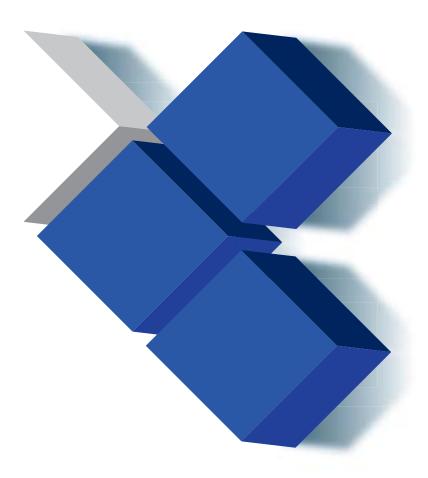
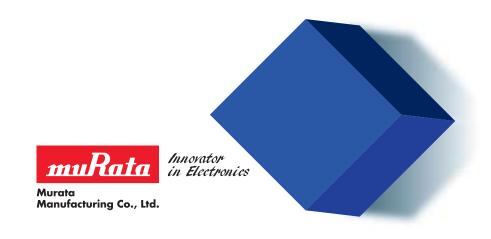
Chip Monolithic Ceramic Capacitors





Explanation of Symbols in This Catalog

LxW dimension: products of 0.6x0.3 mm or less



Low dissipation for high frequency By devising ceramic materials and electrode materials, low dissipation is achieved in frequency bands of VHF, UHF and microwave or beyond.



Low ESL Low inductance
This capacitor is designed so that the parasitic inductance component (ESL) that the capacitor has on the high frequency



Anti-Product suitable for acoustic noise reduction and low distortion This product suppresses acoustic noise, which occurs when a ceramic capacitor is used, by devising the materials and configuration.



Product resistant to deflection cracking This capacitor is designed to prevent failures as much as possible by short mode caused by cracking when there is board deflection.



Product with solder cracking suppression This capacitor is configured with metal terminals

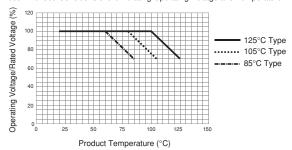
and leads connected to the chip.

The metal terminals and leads relieve the stress from expansion and contraction of the solder, to suppress solder cracking.

Voltage and temperature derating recommended product This product is suitable when a voltage continuously applied to a capacitor in an operating circuit, is used below (derated)

the rated voltage of the capacitor.
This model guarantees the test conditions in the endurance test, at a rated voltage x 100% at the maximum operating temperature. A reliability assurance level equivalent to a common product can be secured, by using this product within the voltage and temperature derated conditions recommended in the figure below.

Recommended Conditions of the Derating Operating Voltage and Temperature

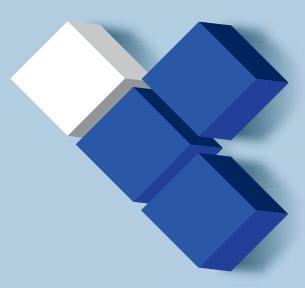


EU RoHS Compliant

- · All the products in this catalog comply with EU RoHS.
- · EU RoHS is "the European Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment.'
- ·For more details, please refer to our website 'Murata's Approach for EU RoHS' (http://www.murata.com/info/rohs.html).



For General Purpose GRM Series Capacitance Table





Cap. Table

Contents



Product specifications are as of July 2012.

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Temperature Compensating Type GRM Series (250Vdc min.)

(Medium Voltage)

For General Purpose

Chip Monolithic Ceramic Capacitors

GRM (250Vdc min.)/GRJ/GR3 Series

Only for Applications

Chip Monolithic Ceramic Capacitors

Cap. Table

| For General Purpose GRM Series | |
|--------------------------------|---------------------|
| (Less than 250Vdc) ····· | p21 separate volume |

Capacitor Array GNM Series p76 p4

Low ESL LLL/LLR/LLA/LLM Series p79 p5

High-Q Type GJM Series p82 p7

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Safety Standard Certified GA3 Series

AC250V Type (Which Meet Japanese Law)

UL, IEC60384-14 Class X1/Y2 Type GC · · p173 p13 IEC60384-14 Class Y2, X1/Y2 Type GF · · p174 p13 IEC60384-14 Class Y3 Type GD · · · · · · · · p176 p13 IEC60384-14 Class X2 Type GB · · · · · · · p177 p13

 Reference Data (Typical Example)
 p182

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 p185

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Metal Terminal Monolithic Ceramic Capacitors

Cap. Table

p12

For General Purpose KRM/KR3 Series

Selection Guide For Chip Monolithic Ceramic Capacitors

| Function | Туре | Series |
|--|--|--|
| Decoupling Consthing | High Capacitance | GRM (X5R, X7R, Y5V etc.) 68pF-150μF |
| Decoupling, Smoothing | Array (2 or 4 Elements) | GNM 470pF–2.2µF |
| Frequency Control/Tuning, | Class 1 TC's | GRM (C0G) 0.1pF–0.1μF |
| Impedance Matching | 01033 1 10 3 | GRM (U2J etc.) |
| | Low Inductance (Reverse Geometry) | LLL 2200pF–10μF |
| High Speed Decoupling | Low Inductance (Controlled ESR) | LLR 1.0µF |
| | Low Inductance (Multi-Termination) | LLA/LLM (From 1GHz) 0.01μF–4.7μF |
| III at 5 | Low ESR, Ultra Small | GJM (500MHz to 10GHz) 0.1pF–47pF |
| High Frequency | Lowest ESR | GQM (500MHz to 10GHz) 0.1pF–100pF |
| Optical Communications | Wire-Die-Bonding | GMA 100pF–0.47μF GMD 100pF–0.47μF |
| 250Vdc min. High-Frequency Snubber | 250V/630V/1kV/2kV/3.15kV Low Dissipation | GRM (C0G, U2J) 10pF–47000pF |
| 250Vdc min. LCD Backlight Inverter | 3.15kV Low Dissipation | GRM (C0G) 5pF–47pF |
| | 250V/630V/1kV High Capacitance | GRM (X7R) 220pF–1μF |
| 250Vdc min. Decoupling, Smoothing | 250V/630V/1kV Soft Termination | GRJ (X7R) 470pF–1µF |
| | 250V/450V/630V Large Capacitance and High Allowable Ripple Current | GR3 (X7T) 10000pF–1μF |
| 250Vdc min. For Camera Flash Circuit only | 350V High Capacitance | GR7 10000pF–47000pF |
| 250Vdc min. | 2kV High Capacitance | GR4 100pF–10000pF |
| For Information Devices only | Safety Standard Certified | Type GD 10pF–4700pF Type GF 10pF–4700pF |
| AC Lines Noise Removal | Safety Standard Certified | Type GC 100pF–330pF Type GF 470pF–4700pF Type GB 10000pF–56000pF |
| AC Lines Noise Removal | AC250V which meets Japanese Law | GA2 470pF–0.1μF |
| Automotive (Powertrain | High Capacitance | GCM (X7R etc.) 100pF–47μF |
| (Powertrain, Safety Equipment) | Class 1 TC's | GCM (C0G etc.) 1.0pF-56000pF |
| 250Vdc min. for Automotive | 250V/630V/1kV Low Dissipation | GCM (U2J) 10pF–47000pF |
| (Powertrain, Safety Equipment) | 250V/630V Soft Termination | GCJ (X7R) 1000pF–0.47µF |

■ Temperature Characteristics Table

| Temperatur Characteristic C | | Te | mperature Cha | racteristics | Operating | Сара | acitance | Change | Each Ter | mperatur | e (%) |
|--------------------------------|-------------|-------------|---------------|-----------------------------------|----------------------|------|----------|--------|----------|----------|-------|
| Public | | Reference | Temperature | Capacitance Change or Temperature | Temperature Range | -5 | 5°C | -2 | 5°C | -10 | 0°C |
| STD Code | | Temperature | Range | Coefficient | | Max. | Min. | Max. | Min. | Max. | Min. |
| COG | EIA | 25°C | 25 to 125°C | 0±30ppm/°C | –55 to 125°C | 0.58 | -0.24 | 0.4 | -0.17 | 0.25 | -0.11 |
| C0H | EIA | 25°C | 25 to 125°C | 0±60ppm/°C | –55 to 125°C | 0.87 | -0.48 | 0.59 | -0.33 | 0.38 | -0.21 |
| CK | JIS | 20°C | 20 to 125°C | 0±250ppm/°C | –55 to 125°C | 2.56 | -1.88 | 1.54 | -1.13 | 1.02 | -0.75 |
| CJ | JIS | 20°C | 20 to 125°C | 0±120ppm/°C | –55 to 125°C | 1.37 | -0.9 | 0.82 | -0.54 | 0.55 | -0.36 |
| CH | JIS | 20°C | 20 to 125°C | 0±60ppm/°C | –55 to 125°C | 0.82 | -0.45 | 0.49 | -0.27 | 0.33 | -0.18 |
| SL | JIS | 20°C | 20 to 85°C | +350 to -1000ppm/°C | –55 to 125°C | - | - | - | - | - | - |
| P2H | EIA | 25°C | 25 to 85°C | -150±60ppm/°C | –55 to 125°C | 2.33 | 0.72 | 1.61 | 0.5 | 1.02 | 0.32 |
| PK | JIS | 20°C | 20 to 85°C | -150±250ppm/°C | −25 to 85°C | - | - | 2.36 | -0.45 | 1.57 | -0.3 |
| PJ | JIS | 20°C | 20 to 85°C | -150±120ppm/°C | –25 to 85°C | - | - | 1.65 | 0.14 | 1.1 | 0.09 |
| PH | JIS | 20°C | 20 to 85°C | -150±60ppm/°C | –25 to 85°C | - | - | 1.32 | 0.41 | 0.88 | 0.27 |
| R2H | EIA | 25°C | 25 to 85°C | −220±60ppm/°C | –55 to 125°C | 3.02 | 1.28 | 2.08 | 0.88 | 1.32 | 0.56 |
| RK | JIS | 20°C | 20 to 85°C | -220±250ppm/°C | –25 to 85°C | - | - | 2.74 | -0.14 | 1.83 | -0.09 |
| RJ | JIS | 20°C | 20 to 85°C | -220±120ppm/°C | −25 to 85°C | - | - | 2.03 | 0.45 | 1.35 | 0.3 |
| RH | JIS | 20°C | 20 to 85°C | -220±60ppm/°C | –25 to 85°C | - | - | 1.7 | 0.72 | 1.13 | 0.48 |
| S2H | EIA | 25°C | 25 to 85°C | -330±60ppm/°C | –55 to 125°C | 4.09 | 2.16 | 2.81 | 1.49 | 1.79 | 0.95 |
| SK | JIS | 20°C | 20 to 85°C | -330±250ppm/°C | –25 to 85°C | - | - | 3.35 | 0.36 | 2.23 | 0.24 |
| SJ | JIS | 20°C | 20 to 85°C | -330±120ppm/°C | –25 to 85°C | - | - | 2.63 | 0.95 | 1.76 | 0.63 |
| SH | JIS | 20°C | 20 to 85°C | -330±60ppm/°C | –25 to 85°C | - | - | 2.3 | 1.22 | 1.54 | 0.81 |
| T2H | EIA | 25°C | 25 to 85°C | -470±60ppm/°C | –55 to 125°C | 5.46 | 3.28 | 3.75 | 2.26 | 2.39 | 1.44 |
| TK | JIS | 20°C | 20 to 85°C | -470±250ppm/°C | –25 to 85°C | - | - | 4.12 | 0.99 | 2.74 | 0.66 |
| TJ | JIS | 20°C | 20 to 85°C | -470±120ppm/°C | –25 to 85°C | - | - | 3.4 | 1.58 | 2.27 | 1.05 |
| TH | JIS | 20°C | 20 to 85°C | -470±60ppm/°C | –25 to 85°C | - | - | 3.07 | 1.85 | 2.05 | 1.23 |
| U2J | EIA | 25°C | 25 to 125°C | -750±120ppm/°C | –55 to 125°C | 8.78 | 5.04 | 6.04 | 3.47 | 3.84 | 2.21 |
| UK | JIS | 20°C | 20 to 85°C | -750±250ppm/°C | –25 to 85°C | - | - | 5.65 | 2.25 | 3.77 | 1.5 |
| UJ | JIS | 20°C | 20 to 85°C | -750±120ppm/°C | –25 to 85°C | - | - | 4.94 | 2.84 | 3.29 | 1.89 |
| X7R | EIA | 25°C | –55 to 125°C | ±15% | –55 to 125°C | - | - | - | - | - | - |
| X7S | EIA | 25°C | −55 to 125°C | ±22% | –55 to 125°C | - | - | - | - | - | - |
| X7T | EIA | 25°C | −55 to 125°C | +22%, -33% | –55 to 125°C | - | - | - | - | - | - |
| X7U | EIA | 25°C | –55 to 125°C | +22%, -56% | −55 to 125°C | - | - | - | - | - | - |
| R | JIS | 20°C | −55 to 125°C | ±15% | –55 to 125°C | - | - | - | - | - | - |
| X6S | EIA | 25°C | −55 to 105°C | ±22% | –55 to 105°C | - | - | - | - | - | - |
| X6T | EIA | 25°C | −55 to 105°C | +22%, -33% | –55 to 105°C | - | - | - | - | - | - |
| X5R | EIA | 25°C | −55 to 85°C | ±15% | –55 to 85°C | - | - | - | - | - | - |
| X5S | EIA | 25°C | −55 to 85°C | ±22% | –55 to 85°C | - | - | - | - | - | - |
| В | JIS | 20°C | −25 to 85°C | ±10% | –25 to 85°C | - | - | - | - | - | - |
| -: Murata Temperature Cha | racteristic | 25°C | −55 to 125°C | ±10% | –55 to 125°C | - | - | - | - | - | - |

■ GRM Series



For the Capacitance Table of General Purpose GRM Series, please review the inserted Capacitance Table of "Chip Monolithic Ceramic Capacitor and General Purpose GRM Series".



Capacitance Table Part Number in the Part Number List refers to the page number printed at the bottom of the page.

■ GRM Series Temperature Compensating Type

| - GRIVI Serie | | - | | | | | | | | | | | | | | | | | | | | |
|---------------------|----------|------|--------|------|-----|-----|-----|-------------------|--------|---------|--------|---------|-----|-----|-----|------|-----|-----|------|-----|-----|-----|
| p00 ← Part Num | nber Lis | st . | JIS: | CK | CJ | СН | SL | PK | PJ | PH | RK | RJ | RH | l S | K | SJ S | SH | TK | TJ | TH | UK | UJ |
| | | E | EIA: C | oG F | P2H | R2H | S2H | T2H | U2J | | | | | | | | | | | | | |
| L×W (mm) | | 0.4 | ×0.2 | | | | | | 0.6 | ×0.3 | | | | | | | | 1.0 | ×0.5 | | | |
| T max. (mm) | | 0. | 22 | | | | | | 0. | 33 | | | | | 0. | 33 | | | 0. | 55 | | |
| Rated Voltage (Vdc) | 1 | 6 | 1 | 0 | | 50 | | | | | 25 | | | | 5 | 0 | | | 5 | 0 | | |
| Cap. / TC Code | COG | CΔ | COG | СН | COG | СΔ | UΔ | R2H | RΔ | S2H | SΔ | T2H | TΔ | UJ | COG | СΔ | COG | СΔ | P2H | ΡΔ | R2H | RΔ |
| 0.1pF | | | | | p28 | p32 | | | | | | | | | p36 | p38 | p39 | p42 | | | | |
| 0.2pF | p22 | p25 | | | p28 | p32 | | | | | | | | | p36 | p38 | p39 | p42 | | | | |
| 0.5pF | p22 | p25 | | | p28 | p32 | | | | | | | | | p36 | p38 | p39 | p42 | | | | |
| 1.0pF | p22 | p25 | | | p28 | p32 | p35 | p35 | p35 | p35 | p36 | p36 | p36 | | p37 | p38 | p39 | p42 | p46 | p46 | p46 | p46 |
| 2.0pF | p22 | p25 | | | p29 | p32 | p35 | p35 | p35 | p36 | p36 | p36 | p36 | | p37 | p38 | p39 | p43 | p46 | p46 | p46 | p46 |
| 3.0pF | p22 | p25 | | | p29 | p32 | p35 | p35 | p35 | p36 | p36 | p36 | p36 | | p37 | p38 | p39 | p43 | p46 | p46 | p46 | p46 |
| 4.0pF | p23 | p26 | | | p29 | p33 | p35 | p35 | p35 | p36 | p36 | p36 | p36 | | p37 | p38 | p40 | p43 | p46 | p46 | p46 | p46 |
| 5.0pF | p23 | p26 | | | p30 | p33 | p35 | p35 | p35 | p36 | p36 | p36 | p36 | | p37 | p38 | p40 | p44 | p46 | p46 | p46 | p46 |
| 6.0pF | p23 | p26 | | | p30 | p33 | p35 | p35 | p35 | p36 | p36 | p36 | p36 | | p37 | p38 | p40 | p44 | p46 | p46 | p46 | p46 |
| 7.0pF | p24 | p27 | | | p30 | p34 | p35 | p35 | p35 | p36 | p36 | p36 | p36 | | p37 | p38 | p41 | p44 | p46 | p46 | p46 | p46 |
| 8.0pF | p24 | p27 | | | p31 | p34 | p35 | p35 | p35 | p36 | p36 | p36 | p36 | | p37 | p38 | p41 | p45 | p46 | p46 | p46 | p46 |
| 9.0pF | p24 | p28 | | | p31 | p34 | p35 | p35 | p35 | p36 | p36 | p36 | p36 | | p37 | p38 | p41 | p45 | p46 | p46 | p46 | p46 |
| 10pF | p25 | p28 | | | p31 | p35 | p35 | p35 | p35 | p36 | p36 | p36 | p36 | | p37 | p38 | p42 | p45 | p46 | p46 | p46 | p46 |
| 12pF | p25 | p28 | | | p31 | p35 | p35 | p35 | p35 | p36 | p36 | p36 | p36 | | p37 | p39 | p42 | p45 | p46 | p46 | p46 | p46 |
| 15pF | p25 | p28 | | | p31 | p35 | p35 | p35 | p35 | p36 | p36 | p36 | p36 | | p37 | p39 | p42 | p45 | p46 | p46 | p46 | p46 |
| 18pF | p25 | p28 | | | p31 | p35 | | p35 | p35 | p36 | p36 | p36 | p36 | p36 | p37 | p39 | p42 | p45 | p46 | p46 | p46 | p46 |
| 22pF | p25 | p28 | | | p31 | p35 | | p35 | p35 | p36 | p36 | p36 | p36 | p36 | p37 | p39 | p42 | p45 | p46 | p46 | p46 | p46 |
| 27pF | p25 | p28 | | | p31 | p35 | | p35 | p35 | p36 | p36 | p36 | p36 | p36 | p37 | p39 | p42 | p46 | p46 | p46 | p46 | p46 |
| 33pF | p25 | p28 | | | p31 | p35 | | p35 | p35 | p36 | p36 | p36 | p36 | p36 | p37 | p39 | p42 | p46 | | | p46 | p46 |
| 39pF | p25 | p28 | | | p32 | p35 | | p35 | p35 | p36 | p36 | p36 | p36 | p36 | p37 | p39 | p42 | p46 | | | | |
| 47pF | p25 | p28 | | | p32 | p35 | | p35 | p35 | p36 | p36 | p36 | p36 | p36 | p37 | p39 | p42 | p46 | | | | |
| 56pF | | | p28 | p28 | p32 | p35 | | p35 | p35 | p36 | p36 | p36 | p36 | p36 | p37 | p39 | p42 | p46 | | | | |
| 68pF | | | p28 | p28 | p32 | p35 | | p35 | p35 | p36 | p36 | p36 | p36 | p36 | p37 | p39 | p42 | p46 | | | | |
| 82pF | | | p28 | p28 | p32 | p35 | | p35 | p35 | p36 | p36 | p36 | p36 | p36 | p37 | p39 | p42 | p46 | | | | |
| 100pF | | | p28 | p28 | p32 | p35 | | p35 | p35 | p36 | p36 | p36 | p36 | p36 | p37 | p39 | p42 | p46 | | | | |
| 120pF | | | | | | | | | | | | | | | p37 | p39 | p42 | p46 | | | | |
| 150pF | | | | | | | | | | | | | | | p37 | p39 | p42 | p46 | | | | |
| 180pF | | | | | | | | | | | ery 0. | | | | p38 | p39 | p42 | p46 | | | | |
| 220pF | | | | | | | | | | | than | | | | p38 | p39 | p42 | p46 | | | | |
| 270pF | | | | | | | | ter to t ails. | ine Pa | art Nui | mber I | _ist to | | | p38 | p39 | p42 | p46 | | | | |
| 330pF | | | | | | | det | alls. | | | | | | | p38 | p39 | p42 | p46 | | | | |
| 390pF | | | | | | | | | | | | | | | p38 | p39 | p42 | p46 | | | | |
| 470pF | | | | | | | | | | | | | | | p38 | p39 | p42 | p46 | | | | |
| 560pF | | | | | | | | | | | | | | | p38 | p39 | p42 | p46 | | | | |
| 680pF | | | | | | | | | | | | | | | p38 | p39 | p42 | p46 | | | | |
| 820pF | | | | | | | | | | | | | | | | | p42 | p46 | | | | |
| 1000pF | | | | | | | | | | | | | | | | | p42 | p46 | | | | |





Capacitance Table [p00] Each number in the Part Number List refers to the page number printed at the bottom of the page.

 $(\rightarrow \blacksquare$ GRM Series Temperature Compensating Type)

| (→ ■ GRM Ser | | - | | | | | | | | 1 | | | | | | | | | | | | |
|---------------------|---------|------|--------|-------|------|-----|-----|---------|-------|--------|--------|--------|------|------|-----|------|-----|-----|-----|-----|-----|-----|
| p00 ← Part Num | nber Li | st . | JIS: C | CK | CJ | CH | SL | PK | PJ | PH | RK | RJ | RH | H S | K | SJ | SH | TK | TJ | TH | UK | UJ |
| | | E | EIA: | COG I | P2H | R2H | S2H | T2H | U2J | | | | | | | | | | | | | |
| L×W (mm) | | | | 1.0 | ×0.5 | | | | | | | | | | 1.6 | ×0.8 | | | | | | |
| T max. (mm) | | | | 0. | .55 | | | | | | 0. | .5 | | | | | | 0 | .9 | | | |
| Rated Voltage (Vdc) | | | 50 | | , | | 10 | | | 50 | | | 10 | | 10 | 00 | | | 50 | | | 10 |
| Cap. / TC Code | S2H | SΔ | T2H | TΔ | UΔ | SL | U2J | UJ | SL | U2J | UJ | SL | U2J | UJ | C0G | СД | COG | СД | SL | U2J | UJ | SL |
| 0.5pF | | | | | | | | | | | | | | 1 | p48 | p51 | p55 | p58 | | | | |
| 1.0pF | p46 | p47 | p47 | p47 | p47 | | The | e indic | ation | for ev | ery 0. | 1 pF h | nas | | p48 | p51 | p55 | p58 | | | | |
| 2.0pF | p46 | p47 | p47 | p47 | p47 | | | | | | s than | | | | p48 | p52 | p55 | p58 | | | | |
| 3.0pF | p46 | p47 | p47 | p47 | p47 | | | | | | mber l | | | | p49 | p52 | p55 | p59 | | | | |
| 4.0pF | p46 | p47 | p47 | p47 | p47 | | det | ails. | | | | | | | p49 | p52 | p55 | p59 | | | | |
| 5.0pF | p46 | p47 | p47 | p47 | p47 | | | | | | | | | | p49 | p52 | p56 | p59 | | | | |
| 6.0pF | p46 | p47 | p47 | p47 | p47 | | | | | | | | | | p49 | p53 | p56 | p59 | | | | |
| 7.0pF | p47 | p47 | p47 | p47 | p47 | | | | | | | | | | p50 | p53 | p56 | p60 | | | | |
| 8.0pF | p47 | p47 | p47 | p47 | p47 | | | | | | | | | | p50 | p54 | p57 | p60 | | | | |
| 9.0pF | p47 | p47 | p47 | p47 | p47 | | | | | | | | | | p51 | p54 | p57 | p61 | | | | |
| 10pF | p47 | p47 | p47 | p47 | p47 | | | | | | | | | | p51 | p54 | p58 | p61 | | | | |
| 12pF | p47 | p47 | p47 | p47 | p47 | | | | | | | | | | p51 | p54 | p58 | p61 | | | | |
| 15pF | p47 | p47 | p47 | p47 | p47 | | | | | | | | | ! | p51 | p54 | p58 | p61 | | | | |
| 18pF | p47 | p47 | p47 | p47 | p47 | | | | | | | | | | p51 | p54 | p58 | p61 | | | | |
| 22pF | p47 | p47 | p47 | p47 | p47 | | | | | | | | | | p51 | p54 | p58 | p61 | | | | |
| 27pF | p47 | p47 | p47 | p47 | p47 | | | | | | | | | | p51 | p54 | p58 | p61 | | | | |
| 33pF | p47 | p47 | p47 | p47 | p47 | | | | | | | | | | p51 | p54 | p58 | p61 | | | | |
| 39pF | p47 | p47 | p47 | p47 | p47 | | | | | | | | | | p51 | p54 | p58 | p61 | | | | |
| 47pF | | | p47 | p47 | p47 | | | | | | | | | | p51 | p54 | p58 | p61 | | | | |
| 56pF | | | p47 | p47 | p47 | | | | | | | | | | p51 | p54 | p58 | p61 | | | | |
| 68pF | | | p47 | p47 | p47 | | | | | | | | | | p51 | p54 | p58 | p61 | | | | |
| 82pF | | | p47 | p47 | p47 | | | | | | | | | | p51 | p54 | p58 | p61 | | | | |
| 100pF | | | p47 | p47 | p47 | | | | | | | | | | p51 | p54 | p58 | p61 | | | | |
| 120pF | | | | | p47 | | | | | | | | | | p51 | p54 | p58 | p61 | | | | |
| 150pF | | | | | p47 | | | | | | | | | | p51 | p54 | p58 | p61 | | | | |
| 180pF | | | | | p47 | | | | | | | | | | p51 | p54 | p58 | p61 | | | | |
| 220pF | | | | | | | | | | | | | | | p51 | p54 | p58 | p61 | | | | |
| 270pF | | | | | | | | | | | | | | | p51 | p54 | p58 | p61 | | | | |
| 330pF | | | | | | | | | | | | | | ! | p51 | p54 | p58 | p61 | | | | |
| 390pF | | | | | | | | | | | | | | | p51 | p54 | p58 | p61 | | | | 1 |
| 470pF | | | | | | | | | | | | | | | p51 | p54 | p58 | p61 | | | | |
| 560pF | | | | | | | | | | | | | | | p51 | p54 | p58 | p61 | | | | |
| 680pF | | | | | | | | | | | | | | | p51 | p54 | p58 | p61 | | | | |
| 820pF | | | | | | | | | | | | | | | p51 | p54 | p58 | p61 | | | | i |
| 1000pF | | | | | | | | | | | | | | | p51 | p54 | p58 | p61 | | | p61 | |
| 1200pF | | | | | | p47 | p47 | p48 | | | | | | | p51 | p54 | p58 | p61 | p61 | p61 | p61 | |
| 1500pF | | | | | | p47 | p47 | p48 | | | | | | | p51 | p55 | p58 | p61 | p61 | p61 | p61 | |
| 1800pF | | | | | 1 | p47 | p47 | p48 | | | | | | | | | p58 | p61 | p61 | p61 | p61 | |
| 2200pF | | | | | ! | p47 | p48 | p48 | p48 | p48 | p48 | | | | | | p58 | p61 | p61 | p61 | p61 | |
| 2700pF | | | | | | p47 | p48 | p48 | p48 | p48 | p48 | | | | | | p58 | p61 | p61 | p61 | p61 | |
| 3300pF | | | | | | p47 | p48 | p48 | p48 | p48 | p48 | | | | | | p58 | p61 | p61 | p61 | p61 | |
| 3900pF | | | | | 1 | p47 | p48 | p48 | p48 | p48 | p48 | | | | | | p58 | p61 | p61 | p61 | p61 | |
| 4700pF | | | | | | p47 | p48 | p48 | p48 | p48 | p48 | r.40 | n.40 | r.40 | | | | | p61 | p61 | p61 | |
| 5600pF | | | | | - | | | | | | | p48 | p48 | p48 | | | | | p61 | p61 | p62 | |
| 6800pF | | | | | 1 | | | | | | | p48 | p48 | p48 | | | | | p61 | p61 | p62 | |
| 8200pF | | | | | | | | | | | | p48 | p48 | p48 | | | | | p61 | p61 | p62 | |
| 10000pF | | | | | | | | | | | | p48 | p48 | p48 | | | | | p61 | p61 | p62 | |
| 12000pF | | | | | | | | | | | | | | | | | | | | | | p62 |
| 15000pF | | | | | | | | | | | | | | | | | | | | | | p62 |
| 18000pF | | | | | | | | | | | | | | | | | | | | | | p62 |
| 22000pF | | ! | ! | | 1 | | 1 | | | | | | | ! | | 1 | 1 | ! | ! | ! | | p62 |

Capacitance Table Part Number List refers to the page number printed at the bottom of the page.

$(\rightarrow \blacksquare$ GRM Series Temperature Compensating Type)

 p00
 ← Part Number List
 JIS:
 CK
 CJ
 CH
 SL
 PK
 PJ
 PH
 RK
 RJ
 RH
 SK
 SJ
 SH
 TK
 TJ
 TH
 UK
 UJ

 EIA:
 C0G
 P2H
 R2H
 S2H
 T2H
 U2J

| | | E | IA: C | oG F | P2H | R2H | S2H | T2H | U2J | | | | | | | | | | | | | |
|---------------------|-----|------|-------|------|-----|-----|-----|-----|-----|-----|-----|------|-------|-----|-----|-----|-----|------|------|-----|-----|-----|
| L×W (mm) | 1.6 | <0.8 | | | | | | | | | | 2.0× | (1.25 | | | | | | | | | |
| T max. (mm) | 0 | .9 | | | | 0.7 | | | | | | | 0. | 95 | | | | | | 1 | | |
| Rated Voltage (Vdc) | 1 | 0 | 10 | 00 | | | 50 | | | | | 50 | | | | 10 | | 25 | 50 | | 50 | |
| Cap. / TC Code | U2J | UJ | COG | СН | COG | СН | SL | U2J | UJ | COG | СН | SL | U2J | UJ | SL | U2J | UJ | COG | U2J | SL | U2J | UJ |
| 10pF | | | | | | | | | | | | | | | | | | p136 | | | | |
| 12pF | | | | | | | | | | | | | | | | | | p136 | | | | |
| 15pF | | | | | | | | | | | | | | | | | | p136 | | | | |
| 18pF | | | | | ! | | | | | | | | | | | | | p136 | | | | |
| 22pF | | | | | | | | | | | | | | | | | | p136 | | | | |
| 27pF | | | | | | | | | | | | | | | | | | p136 | | | | |
| 33pF | | | | | | | | | | | | | | | | | | p136 | | | | |
| 39pF | | | | | | | | | | | | | | | | | | p136 | | | | |
| 47pF | | | | | | | | | | | | | | | | | | p136 | | | | |
| 56pF | | | | | | | | | | | | | | | | | | p136 | | | | |
| 68pF | | | | | | | | | | | | | | | | | | p136 | | | | |
| 82pF | | | | | | | | | | | | | | | | | | p136 | | | | |
| 100pF | | | p62 | p62 | | | | | | | | | | | | | | p136 | p137 | | | |
| 120pF | | | p62 | p62 | | | | | | | | | | | | | | p136 | p137 | | | |
| 150pF | | | p62 | p62 | | | | | | | | | | | | | | p136 | p137 | | | |
| 180pF | | | p62 | p62 | | | | | | | | | | | | | | p136 | p137 | | | |
| 220pF | | | p62 | p62 | | | | | | | | | | | | | | p136 | p137 | | | |
| 270pF | | | p62 | p62 | | | | | | | | | | | | | | p136 | p137 | | | |
| 330pF | | | p62 | p62 | | | | | | | | | | | | | | p136 | p137 | | | |
| 390pF | | | p62 | p62 | | | | | | | | | | | | | | | p137 | | | |
| 470pF | | | p62 | p62 | | | | | | | | | | | | | | | p137 | | | |
| 560pF | | | p62 | p62 | | | | | | | | | | | | | | | p137 | | | |
| 680pF | | | p62 | p62 | | | | | | | | | | | | | | | p137 | | | |
| 820pF | | | p62 | p62 | | | | | | | | | | | | | | | p137 | | | |
| 1000pF | | | p62 | p62 | | | | | | | | | | | | | | | p137 | | | |
| 1200pF | | | p62 | p62 | p62 | p62 | | | | | | | | | | | | | p138 | | | |
| 1500pF | | | p62 | p62 | p62 | p62 | | | | | | | | | | | | | p138 | | | |
| 1800pF | | | p62 | p62 | p62 | p62 | | | | | | | | | | | | | p138 | | | |
| 2200pF | | | p62 | p62 | p62 | p62 | | | | | | | | | | | | | p138 | | | |
| 2700pF | | | p62 | p62 | p62 | p62 | | | | | | | | | | | | | | | | |
| 3300pF | | | p62 | p62 | p62 | p62 | | | | | | | | | | | | | | | | |
| 3900pF | | | | | p62 | p62 | | | | | | | | | | | | | | | | |
| 4700pF | | | | | p62 | p62 | | | | | | | | | | | | | | | | |
| 5600pF | | | | | | | | | | p62 | p62 | | | | | | | | | | | |
| 6800pF | | | | | | | | | | p62 | p62 | | | | | | | | | | | |
| 8200pF | | | | | | | | | | p62 | p62 | | | | | | | | | | | |
| 10000pF | | | | | | | | | p62 | p62 | p62 | | | | | | | | | | | |
| 12000pF | p62 | p62 | | | | | p62 | p62 | p62 | p62 | p62 | | | | | | | | | | | |
| 15000pF | p62 | p62 | | | | | p62 | p62 | p62 | p62 | p62 | | | | | | | | | | | |
| 18000pF | p62 | p62 | | | | | p62 | p62 | p62 | | | | | | | | | | | | | |
| 22000pF | p62 | p62 | | | | | | | | | | p62 | p62 | p62 | | | | | | | | |
| 27000pF | | | | | | | | | | | | p62 | p62 | p62 | | | | | | | | |
| 33000pF | | | | | 1 | | | | | | | | | | | | | | | p62 | p62 | p63 |
| 39000pF | | | | | | | | | | | | | | | | | | | | | | |
| 47000pF | | | | | | | | | | | | | | | | | | | | | | |
| 56000pF | | | | | | | | | | | | | | | p62 | p62 | p62 | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |

Capacitance Table poo Each number in the Part Number List refers to the page number printed at the bottom of the page.

(→ ■ GRM Series Temperature Compensating Type)

СН SL PK PJ RK SH ΤH UK UJ *p00* ← Part Number List JIS: CK CJ PH EIA: R2H L×W (mm) 2.0×1.25 3.2×1.6 T max. (mm) 1.35 1.45 0.95 250 2000 250 Rated Voltage (Vdc) 50 10 100 50 1000 630 SL Cap. / TC Code C0G CH U2J UJ SL U2J UJ U2J COG СН COG СН SL U2J UJ U2J COG U2J C0G U2J U2J p138 p139 10pF p139 12pF p138 15pF p139 p138 18pF p139 p139 p136 p138 22pF p139 27pF p139 p139 p138 33pF p139 p138 p139 39pF p139 47pF p138 56pF p139 p139 p137 68pF p139 82pF p139 100pF 120pF 150pF p139 180pF 220pF p139 p138 270pF p139 p138 330pF p138 390pF 470pF 560pF 680pF p138 820pF 1000pF p138 1200pF 1500pF p138 1800pF p138 p63 2200pF p63 p138 2700pF p138 p138 p63 3300pF p63 3900pF p138 p63 p138 4700pF p63 5600pF p138 p63 p138 6800pF p63 8200pF p63 10000pF p63 12000pF p63 p63 15000pF p63 p63 18000pF p63 p63 p63 22000pF p63 p63 p63 27000pF p63 33000pF p63 39000pF p63 p63 47000pF p63 p63 56000pF p63 p63 68000pF p63 p63 p63 82000pF p63 p63 0.1µF p63 p63

Capacitance Table Part Number in the Part Number List refers to the page number printed at the bottom of the page.

$(\rightarrow \blacksquare$ GRM Series Temperature Compensating Type)

| p00 ← Part Number List | JIS: | CK | CJ | СН | SL | PK | PJ | PH | RK | RJ | RH | SK | SJ | SH | TK | TJ | TH | UK | UJ |
|------------------------|------|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|
| | EIA: | COG | P2H | R2H | S2H | T2H | U2J | | | | | | | | | | | | |

| | | E | EIA: C | 0G F | P2H | R2H | S2H | T2H | U2J | | | | | | | | | | | | | |
|---------------------|------|------|--------|------|------|-----|-------------|------|------|------|------|------|-----|------|------|------|------|---------|------|------|------|------|
| L×W (mm) | | | | | | ; | 3.2×1.6 | 6 | | | | | | | | | ; | 3.2×2.5 | 5 | | | |
| T max. (mm) | | | | | 1.25 | | | | | | 1 | .8 | | | 1 | | 1.25 | | 1. | .5 | 2 | 2 |
| Rated Voltage (Vdc) | 1000 | 63 | 30 | 250 | | | 50 | | | 1000 | 630 | 5 | 0 | 2000 | 630 | 2000 | 1000 | 630 | 1000 | 630 | 1000 | 630 |
| Cap. / TC Code | U2J | COG | U2J | U2J | COG | СН | SL | U2J | UJ | U2J | U2J | COG | СН | U2J | U2J | U2J | U2J | U2J | U2J | U2J | U2J | U2J |
| 82pF | | | | | | | | | | | | | | p140 | | | | | | | | |
| 100pF | | | | | | | | | | | | | | p140 | | | | | | | | |
| 120pF | | | | | | | | | | | | | | p140 | | | | | | | | |
| 150pF | | | | | | | | | | | | | | p140 | | | | | | | | |
| 180pF | | | | | | | | | | | | | | | | p140 | | | | | | |
| 220pF | | | | | | | | | | | | | | | | p140 | | | | | | |
| 270pF | | | | | | | i ! ! | | | | | | | | | | | | | | | |
| 330pF | | | | | | | | | | | | | | | | | | | | | | |
| 390pF | p139 | | | | | | | | | | | | | | | | | | | | | |
| 470pF | p139 | | | | | | ! | | ! | | | | | | | | | | | | | |
| 560pF | p139 | | | | | | | | | | | | | | | | | | | | | |
| 680pF | p139 | | | | | | | | | | | | | | | | | | | | | |
| 820pF | | p137 | | | | | | | | p139 | | | | | | | | | | | | |
| 1000pF | | p137 | | | | | | | | p139 | | | | | | | | | | | | |
| 1200pF | | | | | | | ! | | | | | | | | p138 | | p139 | | | | | |
| 1500pF | | | | | | | | | | | | | | | p138 | | | | p139 | | | |
| 1800pF | | | | | | | | | | | | | | | p138 | | | | | | p139 | |
| 2200pF | | | | | | | | | | | | | | | p138 | | | | | | p139 | |
| 2700pF | | | p138 | | | | | | | | | | | | | | | | | | | |
| 3300pF | | : | p138 | | | | ! | | : | | | | | | | | | | | | | |
| 3900pF | | | | | | | | | | | p138 | | | | | | | | | | | |
| 4700pF | | | | | | | | | | | p138 | | | | | | | | | | | |
| 5600pF | | | | | | | | | | | | | | | | | | p138 | | | | |
| 6800pF | | | | p138 | | | | | | | | | | | | | | | | p138 | | |
| 8200pF | | | | p138 | | | ! ! | | | | | | | | | | | | | | | p138 |
| 10000pF | | | | p138 | | | | | | | | | | | | | | | | | | p139 |
| 12000pF | | | | | | | | | | | | | | | | | | | | | | |
| 15000pF 18000pF | | | | | | | | | | | | | | | | | | | | | | |
| 22000pF | | | | | | | | | | | | | | | | | | | | | | |
| 27000pF | | | | | | | | | | | | | | | | | | | | | | |
| 33000pF | | | | | | | | | | | | | | | | | | | | | | |
| 39000pF | | | | | | | | | | | | | | | | | | | | | | |
| 47000pF | | | | | p63 | p63 | | | | | | | | | | | | | | | | |
| 56000pF | | | | | p63 | p63 | | | ! | | | | | | | | | | | | | |
| 68000pF | | | | | 700 | p30 | p63 | p63 | p63 | | | p63 | p63 | | | | | | | | | |
| 82000pF | | | | | | | p63 | p63 | p63 | | | p63 | p63 | | | | | | | | | |
| 0.1μF | | | | | | | p63 | p63 | p63 | | | p63 | p63 | | | | | | | | | |
| υ.τμι | | : | i | | | | 700 | 1500 | P 30 | | | -600 | 750 | | | : | | | | | | 7 |

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Capacitance Table [p00] Each number in the Part Number List refers to the page number printed at the bottom of the page.

$(\rightarrow \blacksquare$ GRM Series Temperature Compensating Type)

| | | | | | - | | | 1, | | | | | | |
|---------------------|-------------|------|-------|------|------|------|------|------|-------|----|----|----|----|----|
| p00 ← Part Num | nber Lis | | | CK | CJ | СН | SL | PK | PJ | PH | RK | RJ | RH | Sk |
| | | E | IA: C | oG I | P2H | R2H | S2H | T2H | U2J | | | | | |
| L×W (mm) | 4.5× 2.0 | | 4.5 | ×3.2 | | | 5.7> | ×5.0 | | | | | | |
| T max. (mm) | 1 | 1. | .5 | | 2 | 1 | .5 | 2 | 2 | | | | | |
| Rated Voltage (Vdc) | 3150 | 1000 | 630 | 1000 | 630 | 1000 | 630 | 1000 | 630 | | | | | |
| Cap. / TC Code | | U2J | U2J | U2J | U2J | U2J | U2J | U2J | U2J | | | | | |
| 27pF | p140 | | | | | | | | | | | | | |
| 33pF | p140 | | | | | | | | | | | | | |
| 39pF | p140 | | | | | | | | | | | | | |
| 47pF | p140 | | | | | | | | | | | | | |
| 56pF | p140 | | | | | | | | | | | | | |
| 68pF | p140 | | | | | | | | | | | | | |
| 82pF | p140 | | | | | | | | | | | | | |
| 100pF | p140 | | | | | | | | | | | | | |
| 120pF | | | | | | | | | | | | | | |
| 150pF | | | | | | | | | | | | | | |
| 180pF | | | | | 1 | | | | | | | | | |
| 220pF 270pF | | | | | | | | | | | | | | |
| 330pF | | | | | | | | | | | | | | |
| 390pF | | | | | | | | | | | | | | |
| 470pF | | | | | | | | | | | | | | |
| 560pF | | | | | | | | | | | | | | |
| 680pF | | | | | | | | | | | | | | |
| 820pF | | | | | | | | | | | | | | |
| 1000pF | | | | | | | | | | | | | | |
| 1200pF | | | | | | | | | | | | | | |
| 1500pF | | | | | | | | | | | | | | |
| 1800pF | | | | | 1 | | | | | | | | | |
| 2200pF | | | | | | | | | | | | | | |
| 2700pF | | p139 | | | | | | | | | | | | |
| 3300pF | | p139 | | | | | | | | | | | | |
| 3900pF | | | | p139 | | | | | | | | | | |
| 4700pF | | | | p139 | | | | | | | | | | |
| 5600pF | | | | | | p139 | | | | | | | | |
| 6800pF | | | | | | p139 | | | | | | | | |
| 8200pF | | | | | | | | p139 | | | | | | |
| 10000pF | | | | | | | | p139 | | | | | | |
| 12000pF | | | p139 | | | | | | | | | | | |
| 15000pF | | | | | p139 | | | | | | | | | |
| 18000pF | | | | | p139 | | | | | | | | | |
| 22000pF | | | | | p139 | | .400 | | | | | | | |
| 27000pF | | | | | | | p139 | | n 100 | | | | | |
| 33000pF 39000pF | | | | | | | | | p139 | | | | | |
| 47000pF | | | | | 1 | | | | p139 | | | | | |
| 47000PF | | | | | 1 | | 1 | | p139 | | | | | |



Capacitance Table [p00] Each number in the Part Number List refers to the page number printed at the bottom of the page.

| | ← Part Num | | | | R | B EIA: X7R X7S X7T X7U X6S X6T X5R X8 | | | | | | | | | | | | | | | | | |
|---------|--------------------|-----|---------|-----------|-----|---------------------------------------|-----|----------------------|----------------------|----------------------|-----------------|----------------------|--------------------|----------------------|-----|----------------------|----------|----------------|-----|----------------|------|-----|-----|
| | L×W (mm) | | 0.4 | ×0.2 | | | | | | | 0.6 | ×0.3 | | | | | | | | 1.0> | <0.5 | | |
| | T max. (mm) | | 0 | .22 | | | | | | | 0. | 33 | | | | | | | | 0.2 | 22 | | |
| Rated \ | /oltage (Vdc) | 1 | 0 | 6.3 | 4 | 5 | 0 | 2 | 5 | 1 | 6 | 1 | 0 | | 6.3 | | 4 | 10 | 6 | .3 | 4 | 1 | 2.5 |
| Ca | p. / TC Code | X7R | X5R, E | X5R, B | X5R | X7R | В | X7R, R | X5R, B | X7R, R | X5R, B | X7R, R | X5R, B | X7R, R | X6S | X5R, B | X6S | X5R, B | X6S | X5R, B | X7T | Х6Δ | X7T |
| | 68pF | p64 | p64 p64 | 4 | | | | | | | | | | | | | | | | | | | |
| | 100pF | p64 | p64 p64 | 4 | | p65 | p65 | p65 <mark>p65</mark> | p65 p65 | | | | | | | | | | | | | | |
| | 150pF | p64 | p64 p64 | 4 | | p65 | p65 | p65 <mark>p65</mark> | p65 p65 | | | | | | | | | | | | | | |
| | 220pF | p64 | p64 p6 | 4 | | p65 | p65 | p65 <mark>p65</mark> | | | | | | | | | | | | | | | |
| | 330pF | p64 | p64 p6 | 4 | | p65 | p65 | p65 <mark>p65</mark> | | | | | | | | | | | | | | | |
| | 470pF | p64 | p64 p6 | | i | p65 | p65 | p65 <mark>p65</mark> | | | | | | | | | | | | | | | |
| | 680pF | | | 4 p64 p64 | - | p65 | p65 | p65 <mark>p65</mark> | | | | | | | | | | | | | | | |
| | 1000pF | | - | 4 p64 p64 | 1 | p65 | p65 | p65 <mark>p65</mark> | | | | | | | | | | | | | | | |
| | 1500pF | | | 4 p64 p64 | 1 | p65 | p65 | p65 <mark>p65</mark> | | | | i | | | | | | | | | | | |
| | 2200pF | | | 4 p64 p64 | 1 | | | p65 | p65 | p65 <mark>p65</mark> | | | | | | | | | | | | | |
| | 3300pF | | | 4 p64 p64 | 1 | | | p65 | p65 | p65 <mark>p65</mark> | p65 | | | | | | | | | | | | |
| | 4700pF | | | 4 p64 p64 | - | | | | | | | | | p66 <mark>p66</mark> | | p66 | | | | | | | |
| | 6800pF | | _ | 4 p64 p64 | | | | | 05 05 | | 05 05 | | p66 p66 | | | p66 | | | | | | | |
| | 10000pF | | p64 p64 | 4 p64 p64 | | | | | p65 <mark>p65</mark> | | p65 p65 | p65 <mark>p65</mark> | _ | | | p66 <mark>p66</mark> | | | | | | | |
| | 12000pF | | | C4 | -C1 | | | | | | | | p66 p66 p66 p66 | | CC | -00-00 | | | | | | | |
| | 15000pF | | | p64 | p64 | | | | | | | | p66 p66 | | p66 | p66 p66 | | | | | | | |
| | 18000pF | | | 261 | p64 | | | | | | | | | | 266 | p66 p66 | | | | | | | |
| | 22000pF | | | p64 | p64 | | | | | | | | p66 p66 | 1 | p66 | ρου ρου | | | | | | | |
| | 27000pF 33000pF | | | p64 | p64 | | | | | | | | p66 p66 | | CC | p66 p66 | | | | | | | |
| | 39000pF | | | ρ64 | μ04 | | | | | | | | p66 p66 | | ροο | ρου ρου | | | | | | | |
| | 47000pF | | | p64 | p64 | | | | | | | ! | p66 p66 | | p66 | p66 p66 | | | | | | | |
| | 68000pF | | | p64 | p64 | | | | | | | | p66 p66 | | p66 | ρουρου | | | | | | | |
| | 0.1μF | | | p64 | p64 | | | | | | p65 p6 5 | | p66 p66 | | p66 | | | p66 p66 | p66 | p67 p67 | p67 | p67 | p67 |
| | 0.15µF | | | po. | po. | | | | | | 500 500 | | 700 | | ροσ | | | 500 500 | Poo | 501 501 | ρυ. | ρο. | po. |
| | 0.22µF | | | | | | | | | | | | p66 | | p66 | p66 | p66 | p66 p66 | p67 | p67 p67 | p67 | p67 | p67 |
| | 0.33µF | | | | | | | | | | | | | | | | <u>'</u> | | | | • | | |
| | 0.47µF | | | | | | | | | | | | | | | | | | | p67 p67 | | p67 | |
| | 0.68µF | | | | | | | | | | | | | | | | | | | | | | |
| | 1.0µF | | | | | | | | | | | | | | | | | | | | | | |
| | 2.2µF | | | | | | | | | | | | | | | | | | | | | | |
| | 4.7µF | | | | | | | | | | | | | | | | | | | | | | |
| | 10µF | | | | | | | | | | | | | | | | | | | | | | |
| | 22µF | | | | | | | | | | | | | | | | | | | | | | |
| | 47µF | | | | | | | | | | | | | | | | | | | | | | |
| | 100µF | | | | | | | | | | | | | | | | | | | | | | |
| | 150µF | | | | | | | | | | | | | | | | | | | | | | |

Capacitance Table Part Number in the Part Number List refers to the page number printed at the bottom of the page.

| p00 ← Part Nun | nber Lis | st . | JIS: | R | В | EI | A: X7 | 'R X | .7S | X7T | X7U | X6S | X6T | X5F | R X5 | is | | | | | | |
|---------------------|----------------------|------|------|-----|-----|-----|-------|---------|-----|----------------|-----|------|-----|----------------------|------|---------|----------------------|-----|-----------------|----------------------|----------------|----------------------|
| L×W (mm) | | | | | | | | | | | 1.0 | ×0.5 | | | | | | | | | | |
| T max. (mm) | | | | 0.3 | | | | | | 0.33 | | | | | | | 0. | 55 | | | | |
| Rated Voltage (Vdc) | 5 | 0 | 2 | :5 | 1 | 6 | 10 | 10 | 6 | .3 | | 4 | 100 | | 50 | | | 25 | | 1 | 6 | 10 |
| Cap. / TC Code | X7R, R | В | X7R | В | X7R | В | X5R | X5R, B | X6T | X5R, B | X6T | X5R | X7R | Χ7Δ, R | X6S | X5R, B | X7R, R | X6S | X5R, B | X7R, R | X5R, B | X7R, R |
| 68pF | | | | | | | | | | | | | | | | | | | | | | |
| 100pF | | | | | | | | | | | | | | | | | | | | | | |
| 150pF | | | | | | | | | | | | | | | | | | | | | | |
| 220pF | p67 <mark>p67</mark> | p67 | | | | | | | | | | | p67 | p67 <mark>p68</mark> | | p68 | | | | | | |
| 330pF | p67 <mark>p67</mark> | p67 | | | | | | | ! | | | | p67 | p67 <mark>p68</mark> | | p68 | | | | | | |
| 470pF | p67 <mark>p67</mark> | p67 | | | | | | | | | | | p67 | p67 <mark>p68</mark> | | p68 | | | | | | |
| 680pF | p67 <mark>p67</mark> | p67 | | | | | | | | | | | p67 | p67 <mark>p68</mark> | | p68 | | | | | | |
| 1000pF | p67 <mark>p67</mark> | p67 | | | | | | | | | | | p67 | p67 <mark>p68</mark> | | p68 p68 | | | | | | |
| 1500pF | p67 <mark>p67</mark> | p67 | | | | | | | | | | | p67 | p67 <mark>p68</mark> | | p68 | | | | | | |
| 2200pF | | | p67 | p67 | | | | | | | | | p67 | p67 <mark>p68</mark> | | p68 p68 | | | | | | |
| 3300pF | | | | | p67 | p67 | | | | | | | p67 | p67 <mark>p68</mark> | | p68 | | | | | | |
| 4700pF | | | | | p67 | p67 | | | | | | | p67 | p67 <mark>p68</mark> | | p68 p68 | | | p68 | | | |
| 6800pF | | | | | p67 | p67 | | | | | | | | p67 <mark>p68</mark> | | p68 | p68 <mark>p68</mark> | | p68 | | | |
| 10000pF | | | | | p67 | p67 | | | | | | | | p67 <mark>p68</mark> | | p68 | p68 <mark>p68</mark> | | p68 | | | |
| 12000pF | | | | | | | | | | | | | | | | | | | | | | |
| 15000pF | | | | | | | p67 | | | | | | | p67 | | p68 | p68 <mark>p68</mark> | | p68 | | | |
| 18000pF | | | | | | | | | | | | | | | | | | | | | | |
| 22000pF | | | | | | | p67 | | | | | | | p67 | | p68 | p68 <mark>p68</mark> | | p68 | | | |
| 27000pF | | | | | | | | | | | | | | | | | | | | | | |
| 33000pF | | | | | | | p67 | | | | | | | p67 | | p68 | p68 <mark>p68</mark> | | p68 | p68 <mark>p68</mark> | p68 p69 | |
| 39000pF | | | | | | | | | | | | | | | | | | | | | | |
| 47000pF | | | | | | | | | | | | | | p68 | | | p68 <mark>p68</mark> | | | | p68 p69 | |
| 68000pF | | | | | | | | | | | | | | p68 | | p68 | | p68 | | p68 <mark>p68</mark> | p68 p69 | p69 <mark>p69</mark> |
| 0.1μF | | | | | | | | | | | | | | p68 | p68 | p68 p68 | p68 | p68 | p68 p68 | | | |
| 0.15μF | | | | | | | | | | | | | | | | ! | | | | p68 | | |
| 0.22µF | | | | | | | | | | | | | | | | | | | | p68 | | |
| 0.33µF | | | | | | | | | | | | | | | | | | | | | | |
| 0.47µF | | | | | | | | | | | | | | | | | | | | | | |
| 0.68µF | | | | | | | | | | | | | | | | | | | | | | |
| 1.0µF | | | | | | | | p67 p67 | p67 | p67 p67 | p67 | p67 | | | | | | | p68 p6 8 | | p69 p69 | |
| 2.2µF | | | | | | | | | ! | | | | | | | ! | | | | | | |
| 4.7μF | | | | | | | | | | | | | | | | | | | | | | |
| 10μF | | | | | | | | | | | | | | | | | | | | | | |
| 22µF | | | | | | | | | | | | | | | | | | | | | | |
| 47μF | | | | | | | | | | | | | | | | | | | | | | |
| 100µF | | | | | | | | | | | | | | | | | | | | | | |
| 150µF | | | | | | | | | | | | | | | | ! | | | | | | <u> </u> |

Capacitance Table [p00] Each number in the Part Number List refers to the page number printed at the bottom of the page.

| p00 ← Part N | ımber L | .IST | JIS: | R | В | EI | A: X7 | 'R X | 7S | X7T | X7U | X6S | X6T | X51 | R X5 | S | | | | | | |
|-------------------|----------|-----------------|------|-----|------|------|----------------------|--------------------|-----|-----|---------|---------|------|-----|----------------------|-----------------|----------------------|-----|----------------------|-----|-----|---|
| L×W (m | n) | | | | 1.0> | ×0.5 | | | | | | | | | | 1.6 | ×0.8 | | | | | |
| T max. (m | n) | | 0. | 55 | | | 0.55, 0.6 | 0.6, 0.7 | 0.6 | 0.7 | 0 | .5 | | | | | 0.9 | | | | | 0.9, 0.95, 1 |
| Rated Voltage (Vo | c) | 10 | 6 | .3 | 4 | 4 | 6.3 | 4 | 2.5 | 2.5 | 25 | 16 | 250 | 100 | 5 | 0 | 2 | :5 | 16 | 6.3 | 2.5 | 25 |
| Cap. / TC Co | le X6S | X5R, B | X7R | X6S | X7R | Х6∆ | X5R, B | X5R, B | X6T | X5R | X5R, B | X5R, B | X7R | X7R | X7R, R | X5R, B | X7R, R | X6S | X7∆, R | X6S | X6S | X5R, B |
| 68p | = | | | | | | | | | | | | | | | | | | | | | |
| 100p | = | | | | | | ! | | | | | | | | | ! | | | | | | |
| 150p | = | | | | | | | | | | | | | | | | | | | | | |
| 220p | = | | | | | | | | | | | | p143 | p69 | p70 <mark>p70</mark> | p70 | | | | | | |
| 330p | = | | | | ! | | ! | | | | | | p143 | p69 | p70 <mark>p70</mark> | p70 | | | | | | |
| 470p | = | | | | | | | | ! | | | | p143 | p69 | p70 <mark>p70</mark> | p70 | | | | | | |
| 680p | = | | | | | | | | | | | | p143 | p70 | p70 <mark>p70</mark> | p70 | | | | | | |
| 1000p | = | | | | | | | | | | | | p143 | p70 | p70 <mark>p70</mark> | p70 p70 | | | | | | |
| 1500p | 1 | | | | | | | | | | | | p143 | p70 | p70 <mark>p70</mark> | p70 | | | | | | |
| 2200p | = | | | | | | | | | | | | p143 | p70 | p70 <mark>p70</mark> | p70 p7 0 | | | | | | 0.9 p71 |
| 3300p | = | | | | | | | | | | | | | p70 | p70 <mark>p70</mark> | p70 | | | | | | 0.9 p71 |
| 4700p | = | | | | | | | | | | | | | p70 | p70 <mark>p70</mark> | p70 p70 | | | | | | 0.9 p71 |
| 6800p | = | | - | | ! | | ! | | | | | | | p70 | p70 <mark>p70</mark> | p70 | | | | | | 0.9 p71 |
| 10000p | = | | | | | | | | | | | | | p70 | p70 <mark>p70</mark> | p70 p70 | | | | | | 0.9 p71 |
| 12000p | = | | | | | | | | | | | | | | | | | | | | | |
| 15000p | = | | | | | | | | | | | | | p70 | p70 <mark>p70</mark> | p70 | p70 <mark>p71</mark> | | | | | 0.9 p71 |
| 18000p | = | | | | | | | | | | | | | | | | | | | | | |
| 22000p | = | | | | | | | | | | | | | p70 | p70 <mark>p70</mark> | p70 p70 | p70 <mark>p71</mark> | | | | | 0.9 <i>p71</i> |
| 27000p | = | | | | | | | | | | | | | | | | | | | | | |
| 33000p | = | | | | | | | | | | | | | | p70 <mark>p70</mark> | p70 | p70 <mark>p71</mark> | | | | | 0.9 p71 |
| 39000p | = | | | | | | | | | | | | | | | | | | | | | |
| 47000p | = | | | | | | | | | | | | | | p70 <mark>p70</mark> | p70 | p70 <mark>p71</mark> | | | | | 0.9 p71 0.9 p71 |
| 68000p | = | | | | | | | | | | | | | | p70 <mark>p70</mark> | p70 | p70 <mark>p71</mark> | | | | | 0.9 p71 |
| 0.1μ | = | | | | | | | | | | | | | p70 | p70 <mark>p70</mark> | p70 | | | | | | 0.9 0.9 p71 p71 0.9 p71 |
| 0.15μ | = | p69 p6 9 | 9 | p69 | | p69 | 0.55 0.55 p69 p69 | | | | | | | | | p70 | p70 <mark>p71</mark> | | p71 <mark>p71</mark> | | | 0.9 p71 |
| 0.22μ | = | p69 p6 9 | | p69 | | p69 | 0.55 0.55 p69 p69 | | | | | | | | | p70 p70 | p70 <mark>p71</mark> | | p71 <mark>p71</mark> | | | 0.9 <mark>0.9</mark> p71 p 71 |
| 0.33μ | = | p69 p6 9 | 9 | p69 | | p69 | 0.55 0.55 p69 p69 | | | | | | | | | | | | p71 <mark>p71</mark> | | | |
| 0.47μ | = | p69 p6 9 | | p69 | | p69 | 0.55 0.55 p69 p69 | | | | | | | | | p70 | p70 | | p71 <mark>p71</mark> | | | 0.9 <mark>0.9</mark> p71 p 71 |
| 0.68μ | = | p69 p6 9 | 9 | | | | 0.55 p69 p69 | | | | | | | | | | | | p71 | | | 0.9 0.9 p71 p71 |
| 1.0μ | p69 | | p69 | | p69 | | | | | | p69 p69 | p69 p69 | | | | p70 p70 | p70 | p71 | p71 | | | 0.9 <mark>0.9</mark> p71 p71 0.9 0.9 p71 p71 |
| 2.2μ | = | p69 p6 9 | 9 | p69 | | p69 | 0.55 p69 p69 | | | | | | | | | | | | | p71 | | 0.9 0.9 p71 p 71 |
| 4.7μ | = | | | | | | 0.6 0.6 p69 p69 | 0.6 0.6 p69 p69 | p69 | | | | | | | | | | | p72 | | 0.95, 1 <i>p72</i> |
| 10μ | = | | | | | | | 0.7 p69 | | p69 | | | | | | | | | | | p72 | 1 p72 |
| 22μ | = | | | | | | | | | | | | | | | | | | | | | |
| 47μ | = | | | | | | | | | | | | | | | | | | | | | |
| 100μ | = | | | | ! | | ! | | | | | | | | | ! | | | | | | |
| 150µ | = | | | | | | | | | | | | | | | | | | | | | |

Capacitance Table [p00] Each number in the Part Number List refers to the page number printed at the bottom of the page.

| p00 ← Part Num | nber Lis | st . | JIS: | R | В | El | A: X7 | 7R X | 75 | K7T | X7U | X6S | X6T | X5F | X5 | S | | | | | | |
|---------------------|-----------------|------------|--------------------------|------------|------------|--------------------|------------|--------------------|---------------------------------|------------|-----|-----|-----|---------|-----|------|------|-----|-----|-----|--------------|-----|
| L×W (mm) | | | | | 1.6 | ×0.8 | | | | | | | | | | 2.0× | 1.25 | | | | | |
| T max. (mm) | 0.9, 0.95, 1 | | | | 0.9, 1 | | | | 0.9, 0.95 | 1 | 0. | .7 | | | | | 0. | 95 | | | | |
| Rated Voltage (Vdc) | 16 | 16 | 1 | 0 | 6 | .3 | | 4 | 10 | 35 | 25 | 16 | 100 | 50 | | 5 | | | 25 | | | 16 |
| Cap. / TC Code | X5R, B | X6S | X7Δ | X6S | Χ7Δ | X5R, B | X6S | X5R, B | X5R, B | X5R | X5R | X6S | X7R | X5R, B | X6S | X5R | X7R | R | X6S | X5R | В | X7R |
| 68pF | | | | | | | | | | | | | | | | | | | | | | |
| 100pF | | | | | | | | | | | | | | | | | | | | | | |
| 150pF | | | | | | | | | | | | | | | | | | | | | | |
| 220pF | | | | | | | | | | | | | | | | | | | | | | |
| 330pF | | | | | | | | | | | | | | | | | | | | | | |
| 470pF | | | | | | | | | | | | | | ! | | | | | | | | |
| 680pF | | | | | | | | | | | | | | | | | | | | | | |
| 1000pF | | | | | | | | | | | | | | | | | | | | | | |
| 1500pF | | | | | | | | | | | | | | | | | | | | | | |
| 2200pF | | | | | | | | | | | | | | | | | | | | | | |
| 3300pF | | | | | | | | | | | | | | | | | | | | | | |
| 4700pF | | | | | | | | | | | | | | | | | | | | | | |
| 6800pF | | | | | | | | | | | | | p72 | | | | | | | | | |
| 10000pF | | | | | | | | | | | | | p72 | | | | | | | | | |
| 12000pF | | | | | | | | | | | | | | | | | | | | | | |
| 15000pF | | | | | | | | | | | | | | | | | | | | | | |
| 18000pF | | | | | | | | | | | | | | | | | | | | | | |
| 22000pF | | | | | | | | | | | | | | | | | | | | | | |
| 27000pF | | | | | | | | | | | | | | | | | | | | | | |
| 33000pF | | | | | | | | | | | | | | p72 | | | | | | | | |
| 39000pF | | | | | | | | | | | | | | | | | | | | | | |
| 47000pF | | | | | | | | | | | | | | | | | | | | | | |
| 68000pF | | | | | | | | | | | | | | | | | p72 | p72 | | | | |
| 0.1µF | | | | | | | | | | | | | | | | | p72 | | | | | |
| 0.15µF | 0.9 p71 | | | | | | | | | | | | | | | | | | | | | |
| 0.22µF | 0.9 0.9 | | | | | | | | | | | | | | | | | | | | | |
| 0.33µF | 0.9 p71 | | 0.9 | | | | | | 0.9 <mark>0.9</mark> p71 p71 | | | | | p72 | | | | | | | | p72 |
| 0.47µF | pri | | 0.9 p71 0.9 p71 | | | | | | pri pri | | | | | | | | | | | | p72 | |
| | 0.9 0.9 | | 0.9 p71 | | | | | | 0.9 0.9 p71 p71 | | | | | | | | p72 | | | | p72 | p72 |
| 0.68μF 1.0μF | 0.9 0.9 | 0.9 | ρ/Τ | | 0.9 p71 | | | | pri pri | | p72 | p72 | | p72 p72 | | | p72 | | | | p72 | |
| 2.2µF | 0.9 0.9 | 0.9 p71 | 0.9 0.9 p71 p71 | 0.9 p71 | 0.9 p71 | | | | 0.9 0.9 p71 p71 | | | | | p72 p72 | | | | | p72 | p72 | p72 | p72 |
| 4.7µF | 0.95 0.95 | ρ/Ι | <i>ρ71 p71</i> | р/Г | р/Т | | 0.9 p72 | i | p/1 p/1 | p72 | | | | | , | p72 | İ | | | p72 | , . - | |
| 10µF | 1 p72 p72 | 1 p72 | 1 p72 | 1 p72 | 1 p72 | 0.9 0.9 p72 p72 | 0.9 p72 | 0.9 0.9 p72 p72 | 0.95 | | | | | | | | | | | p72 | p72 | |
| 22µF | ρ/2 | ρ/2 | ρ/2 | ρ/2 | ρ/2 | 1 1 p72 p72 | 1 p72 | 1 1 p72 p72 | prz | | | | | | | | | | | | , _ | |
| 47µF | | | | | | prz prz | - μ/2 | p/2 p/2 | | | | | | | | | | | | | | |
| 100µF | | | | | | | | | | | | | | | | | | | | | | |
| 150µF | | | | | | | | | | | | | | | | | | | | | | |
| Ισομι | | | 1 | | 1 | : | | | | | | 1 | | ! | | ! | | | : | | | |

Capacitance Table Part Number in the Part Number List refers to the page number printed at the bottom of the page.

| p00 ← Part Num | ber Li | st . | JIS: | R | В | El | A: X7 | 'R X | 78 | K7T | X7U | X6S | X6T | X5F | R X5 | S | | | | | | |
|---------------------|--------|------|------|-----|-----|-----|-------|------|-----|------------|------|------|--|------|------|-----|----------------------|---------|----------------------|-----|-----------------|-----|
| L×W (mm) | | | | | | | | | | | 2.0× | 1.25 | | | | | | | | | | |
| T max. (mm) | | | | | | 0.9 | 95 | | | | | | 0.95, 1 | - | 1 | | | | 1.35 | | | |
| Rated Voltage (Vdc) | | 1 | 6 | | | 10 | | | 6.3 | | 4 | 4 | 50 | 250 | 100 | 100 | 5 | 0 | | 25 | | 16 |
| Cap. / TC Code | R | X6S | X5R | В | Χ7Δ | X5R | В | X6S | X5R | В | X6S | X5R | X7R, R | X7R | X7R | X7R | X7R, R | X5R, B | X7R, R | X6S | X5R, B | X7R |
| 68pF | | | | | | | | | | | | | | | | | | | | | | |
| 100pF | | | | | | | | | | | | | | | | | | | | | | |
| 150pF | | | | | | | | | | | | | | | | | | | | | | 1 |
| 220pF | | | | | | | | | | | | | | | | | | | | | | |
| 330pF | | | | | | | | | | | | | | | | | | | | | | |
| 470pF | | | | | | | | | | | | | | | | | | | | | | |
| 680pF | | | | | | | | | | | | | | | | | | | | | | |
| 1000pF | | | | | | | | | | | | | | p143 | | | | | | | | |
| 1500pF | | | | | | | | | | | | | | p143 | | | | | | | | |
| 2200pF | | | | | | | | | | | | | | p143 | | | | | | | | |
| 3300pF | | | | | | | | | | | | | | p143 | | | | | | | | |
| 4700pF | | | | | | | | | | | | | | p143 | | | | | | | | |
| 6800pF | | | | | | | | | ! | | | | | p143 | | | | | | | | |
| 10000pF | | | | | | | | | | | | | 0.95 <i>p7</i> 2 | | | p73 | | | | | | |
| 12000pF | | | | | | | | | | | | | | | | | | | | | | |
| 15000pF | | | | | | | | | | | | | 0.95 <i>p7</i> 2 | | | p73 | | | | | | |
| 18000pF | | | | | | | | | | | | | | | | | | | | | | |
| 22000pF | | | | | | | | | | | | | 1 <i>p7</i> 3 | | | p73 | | | | | | |
| 27000pF | | | | | | | | | | | | | | | | | | | | | | |
| 33000pF | | | | | | | | | | | | | 0.95 <mark>0.95</mark> p72 <mark>p72</mark> | | | p73 | | | | | | |
| 39000pF | | | | | | | | | | | | | | | | | | | | | | |
| 47000pF | | | | | | | | | | | | | | | | p73 | p73 <mark>p73</mark> | p73 | | | | |
| 68000pF | | | | | | | | | | | | | | | | p73 | p73 <mark>p73</mark> | p73 | | | | |
| 0.1µF | | | | | | | | | | | | | | | | p73 | p73 <mark>p73</mark> | p73 | p73 <mark>p73</mark> | | | |
| 0.15µF | | | | | | | | | | | | | | | | | p73 | p73 | p73 <mark>p73</mark> | | p73 | |
| 0.22µF | | | | | | | | | | | | | | | p73 | | p73 | p73 | | | p73 | |
| 0.33µF | | | | | | | | | | | | | 0.95 <i>p7</i> 2 | | p73 | | | | | | p73 | |
| 0.47µF | | | | | | | | | | | | | | | | | p73 | p73 | | | | |
| 0.68µF | p72 | | | p72 | | | | | ! | | | | | | | | | p73 | p73 | | | 1 |
| 1.0µF | | | | | | | | | | | | | | | | | p73 | p73 p73 | | | | |
| 2.2µF | | | | | p72 | | | | | | | | | | | | | | | | p73 p7 3 | p73 |
| 4.7µF | | p72 | p72 | p72 | p72 | | | | | | | | | | | | | | | | p73 p7 3 | |
| 10µF | | | p72 | p72 | | | | p72 | | | p73 | | | | | | | | | | | |
| 22µF | | | | | | p72 | p72 | | p72 | p72 | | | | | | | | | | | | |
| 47µF | | | | | | | | | | | | p73 | | | | | | : | | | | |
| 100µF | | | | | | | | | | | | | | | | | | | | | | |
| 150µF | | | | | | | | | | | | | | | | | | 1 | | | | |

Capacitance Table [p00] Each number in the Part Number List refers to the page number printed at the bottom of the page.

| p00 ← Part Nur | nber Li | st J | JIS: | R | В | EI | A: X7 | 'R X | 78 | X7T | X7U | X6S | X6T | X51 | R X5 | S | | | | | | |
|---------------------|---------|-----------------|------|-----|-------------|----------------|----------------------|----------------|-----|-----|------|------|-----|-----|----------------|------|-----|------|-----|---------|-----|-----------------|
| L×W (mm) | | | | | | | | | | | 2.0× | 1.25 | | | | | | | | | | |
| T max. (mm) | | 1.0 | 35 | | | | | | | | 1.4 | | | | | | | | | 1.45 | | |
| Rated Voltage (Vdc) | | 16 | 10 | 6.3 | 100 | 50 | 2 | 5 | 1 | 6 | 1 | 0 | | 6.3 | | 4 | 4 | 250 | 25 | 6.3 | 4 | 4 |
| Cap. / TC Code | X6S | X5R, B | X6S | X6S | X7R | X5R, B | X7R, R | X5R, B | X7R | X6S | X7R | В | X7R | X6S | X5R, B | X7U | X6S | X7R | X5R | X5R, B | X6S | X5R, B |
| 68pF | | | | | | | | | | | | | | | | | | | | | | |
| 100pF | | | | | | | | | | | | | | | | | | | | | | |
| 150pF | | | | | | | | | | | | | | | | | | | | | | |
| 220pF | | | | | | | | | | | | | | | | | | | | | | |
| 330pF | | | | | | | ! | | | | | | | ! | | | | | | | | |
| 470pF | | | | | | | | | | | | | | | | | | | | | | |
| 680pF | | | | | | | | | | | | | | | | | | | | | | |
| 1000pF | | | | | | | | | | | | | | | | | | | | | | |
| 1500pF | | | | | | | | | | | | | | | | | | | | | | |
| 2200pF | | | | | | | | | | | | | | | | | | | | | | |
| 3300pF | | | | | | | | | | | | | | | | | | | | | | |
| 4700pF | | | | | | | ! | | ! | | | | | ! | | | | | | | | |
| 6800pF | | | | | | | | | | | | | | | | | | | | | | |
| 10000pF | | | | | | | | | | | | | | | | | | p143 | | | | |
| 12000pF | | | | | | | | | | | | | | | | | | | | | | |
| 15000pF | | | | | | | | | | | | | | | | | | | | | | |
| 18000pF | | | | | | | | | | | | | | | | | | | | | | |
| 22000pF | | | | | | | | | | | | | | | | | | | | | | |
| 27000pF | | | | | | | | | | | | | | | | | | | | | | |
| 33000pF | | | | | | | | | | | | | | | | | | | | | | |
| 39000pF | | | | | i ! ! | | | | | | | | | | | | | | | | | |
| 47000pF | | | | | | | | | | | | | | | | | | | | | | |
| 68000pF | | | | | | | | | | | | | | | | | | | | | | |
| 0.1µF | | | | | | | | | | | | | | | | | | | | | | |
| 0.15μF | | | | | | | | | | | | | | | | | | | | | | |
| 0.22µF | | | | | | | | | | | | | | | | | | | | | | |
| 0.33µF | | | | | | | | | | | | | | | | | | | | | | |
| 0.47µF | | | | | p73 | | | | ! | | | | | | | | | | | | | |
| 0.68µF | | | | | | | | | | | | | | | | | | | | | | |
| 1.0µF | | | | | | | p73 <mark>p73</mark> | p73 | | | | | | | | | | | | | | |
| 2.2µF | | p73 p73 | | | | p73 p73 | | | | | | | | | | | | | | | | |
| 4.7µF | p73 | p73 p7 3 | | | | p73 p73 | | | p73 | | p73 | | | | | | | | | | | |
| 10µF | | p73 p73 | p73 | p73 | | | | p73 p73 | | p73 | p73 | | p73 | | | | | | | | | |
| 22µF | | | | | | | | | | | | p73 | | p73 | p73 p73 | p74 | p74 | | p74 | | | |
| 47μF | | | | | | | | | | | | | | | | | | | | p74 p74 | p74 | p74 p7 4 |
| 100µF | | | | | | | | | | | | | | | | | | | | | | |
| 150µF | | | | | | | | | | | | | | | | | | | | | | |

Capacitance Table poo Each number in the Part Number List refers to the page number printed at the bottom of the page.

| p00 ← Part Num | nber Lis | st . | JIS: | R | В | El | A: X7 | 'R X | .7S | X7T | X7U | X6S | X6T | X5F | R X5 | is | | | | | | |
|---------------------|----------|------|------|-----|-------------|----------------------|-------|------|----------------|----------------|-----|---------|------|----------|------|----------------------|-----|-----|-----|----------------------------|-------------|------|
| L×W (mm) | | | | | | | | | | | 3.2 | ×1.6 | | | | | | | | | | |
| T max. (mm) | 0 | .7 | | | | | 0. | 95 | | | | | | | | 1.25 | | | | 1.25 | , 1.3 | 1.8 |
| Rated Voltage (Vdc) | 25 | 16 | 100 | 50 | 35 | 2 | 5 | 1 | 6 | 10 | 6 | .3 | 1000 | 630 | 250 | 5 | 0 | 1 | 6 | 100 | 25 | 630 |
| Cap. / TC Code | X5R, B | X6S | X7R | X7R | X5R | X7R, R | В | X6S | X5R, B | X5R, B | X6S | X5R, B | X7R | X7R | X7R | X7R, R | В | X6S | В | X7R | X5R, B | X7R |
| 68pF | | | | | | | | | | | | | | | | | | | | | | |
| 100pF | | | | | | | | | | | | | | | | | | | | | | |
| 150pF | | | | | ! | | | | | | | | | ! | | ! | | | | | | |
| 220pF | | | | | | | | | | | | | | | | | | | | | | |
| 330pF | | | | | | | | | | | | | | | | | | | | | | |
| 470pF | | | | | | | | | ! | | | | p144 | | | ! | | | | | | |
| 680pF | | | | | | | | | | | | | p144 | | | | | | | | | |
| 1000pF | | | | | | | | | | | | | p144 | p144 | | | | | | | | |
| 1500pF | | | | | | | | | | | | | p144 | p144 | | | | | | | | |
| 2200pF | | | | | | | | | | | | | p144 | p144 | | | | | | | | |
| 3300pF | | | | | | | | | | | | | p144 | p144 | | | | | | | | |
| 4700pF | | | | | | | | | | | | | p144 | p144 | | | | | | | | |
| 6800pF | | | | | | | | | | | | | | p144 | | | | | | | | |
| 10000pF | | | | | i ! ! | | | | | | | | | p144 | | i ! ! | | | | | | |
| 12000pF | | | | | | | | | | | | | | | | | | | | | | |
| 15000pF | | | p74 | | | | | | | | | | | | p143 | | | | | | | p144 |
| 18000pF | | | | | ! | | | | | | | | | | | | | | | | | |
| 22000pF | | | | | | | | | | | | | | | p143 | | | | | 1.25 <i>p74</i> | | |
| 27000pF | | | | | | | | | | | | | | | | | | | | | | |
| 33000pF | | | | | | | | | | | | | | | | | | | | 1.25 <i>p74</i> | | |
| 39000pF | | | | | | | | | | | | | | | | ! | | | | | | |
| 47000pF | | | | | | | | | | | | | | | | | | | | 1.25 <i>p74</i> | | |
| 68000pF | | | | | | | | | | | | | | | p143 | | | | | 1.25 p74 | | |
| 0.1µF | | | p74 | | | | | | | | | | | | | | | | | | | |
| 0.15µF | | | | | | | | | | | | | | | | p74 <mark>p74</mark> | | | | 1.25 p74 1.25 p74 | | |
| 0.22µF | | | | | | | | | | | | | | | | p74 <mark>p74</mark> | p74 | | | 1.25 p74 | 1.25 p74 | |
| 0.33µF | | | | p74 | | p74 <mark>p74</mark> | p74 | | | | | | | | | | | | | 1.0 | | |
| 0.47µF | | | | | | | | | p74 | | | | | | | p74 | | | | 1.3 p74 | | |
| 0.68µF | | | | | | | p74 | | | | | | | | | p74 | | | p74 | 1.3 <i>p74</i> | | |
| 1.0µF | | | | | 1 | | | | | | | | | | | p74 | p74 | | | | 1.0 | |
| 2.2µF | p74 p74 | p74 | | | ! | | | | i | | | | | ! | | ! | | | | | 1.3 p74 | |
| 4.7μF | | | | | | | | p74 | | | | | | | | | | | | | 1 25. | |
| 10μF | | | | | p74 | | | | p74 p74 | | | | | | | | | p74 | | | 1.25 p74 | |
| 22µF | | | | | | | | | | p74 p74 | p74 | p74 p74 | | | | | | | | | | |
| 47µF | | | | | ! ! | | | | : | | | | | ! ! | | ! ! | | | | | | |
| 100µF | | | | | | | | | | | | | | | | | | | | | | |
| 150µF | | | | | <u> </u> | | | | <u> </u> | | | 1 | | <u> </u> | | <u> </u> | | | | | | |

Capacitance Table poo Each number in the Part Number List refers to the page number printed at the bottom of the page.

| p00 ← Part Num | ber Lis | st . | JIS: | R | В | EI | A: X7 | RX | 778 | K7T | X7U | X6S | X6T | X5F | R X5 | S | | | | | | |
|---------------------|---------|------|---------|-----|-----|---------|----------------------|-----|----------------|---------|-----|-----------------|-----|--|--|---------------------------------|--|--------------------------|-----|-----|---------|-----|
| L×W (mm) | | | | | | | | | (| 3.2×1.6 | 5 | | | | | | | | | 3 | 3.2×2.5 | 5 |
| T max. (mm) | | | | | | | 1.8 | | | | | | | | | 1.8, 1.9 |) | | 1.9 | | 1 | |
| Rated Voltage (Vdc) | 250 | 5 | 0 | | 25 | | | 16 | | | 10 | | 6.3 | 100 | 6 | .3 | 4 | 4 | 4 | 6.3 | 4 | 1 |
| Cap. / TC Code | X7R | X7R | X5R, B | X7R | X6S | X5R, B | X7R, R | X6S | X5R, B | X7R | X6S | X5R, B | Χ7Δ | X7R | Х6∆ | X5R, B | X7U | Х6∆ | X5R | X5S | X6T | X5S |
| 68pF | | | | | | | | | | | | | | | | | | | | | | |
| 100pF | | | | | | | | | | | | | | | | | | | | | | |
| 150pF | | | | | | | | | | | | | | | | | | | | | | |
| 220pF | | | | | | | | | | | | | | | | | | | | | | |
| 330pF | | | | | | | | | | | | | | | | | | | | | | |
| 470pF | | | | | | | | | | | | | | | | | | | | | | |
| 680pF | | | | | | | | | | | | | | | | | | | | | | |
| 1000pF | | | | | | | | | | | | | | | | | | | | | | |
| 1500pF | | | | | | | | | | | | | | | | | | | | | | |
| 2200pF | | | | | | | | | | | | | | | | | | | | | | |
| 3300pF | | | | | | | | | | | | | | | | | | | | | | |
| 4700pF | | | | | | | | | | | | | | | | | | | | | | |
| 6800pF | | | | | | | | | | | | | | | | | | | | | | |
| 10000pF | | | | | | | | | | | | | | | | | | | | | | |
| 12000pF | | | | | | | | | | | | | | | | | | | | | | |
| 15000pF | | | | | | | | | | | | | | | | | | | | | | |
| 18000pF | | | | | | | | | | | | | | | | | | | | | | |
| 22000pF | | | | | | | | | | | | | | | | | | | | | | |
| 27000pF | | | | | | | | | | | | | | ! | | | | | | | | |
| 33000pF | p143 | | | | | | | | | | | | | | | | | | | | | |
| 39000pF | | | | | | | | | | | | | | | | | | | | | | |
| 47000pF | p143 | | | | | | | | | | | | | | | | | | | | | |
| 68000pF | | | | | | | | | | | | | | | | | | | | | | |
| 0.1µF | p143 | | | | | | | | | | | | | | | | | | | | | |
| 0.15µF | | | | | | | | | | | | | | i ! ! | | | | | | | | |
| 0.22µF | | | | | | | | | | | | | | | | | | | | | | |
| 0.33µF | | | | | | | | | | | | | | | | | | | | | | |
| 0.47µF | | | | | | | | | | | | | | | | | | | | | | |
| 0.68µF | | | | | | | | | | | | | | ! | | | | | | | | |
| 1.0µF | | | | | | | | | | | | | | 1.8 <i>p74</i> | | | | | | | | |
| 2.2µF | | p74 | p74 p74 | | | | | | | | | | | 1.8 <i>p74</i> 1.9 <i>p74</i> | | | | | | | | |
| 4.7μF | | p74 | p74 | p74 | | | p74 <mark>p74</mark> | | | | | | | | | | | | | | | |
| 10μF | | | | p74 | p74 | p74 p74 | p74 | | p74 p74 | | | | | | | | | | | | | |
| 22µF | | | | | | p74 p74 | | p74 | p74 p74 | p74 | p74 | p74 p7 4 | p74 | | 1.8 p74 | | | | | | | |
| 47μF | | | | | | | | | | | | p74 p7 4 | p74 | | 1.8 p74 | 1.8 <mark>1.8</mark> p74 p74 | 1.8 p74 | 1.8 <i>p74</i> | | | | |
| 100μF | | | | | | | | | | | | | | | 1.8 p74 1.8 p74 1.9 p74 | 1.9 <i>p74</i> | 1.8 <i>p74</i> 1.9 <i>p74</i> | 1.8 p74 1.9 p74 | p74 | | | |
| 150µF | | | | | | | | | | | | | | | | | | | | p75 | p75 | p75 |

Capacitance Table Poo Each number in the Part Number List refers to the page number printed at the bottom of the page.

| p00 ← Part Num | ber Li | st . | JIS: | R | В | EI | A: X7 | 'R X | 75 | K7T | X7U | X6S | X6T | X5F | R X5 | S | | | | | | |
|---------------------|--------|------|------|------|-----|-----|-------------|------|------|------|------|------|-----|-----|------|-----------------|-----|---------|-----|-----|---------|-----|
| L×W (mm) | | | | | | | | | | | 3.2> | ×2.5 | | | | | | | | | | |
| T max. (mm) | 1 | | | 1 | .5 | | | 1.8 | | 2 | | 2. | .2 | | | | | 2.7 | | | | |
| Rated Voltage (Vdc) | 2.5 | 1000 | 630 | 250 | 5 | 0 | 10 | 100 | 1000 | 630 | 250 | 2 | 5 | 100 | 5 | 0 | 3 | 5 | | 25 | | 16 |
| Cap. / TC Code | X6T | X7R | X7R | X7R | X7R | В | X6S | X7R | X7R | X7R | X7R | X7R | X6S | X7R | X7R | X5R, B | X7R | X5R, B | X7R | X6S | X5R, B | X7R |
| 68pF | | | | | | | ! | | | | | | | | | | | | | | | |
| 100pF | | | | | | | | | | | | | | | | | | | | | | |
| 150pF | | | | | | | | | | | | | | | | | | | | | | |
| 220pF | | | | | | | | | | | | | | | | | | | | | | |
| 330pF | | | | | | | | | | | | | | | | | | | | | | |
| 470pF | | | | | | | | | | | | | | | | | | | | | | |
| 680pF | | | | | | | | | | | | | | | | | | | | | | |
| 1000pF | | | | | | | | | | | | | | | | | | | | | | |
| 1500pF | | | | | | | | | | | | | | | | | | | | | | |
| 2200pF | | | | | | | | | | | | | | | | | | | | | | |
| 3300pF | | | | | | | | | | | | | | | | | | | | | | |
| 4700pF | | | | | | | | | | | | | | | | | | | | | | |
| 6800pF | | p144 | | | | | | | | | | | | | | | | | | | | |
| 10000pF | | p144 | | | | | | | | | | | | | | | | | | | | |
| 12000pF | | | | | | | | | | | | | | | | | | | | | | |
| 15000pF | | | | | | | | | p144 | | | | | | | | | | | | | |
| 18000pF | | | | | | | | | | | | | | | | | | | | | | |
| 22000pF | | | p144 | | | | | | p144 | | | | | | | | | | | | | |
| 27000pF | | | | | | | | | | | | | | | | | | | | | | |
| 33000pF | | | | | | | | | | p144 | | | | | | | | | | | | |
| 39000pF | | | | | | | | | | | | | | | | | | | | | | |
| 47000pF | | | | | | | i ! ! | | | p144 | | | | | | | | | | | | |
| 68000pF | | | | p143 | | | | | | | | | | | | | | | | | | |
| 0.1µF | | | | | | | | | | | p143 | | | | | | | | | | | |
| 0.15µF | | | | p143 | | | | | | | | | | | | | | | | | | |
| 0.22µF | | | | | | | | | | | p143 | | | | | | | | | | | |
| 0.33µF | | | | | | | | | | | | | | | | | | | | | | |
| 0.47µF | | | | | | | | | | | | | | | | | | | | | | |
| 0.68µF | | | | | p75 | p75 | | p75 | | | | | | | | | | ! | | | | 1 |
| 1.0µF | | | | | | | | p75 | | | | | | | | | | | | | | |
| 2.2µF | | | | | | | | | | | | | | p75 | | | | | | | | |
| 4.7µF | | | | | | | | | | | | | | | p75 | p75 | | | | | | |
| 10µF | | | | | | | | | | | | p75 | p75 | | p75 | p75 p7 5 | p75 | p75 p75 | | | | |
| 22µF | | | | | | | p75 | | | | | | | | | | | | p75 | p75 | p75 p75 | p75 |
| 47µF | | | | | | | ! | | | | | | | | | | | ! | | | | 1 |
| 100µF | | | | | | | | | | | | | | | | | | | | | | |
| 150µF | p75 | | | | | | | | | | | | | | | | | | | | | |

Capacitance Table poo Each number in the Part Number List refers to the page number printed at the bottom of the page.

| L×W (mm) | | | | | 3.2> | <2.5 | | | | | | 4 | 4.5×3.2 | 2 | | Ę | 5.7×5.0 |) |
|---------------------|-----|---------|-------------|-----|---------|------|-----|---------|-----|------|-------|---|---------|------|------------------|------|---------|-----|
| T max. (mm) | | | | | 2. | | | | | | 1. | .5 | | 2 | | | 2 | |
| Rated Voltage (Vdc) | 1 | 6 | | 10 | | | 6.3 | | 4 | 4 | 630 | 250 | 1000 | 630 | 250 | 1000 | 630 | 250 |
| Cap. / TC Code | X6S | X5R, B | X7R | X6S | X5R, B | Χ7Δ | X6S | X5R, B | X7U | X6S | X7R | X7R | X7R | X7R | X7R | X7R | X7R | X7I |
| 68pF | | | | | | | | | | | | | | | | | | |
| 100pF | | | | | | | | | | | | | | | | | | |
| 150pF | | | | | | | | | | | | | | | | | | |
| 220pF | | | | | | | | | | | | | | | | | | |
| 330pF | | | | | | | | | | | | | | | | | | |
| 470pF | | | | | | | | | | | | | | | | | | |
| 680pF | | | | | | | | | | | | | | | | | | |
| 1000pF | | | | | | | | | | | | | | | | | | |
| 1500pF | | | | | | | | | | | | | | | | | | |
| 2200pF | | | | | | | | 1 | 1 | | | | | 1 | | | | |
| 3300pF | | | | | | | | | | | | | | | | | | |
| 4700pF | | | | | | | | | | | | | | | | | | |
| 6800pF | | | | | | | | | | | | | | | | | | |
| 10000pF | | | | | | | | | | | | | | | | | | |
| 12000pF | | | | | | | | | | | | | | | | | | |
| 15000pF | | | | | | | | | | | | | | | | | | |
| 18000pF | | | | | | | | | | | | | | | | | | |
| 22000pF | | | | | | | | | | | | | | | | | | |
| 27000pF | | | | | | | | | | | | | | | | | | |
| 33000pF | | | | | | | | | | | | | p144 | | | | | |
| 39000pF | | | | | | | | | | | | | | | | | | |
| 47000pF | | | | | | | | | | | | | p144 | | | | | |
| 68000pF | | | | | | | | | | | p144 | | | | | p144 | | |
| 0.1µF | | | | | | | | | | | ,,,,, | | | p144 | | p144 | | |
| 0.15µF | | | | | | | | | | | | p143 | | , | | _ | p144 | İ |
| 0.22µF | | | | | | | | | | | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | p144 | | p144 | |
| 0.33µF | | | | | | | | | | | | | | | p144 | | μ | p14 |
| 0.47µF | | | | | | | | | | | | | | | p144 | | | p14 |
| 0.68µF | | | | | | | | | | | | | | | <i>P</i> · · · · | | | p14 |
| 1.0µF | | | | | | | | | | | | | | | | | | p14 |
| 2.2µF | | | | | | | | | | | | | | | | | | 10 |
| 4.7µF | | | | | | | | | | | | | | | | | | |
| 4.7μ1 10μF | | | | | | | | | | | | | | | | | | |
| 22µF | | p75 | | | | | | | | | | | | | | | | |
| 47μF | p75 | p75 p75 | n75 | p75 | p75 p75 | n75 | p75 | | | | | | | | | | | |
| 47μF 100μF | pro | pro pro | <i>p</i> 75 | ρ/S | pro pro | p75 | | p75 p75 | n75 | p75 | | | | | | | | |
| 150μF | | | | | | μτο | ρ/3 | pro pro | ρ/5 | pro | | | | | | | | |



| p00 ← Part Num | ber Lis | st c | JIS: | R | В | El | A: X7 | RX | 5R | | | | | | | | | | | | | |
|---------------------|---------|------|------|------|-----|-----|-------|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|
| Number of Elements | | | | | | | | | | | 2 | 2 | | | | | | | | | | |
| L×W (mm) | | | 0.9> | <0.6 | | | | | | | | | | 1.37 | ×1.0 | | | | | | | |
| T max. (mm) | | | 0 | .5 | | | | | 0. | 55 | | | | | | | 0. | .7 | | | | |
| Rated Voltage (Vdc) | 1 | 6 | 1 | 0 | 4 | 1 | | 1 | 6 | | 1 | 0 | | 5 | 0 | | | 2 | 5 | | 16 | 6 |
| Cap. / TC Code | X5R | В | X5R | В | X5R | В | X7R | R | X5R | В | X5R | В | X7R | R | X5R | В | X7R | R | X5R | В | X7R | R |
| 470pF | | | | | | | | | | | | | | | | | | | | | | |
| 1000pF | | | | | | | | | | | | | p77 | p77 | p77 | p77 | | | | | | |
| 2200pF | | | | | | | | | | | | | | | | | p77 | p77 | p77 | p77 | | |
| 4700pF | | | | | | | | | | | | | | | | | p77 | p77 | p77 | p77 | | |
| 10000pF | p77 | p77 | p77 | p77 | | | | | | | | | | | | | p77 | p77 | p77 | p77 | | |
| 22000pF | p77 | p77 | p77 | p77 | | | | | | | | | | | | | | | | | p77 | p77 |
| 47000pF | p77 | p77 | p77 | p77 | | | | | | | | | | | | | | | | | p77 | p77 |
| 0.1µF | p77 | p77 | p77 | p77 | | | p77 | p77 | | p77 | | | | | | | | | | | p77 | p77 |
| 0.22µF | | | | | | | | | | | | | | | | | | | | | | |
| 0.47µF | | | | | | | | | | | | | | | | | | | | | | |
| 1.0µF | | | | | p77 | p77 | | | p77 | | p77 | p77 | | | | | | | | | | |
| 2.2µF | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |

| Number of Elements | | | | | | 2 | 2 | | | | | | | | | | 4 | 4 | | | | |
|---------------------|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|-----|-----|-----|-----|
| L×W (mm) | | | | | | 1.37 | ×1.0 | | | | | | | | | | 2.0× | 1.25 | | | | |
| T max. (mm) | | | 0. | .7 | | | | | 0. | .8 | | | | | | 0.55 | | | | | 0.7 | |
| Rated Voltage (Vdc) | 1 | 6 | | 1 | 0 | | 1 | 6 | 1 | 0 | 6. | .3 | | 16 | | 1 | 0 | 6. | 3 | | 50 | |
| Cap. / TC Code | X5R | В | X7R | R | X5R | В | X5R | В | X5R | В | X5R | В | X7R | R | В | X5R | В | X5R | В | X7R | R | В |
| 470pF | | | | | | | | | | | | | | | | | | | | p77 | | p77 |
| 1000pF | | | | | | | | | | | | | | | | | | | | p77 | p77 | p77 |
| 2200pF | | | | | | | | | ! | | | | | | | | | | | | | |
| 4700pF | | | | | | | | | | | | | | | | | | | | | | |
| 10000pF | | | | | | | | | | | | | | | | | | | | | | |
| 22000pF | p77 | p77 | p77 | p77 | p77 | p77 | | | : | | | | | | | | | | | | | |
| 47000pF | p77 | p77 | p77 | p77 | p77 | p77 | | | | | | | | | | | | | | | | |
| 0.1µF | | p77 | | | p77 | p77 | | | | | | | p77 | p77 | p77 | | | | | | | |
| 0.22µF | | | | | | | p77 | | | p77 | | | | | | p77 | p77 | p77 | p77 | | | |
| 0.47µF | | | | | | | | | | p77 | | | | | | | | | | | | |
| 1.0µF | | | | | | | p77 | p77 | p77 | p77 | | | | | | p77 | p77 | p77 | p77 | | | |
| 2.2µF | | | | | | | | | p77 | p77 | p77 | p77 | | | | | | | | | | |

| Number of Elements | | | | | 4 | 1 | | | | |
|---------------------|-----|-----|-----|-----|------|------|------|-----|-----|-----|
| L×W (mm) | | | | | 2.0× | 1.25 | | | | |
| T max. (mm) | | 0.7 | | | | | 0.95 | | | |
| Rated Voltage (Vdc) | | 25 | | | 16 | | 1 | 0 | 6. | .3 |
| Cap. / TC Code | X7R | R | В | X7R | R | В | X5R | В | X5R | В |
| 470pF | | | | | | | | | | |
| 1000pF | | | | | | | | | | |
| 2200pF | p77 | p77 | p77 | | | | | | | |
| 4700pF | p77 | p77 | p77 | | | | | | | |
| 10000pF | p77 | p77 | p78 | | | | | | | |
| 22000pF | | | | p78 | p78 | p78 | | | | |
| 47000pF | | | | p78 | p78 | p78 | | | | |
| 0.1µF | | | | p78 | p78 | p78 | | | | |
| 0.22µF | | | | | | | | | | |
| 0.47µF | | | | | | | | | | |
| 1.0µF | | | | | | | p78 | p78 | p78 | p78 |
| 2.2µF | | | | | | | | | | |

■ LLL Series High Dielectric Constant Type

| p00 ← Part Num | ber Lis | st E | EIA: X | (7R | X7S | X6S | X5R | | | | | | | | | | | | | | | |
|---------------------|---------|------|--------|-----|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|------|
| L×W (mm) | 0.5> | <1.0 | | | | | 0.8 | ×1.6 | | | | | | | | | 1.25 | ×2.0 | | | | |
| T max. (mm) | 0.: | 35 | | 0 | .5 | | 0.55 | | | 0.6 | | | | | 0. | .5 | | | | 0.7 | | 0.95 |
| Rated Voltage (Vdc) | 6.3 | 4 | 25 | 16 | 10 | 4 | 4 | 50 | 25 | 16 | 10 | 4 | 50 | 25 | 16 | 10 | 6.3 | 4 | 50 | 25 | 10 | 16 |
| Cap. / TC Code | X6S | X7S | X7R | X7R | X7R | X7S | X7S | X7R | X7R | X7R | X7R | X7S | X7R | X7R | X7R | X7R | X7R | X7S | X7R | X7R | X7R | X7R |
| 2200pF | | | | | | | | p80 | | | | | | | | | | | | | | |
| 4700pF | | | | | | | | p80 | | | | | | | | | | | | | | |
| 10000pF | | | p80 | | | | | | p80 | | | | p80 | | | | | | p80 | | | |
| 22000pF | | | | p80 | | | | | p80 | | | | | p80 | | | | | p80 | | | |
| 47000pF | | | | p80 | | | | | | p80 | | | | | p80 | | | | | p80 | | |
| 0.1µF | p80 | | | | p80 | | | | | | p80 | | | | p80 | | | | | p80 | | |
| 0.22µF | p80 | | | | | p80 | | | | | p80 | | | | | p80 | | | | | p80 | p80 |
| 0.47µF | | p80 | | | | | | | | | | p80 | | | | | p80 | | | | | |
| 1.0µF | | | | | | | p80 | | | | | | | | | | | p80 | | | | |
| 2.2µF | | | | | | | p80 | | | | | | | | | | | | | | | |
| 4.7µF | | | | | | | | | | | | | | | | | | | | | | |
| 10µF | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |

| L×W (mm) | 1.25 | ×2.0 | | | | | | | | 1.6×3.2 | 2 | | | | | | |
|---------------------|------|------|-----|-----|-----|-----|-----|-----|-----|---------|-----|-----|-----|-----|-----|-----|-----|
| T max. (mm) | 0.9 | 95 | | 0. | .5 | | | | 0.8 | | | | | 1. | 25 | | |
| Rated Voltage (Vdc) | 10 | 4 | 50 | 25 | 16 | 10 | 50 | 25 | 16 | 10 | 6.3 | 50 | 25 | 16 | 10 | 6 | .3 |
| Cap. / TC Code | X7R | X7S | X7R | X7R | X7R | X7R | X7R | X7R | X7R | X7R | X7R | X7R | X7R | X7R | X7R | X7R | X5R |
| 2200pF | | | | | | | | | | | | | | | | | |
| 4700pF | | | | | | | | | | | | | | | | | |
| 10000pF | | | p80 | | | | p80 | | | | | | | | | | |
| 22000pF | | | p80 | | | | p80 | | | | | | | | | | |
| 47000pF | | | | p80 | | | p80 | | | | | | | | | | |
| 0.1µF | | | | p80 | | | | p80 | | | | p80 | | | | | |
| 0.22µF | | | | | p80 | | | | p80 | | | | p80 | | | | |
| 0.47µF | p80 | | | | | p80 | | | p80 | | | | p80 | | | | |
| 1.0µF | p80 | | | | | | | | | p80 | | | | p80 | | | |
| 2.2µF | | p80 | | | | | | | | | p80 | | | | p80 | | |
| 4.7µF | | | | | | | | | | | | | | | | p80 | |
| 10µF | | | | | | | | | | | | | | | | | p80 |

| p00 ← Part Num | ber Lis | st E | IA: X | (7S |
|---------------------|---------|------|-------|------|
| L×W (mm) | | 0.8 | <1.6 | |
| T max. (mm) | | 0. | 55 | |
| Rated Voltage (Vdc) | | 4 | 1 | |
| TC Code | | X | 7S | |
| Cap. / ESR (mΩ) | 100 | 220 | 470 | 1000 |
| 1.0µF | p80 | p80 | p80 | p80 |



■ LLA Series High Dielectric Constant Type

| p00 ← Part Num | nber Lis | st E | IA: X | (7R | X7S | | | | | | | | | | | | | |
|---------------------|-------------|------|-------|------|-----|------|------|-----|------|-----|-----|-----|------|-----|---------|-----|-----|-----|
| L×W (mm) | 1.6× 0.8 | | | | | 2.0× | 1.25 | | | | | | | ; | 3.2×1.6 | 6 | | |
| T max. (mm) | 0.55 | | | 0.55 | | | | | 0.95 | | | | 0.55 | | 0. | 95 | 1.3 | 25 |
| Rated Voltage (Vdc) | 4 | 25 | 16 | 10 | 6.3 | 4 | 25 | 16 | 10 | 6.3 | 4 | 16 | 10 | 6.3 | 16 | 10 | 16 | 10 |
| Cap. / TC Code | X7S | X7R | X7R | X7R | X7R | X7S | X7R | X7R | X7R | X7R | X7S | X7R | X7R | X7R | X7R | X7R | X7R | X7R |
| 10000pF | | p81 | | | | | p81 | | | | | | | | | | | |
| 22000pF | | p81 | | | | | p81 | | | | | | | | | | | |
| 47000pF | | | p81 | | | | p81 | | | | | | | | | | | |
| 0.1µF | p81 | | p81 | | | | | p81 | | | | | | | | | | |
| 0.22µF | p81 | | | p81 | | | | p81 | | | | p81 | | | | | | |
| 0.47µF | p81 | | | | p81 | | | | p81 | | | | p81 | | p81 | | | |
| 1.0µF | p81 | | | | | p81 | | | | p81 | | | | p81 | | p81 | p81 | |
| 2.2µF | p81 | | | | | p81 | | | | | p81 | | | p81 | | | | p81 |
| 4.7µF | | | | | | p81 | | | | | p81 | | | | | | | |

| p00 ← Part Num | ber Lis | st E | IA: X | 7R | X7S | | |
|---------------------|---------|------|-------|-----|-----|---------|-----|
| L×W (mm) | | 2.0× | 1.25 | | ; | 3.2×1.6 | 6 |
| T max. (mm) | | 0. | 55 | | | 0.55 | |
| Rated Voltage (Vdc) | 25 | 16 | 6.3 | 4 | 16 | 10 | 6.3 |
| Cap. / TC Code | X7R | X7R | X7R | X7S | X7R | X7R | X7R |
| 10000pF | p81 | | | | | | |
| 22000pF | p81 | | | | | | |
| 47000pF | | p81 | | | | | |
| 0.1µF | | p81 | | | p81 | | |
| 0.22µF | | | p81 | | p81 | | |
| 0.47µF | | | p81 | | | p81 | |
| 1.0µF | | | | p81 | | | |
| 2.2µF | | | | p81 | | | p81 |



■ GJM Series Temperature Compensating Type



The indication for every 0.1 pF has been omitted for less than 10 pF.
Refer to the Part Number List for details.



■ GQM Series Temperature Compensating Type



The indication for every 0.1 pF has been omitted for less than 10 pF.
Refer to the Part Number List for details.



| p00 ← Part Nun | nber Lis | st . | JIS: | R | В | EI | A: X7 | 'R X | 5R | | | | | | | | | |
|---------------------|----------|-------|------|------|------|------|-------|------|------|------|------|------|------|------|------|-------------|------|------|
| L×W (mm) | 0.38 | <0.38 | | | | 0.5 | ×0.5 | | | | | | | 0.8 | <0.8 | | | |
| T max. (mm) | 0. | 35 | | | | 0 | .4 | | | | | | | 0 | .6 | | | |
| Rated Voltage (Vdc) | 1 | 0 | 100 | 2 | 5 | | 10 | | 6. | .3 | 100 | 2 | 5 | | 10 | | 6 | .3 |
| Cap. / TC Code | X7R | R | X7R | X7R | В | X7R | R | В | X5R | В | X7R | X7R | В | X7R | R | В | X5R | В |
| 100pF | | | p114 | | | | | | | | | | | | | | | |
| 150pF | | | p114 | | | | | | | | | | | | | | | |
| 220pF | | | p114 | | | | | | | | | | | | | | | |
| 330pF | | | p114 | | | | | | | | | | | | | | | |
| 470pF | | | p114 | | | | | | | | | | | | | | | |
| 680pF | | | p114 | | | | | | | | | | | | | ! | | |
| 1000pF | | | p114 | | | | | | | | | | | | | | | |
| 1500pF | | | | p114 | p114 | | | | | | p114 | | | | | | | |
| 2200pF | | | | p114 | p114 | | | | | | p114 | | | | | | | |
| 3300pF | | | | p114 | p114 | | | | | | p114 | | | | | | | |
| 4700pF | | | | p114 | p114 | | | | | | p114 | | | | | | | |
| 6800pF | | | | | | p114 | p114 | p114 | | | p114 | | | | | ! | | |
| 10000pF | p114 | p114 | | | | p114 | p114 | p114 | | | | p114 | p114 | | | | | |
| 15000pF | | | | | | p114 | p114 | p114 | | | | p114 | p114 | | | | | |
| 22000pF | | | | | | p114 | p114 | p114 | | | | p114 | p114 | | | i ! ! | | |
| 33000pF | | | | | | | | | | | | | | p114 | p114 | p114 | | |
| 47000pF | | | | | | | | | | | | | | p114 | p114 | p114 | | |
| 68000pF | | | | | | | | | | | | | | p114 | p114 | p114 | | |
| 0.1µF | | | | | | | | | p114 | p114 | | | | p114 | p114 | p114 | | |
| 0.47μF | | | | | | | | | | | | | | | | | p114 | p114 |



| p00 ← Part Num | ber Lis | st . | JIS: | R | В | El | A: X7 | 'R X | 5R | | | | | | | | | | | | | |
|---------------------|---------|------|------|------|------|---------|-------|------|------|------|------|------|------|------|------|------|---------|------|------|---|------|------|
| L×W (mm) | | | | | (| 0.6×0.3 | 3 | | | | | | | | | | 1.0×0.5 | 5 | | | | |
| T max. (mm) | | | | | | 0.33 | | | | | | | | | | | 0.55 | | | | | |
| Rated Voltage (Vdc) | | 25 | | | 16 | | | 10 | | 6. | .3 | | 50 | | | 25 | | | 16 | | 10 | 0 |
| Cap. / TC Code | X7R | R | В | X7R | R | В | X7R | R | В | X5R | В | X7R | R | В | X7R | R | В | X7R | R | В | X5R | В |
| 100pF | p116 | p116 | p116 | | | | | | | | | | | | | | | | | | | |
| 120pF | p116 | p116 | p116 | | | | | | | | | | | | | | | | | | | |
| 150pF | p116 | p116 | p116 | | | | | | | | | | | | | | | | | | | |
| 180pF | p116 | p116 | p116 | | | | | | | | | | | | | | | | | | | |
| 220pF | p116 | p116 | p116 | | | | | | | | | p116 | p116 | p117 | | | | | | | | |
| 270pF | p116 | p116 | p116 | | | | | | | | | p116 | p117 | p117 | | | | | | | | |
| 330pF | p116 | p116 | p116 | | | | | | | | | p116 | p117 | p117 | | | | | | | | |
| 390pF | p116 | p116 | p116 | | | | | | | | | p116 | p117 | p117 | | | | | | | | |
| 470pF | p116 | p116 | p116 | | | | | | | | | p116 | p117 | p117 | | | | | | | | |
| 560pF | p116 | p116 | p116 | | | | | | | | | p116 | p117 | p117 | | | | | | | | |
| 680pF | p116 | p116 | p116 | | | | | | | | | p116 | p117 | p117 | | | | | | | | |
| 820pF | p116 | p116 | p116 | | | | | | | | | p116 | p117 | p117 | | | | | | | | |
| 1000pF | p116 | p116 | p116 | | | | | | | | | p116 | p117 | p117 | | | | | | | | |
| 1200pF | p116 | p116 | p116 | | | | | | | | | p116 | p117 | p117 | | | | | | | | |
| 1500pF | p116 | p116 | p116 | | | | | | | | | p116 | p117 | p117 | | | | | | | | |
| 1800pF | | | | p116 | p116 | p116 | | | | | | p116 | p117 | p117 | | | | | | | | |
| 2200pF | | : | | p116 | p116 | p116 | | | | | | p116 | p117 | p117 | | | | | | | | |
| 2700pF | | | | p116 | p116 | p116 | | | | | | p116 | p117 | p117 | | | | | | | | |
| 3300pF | | | | p116 | p116 | p116 | | | | | | p116 | p117 | p117 | | | | | | | | |
| 3900pF | | | | | | | p116 | p116 | p116 | | | p116 | p117 | p117 | | | | | | | | |
| 4700pF | | | | | | | p116 | p116 | p116 | | | p116 | p117 | p117 | | | | | | | | |
| 5600pF | | | | | | | p116 | p116 | p116 | | | | | | p117 | p117 | p117 | | | | | |
| 6800pF | | | | | | | p116 | p116 | | | | | | ! | p117 | p117 | p117 | | | | | |
| 8200pF | | | | | | | p116 | p116 | p116 | | | | | | p117 | p117 | p117 | | | | | |
| 10000pF | | | | | | | p116 | p116 | p116 | | | | | | p117 | p117 | | | | | | |
| 12000pF | | | | | | | | | | | | | | | p117 | p117 | - | | | | | |
| 15000pF | | | | | | | | | | | | | | | p117 | p117 | | | | | | |
| 18000pF | | | | | | | | | | | | | | | p117 | p117 | | | | | | |
| 22000pF | | | | | | | | | | | | | | | p117 | - | | | | | | |
| 27000pF | | | | | | | | | | | | | | | | p117 | | | | | | |
| 33000pF | | | | | | | | | | | | | | ! | | | | | | | | |
| 39000pF | | | | | | | | | | | | | | | p117 | p117 | | | | | | |
| 47000pF | | | | | | | | | | | | | | | p117 | p117 | p117 | | | | | |
| 56000pF | | | | | | | | | | p116 | | | | | | | | p117 | | | | |
| 68000pF | | | | | | | | | | p116 | | | | | | | | p117 | | | | |
| 82000pF | | | | | | | | | | p116 | | | | | | | | p117 | | | | |
| 0.1µF | | | | | | | | | | p116 | p116 | | | ! | | | | p117 | p117 | | | |
| 0.12µF | | | | | | | | | | | | | | | | | | | | | p117 | |
| 0.15µF | | | | | | | | | | | | | | | | | | | | | p117 | |
| 0.18µF | | | | | | | | | | | | | | | | | | | | | p117 | |
| 0.22µF | | | | | | | | | | | | | | | | | | | | | p117 | |
| 0.27μF | | | | | | | | | | | | | | | | | | | | | p117 | |
| 0.33µF | | | | | | | | | | | | | | | | | | | | | p117 | |
| 0.39µF | | | | | | | | | | | | | | | | | | | | | p117 | |
| 0.47μF | | | | | | | | | | | | | | | | | | | | | p117 | p117 |



■ GRJ Series High Dielectric Constant Type

| | 3 | | | | | | , | | | | | | | | | | | | | | | |
|---------------------|--------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------|------|------|------|---------|------|
| p00 ← Part Num | ber Li | st E | EIA: | K7R | | | | | | | | | | | | | | | | | | |
| L×W (mm) | 2.0× | 1.25 | | | 3.2 | ×1.6 | | | | | 3.2 | ×2.5 | | | | | 4.5×3.2 | 2 | | į | 5.7×5.0 |) |
| T max. (mm) | 1 | 1.45 | | 1.25 | | | 1.8 | | | 1.5 | | | 2 | | 1 | .5 | | 2 | | | 2 | |
| Rated Voltage (Vdc) | 250 | 250 | 1000 | 630 | 250 | 1000 | 630 | 250 | 1000 | 630 | 250 | 1000 | 630 | 250 | 630 | 250 | 1000 | 630 | 250 | 1000 | 630 | 250 |
| Cap. / TC Code | X7R | X7R | X7R | X7R | X7R | X7R | X7R | X7R | X7R | X7R | X7R | X7R | X7R | X7R | X7R | X7R | X7R | X7R | X7R | X7R | X7R | X7R |
| 470pF | | | p149 | | | | | | | | | | | | | | | | | | | |
| 680pF | | | p149 | | | | | | | | | | | | | | | | | | | |
| 1000pF | p148 | | p149 | p149 | | | ! | | | | | | | | | ! | | | | | | |
| 1500pF | p148 | | p149 | p149 | | | | | | | | | | | | | | | | | | |
| 2200pF | p148 | | p149 | p149 | | | | | | | | | | | | | | | | | | |
| 3300pF | p148 | | p149 | p149 | | | | | | | | | | | | | | | | | | |
| 4700pF | p148 | | p149 | p149 | | | | | | | | | | | | | | | | | | |
| 6800pF | p148 | | | p149 | | p149 | | | p149 | | | | | | | | | | | | | |
| 10000pF | | p148 | | p149 | | p149 | | | p149 | | | | | | | ! | | | | | | |
| 15000pF | | p148 | | | p148 | | p149 | | | | | p149 | | | | | | | | | | |
| 22000pF | | p148 | | | p148 | | p149 | | | p149 | | p149 | | | | | | | | | | |
| 33000pF | | | | | | | | p148 | | | | | p149 | | | ! | p149 | | | | | |
| 47000pF | | | | | | | | p148 | | | | | p149 | | | | p149 | | | | | |
| 68000pF | | | | | p148 | | | | | | p148 | | | | p149 | | | | | p149 | | |
| 0.1µF | | | | | | | | p148 | | | | | | p148 | | | | p149 | | p149 | | |
| 0.15µF | | | | | | | | | | | p148 | | | | | p148 | | | | | p149 | |
| 0.22µF | | | | | | | | | | | | | | p148 | | | | | p148 | | p149 | |
| 0.33µF | | | | | ! | | ! | | | | | | | | | ! | | | p148 | | | p148 |
| 0.47µF | | | | | | | | | | | | | | | | | | | p148 | | | p148 |
| 0.68µF | | | | | | | | | | | | | | | | | | | | | | p148 |
| 40.5 | | | | | | | | | | | | | | | | | | | | | | 140 |

| p00 ← Part Num | ber L | ist | EIA: | X7T | | | | | | | | | | | | | | | | | | | | | |
|---------------------|-------|------|------|------|------|------|------|------|------|------|------|------|--------|------|------|------|------|------|------|------|------|------|------|------|------|
| L×W (mm) | 2.0× | 1.25 | | | | 3.2 | ×1.6 | | | | | 3 | 3.2×2. | 5 | | | 4.5 | <3.2 | | | | 5.7 | ×5.0 | | |
| T max. (mm) | 1 | 1.45 | | 1 | | 1.25 | | | 1.8 | | 1. | .5 | | 2 | | 1.5 | | 2 | | | 2 | | | 2.7 | |
| Rated Voltage (Vdc) | 250 | 250 | 450 | 250 | 630 | 450 | 250 | 630 | 450 | 250 | 630 | 250 | 630 | 450 | 250 | 250 | 630 | 450 | 250 | 630 | 450 | 250 | 630 | 450 | 250 |
| Cap. / TC Code | X7T | X7T | X7T | X7T | X7T | X7T | X7T | X7T | X7T | X7T | X7T | X7T | X7T | X7T | X7T | X7T | X7T | X7T | X7T | X7T | X7T | X7T | X7T | X7T | X7T |
| 10000pF | p153 | | p153 | | p154 | | | | | | | | | | | | | | | | | | | | |
| 15000pF | p153 | | p153 | | | | | p154 | | | | | | | | | | | | | | | | | |
| 22000pF | | p153 | | | | p153 | | | | | p154 | | | | | | | | | | | | | | |
| 33000pF | | | | p153 | | p153 | | | | | | | p154 | | | | | | | | | | | | |
| 47000pF | | | | | | | p153 | | p153 | | | | p154 | | | | | | | | | | | | |
| 68000pF | | | | | | | | | | p153 | | | | p153 | | | p154 | | | | | | | | |
| 0.1µF | | | | | | | | | | | | p153 | | p153 | | | | | | p154 | | | | | |
| 0.15µF | | | | | | | | | | | | | | | p153 | | | p153 | | p154 | | | | | |
| 0.22µF | | | | | | | | | | | | | | | | p153 | | | | | p153 | | p154 | | |
| 0.27µF | | | | | | | | | | | | | | | | | | | | | | | p154 | | |
| 0.33µF | | | | | | | | | | | | | | | | | | | p153 | | p153 | | | | |
| 0.47µF | | | | | | | | | | | | | | | | | | | | | p153 | p153 | | | |
| 0.56µF | | | | | | | | | | | | | | | | | | | | | | | | p153 | |
| 0.68µF | | | | | | | | | | | | | | | | | | | | | | p153 | | | |
| 1.0µF | | | | | | | | | | | | | | | | | | | | | | | | | p153 |

■ GRM/DC3.15kV Series High Dielectric Constant Type ■ GR7 Series

EIA: COG

p00 ← Part Number List L×W (mm) 4.5× 2.0 T max. (mm) 1 Rated Voltage (Vdc) 3150 Cap. / TC Code C0G 5.0pF 10pF 12pF 15pF 18pF 22pF 27pF 39pF 47pF

| p00 ← Part Num | ber Li | st N | /lurata | Tempe | erature | Characteristic: |
|---------------------|--------|------|---------|---------|---------|-----------------|
| L×W (mm) | 2.0× | 1.25 | ; | 3.2×1.6 | 6 | |
| T max. (mm) | 1 | 1.45 | 1 | 1.25 | 1.8 | |
| Rated Voltage (Vdc) | 350 | 350 | 350 | 350 | 350 | |
| Cap. / TC Code | - | - | - | - | - | |
| 10000pF | p165 | | p165 | | | |
| 15000pF | p165 | | p165 | | | |
| 22000pF | | p165 | p165 | p165 | | |
| 27000pF | | p165 | p165 | | | |
| 33000pF | | | p165 | p165 | | |
| 47000pF | | | | | p165 | |

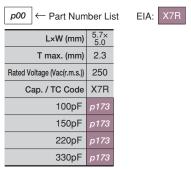
■ GR4 Series High Dielectric Constant Type

| p00 ← Part Num | ber Lis | st E | IA: X | 77R |
|---------------------|-------------|------|-------|-------------|
| L×W (mm) | 4.5× 2.0 | 4.5 | <3.2 | 5.7× 5.0 |
| T max. (mm) | 1.5 | 1.5 | 2 | 2 |
| Rated Voltage (Vdc) | 2000 | 2000 | 2000 | 2000 |
| Cap. / TC Code | X7R | X7R | X7R | X7R |
| 100pF | p161 | | | |
| 120pF | p161 | | | |
| 150pF | p161 | | | |
| 180pF | p161 | | | |
| 220pF | p161 | | | |
| 270pF | p161 | | | |
| 330pF | p161 | | | |
| 390pF | p161 | | | |
| 470pF | p161 | | | |
| 560pF | p161 | | | |
| 680pF | p161 | | | |
| 820pF | p161 | | | |
| 1000pF | p161 | | | |
| 1200pF | p161 | | | |
| 1500pF | p161 | | | |
| 1800pF | | p161 | | |
| 2200pF | | p161 | | |
| 2700pF | | p161 | | |
| 3300pF | | p161 | | |
| 3900pF | | p161 | | |
| 4700pF | | | p161 | |
| 10000pF | | | | p161 |

| p00 ← Part Num | nber Lis | st E | EIA: X | 77R |
|-----------------------------|-------------|------|--------|-------------|
| L×W (mm) | 4.5× 2.0 | 4.5> | <3.2 | 5.7× 5.0 |
| T max. (mm) | 1.5 | 1.5 | 2 | 2 |
| Rated Voltage (Vac(r.m.s.)) | 250 | 250 | 250 | 250 |
| Cap. / TC Code | X7R | X7R | X7R | X7R |
| 470pF | p169 | | | |
| 1000pF | p169 | | | |
| 2200pF | | p169 | | |
| 3300pF | | p169 | | |
| 4700pF | | | p169 | |
| 10000pF | | p169 | | |
| 22000pF | | p169 | | |
| 47000pF | | | p169 | |
| 0.1µF | | | | p169 |
| | | | | |



■ GA3 Series UL, IEC60384-14 Class X1/Y2 Type GC High Dielectric Constant Type



■ GA3 Series IEC60384-14 Class Y2, X1/Y2 Type GF

| p00 ← Part Num | nber Lis | st . | JIS: | SL | EIA | X7F | 3 |
|-----------------------------|----------|------|------|------|-------------|------|------|
| L×W (mm) | | 4.5 | <2.0 | | 5.7× 2.8 | 5.7> | <5.0 |
| T max. (mm) | 1 | 1.5 | 2 | .2 | 1.5 | 1.5 | 2 |
| Rated Voltage (Vac(r.m.s.)) | 250 | 250 | 250 | 250 | 250 | 250 | 250 |
| Cap. / TC Code | SL | X7R | SL | X7R | X7R | X7R | X7R |
| 10pF | | | p174 | | | | |
| 12pF | | | p174 | | | | |
| 15pF | | | p174 | | | | |
| 18pF | | | p174 | | | | |
| 22pF | | | p174 | | | | |
| 27pF | p174 | | | | | | |
| 33pF | p174 | | | | | | |
| 39pF | p174 | | | | | | |
| 47pF | p174 | | | | | | |
| 56pF | p174 | | | | | | |
| 68pF | p174 | | | | | | |
| 82pF | p174 | | | | | | |
| 100pF | | p174 | | | | | |
| 150pF | | p174 | | | | | |
| 220pF | | | | p174 | | | |
| 330pF | | | | p174 | | | |
| 470pF | | p174 | | | p174 | | |
| 680pF | | p174 | | | p174 | | |
| 1000pF | | | | p174 | p174 | | |
| 1500pF | | | | | p175 | | |
| 1800pF | | | | | | p175 | |
| 2200pF | | | | | | p175 | |
| 3300pF | | | | | | p175 | |
| 4700pF | | | | | | | p175 |

■ GA3 Series IEC60384-14 Class Y3 Type GD

| p00 ← Part Num | ber Lis | st . | JIS: | SL | EIA | : X7R |
|-----------------------------|---------|---------|------|------|------|-------|
| L×W (mm) | 4 | 4.5×2.0 |) | 4.5> | <3.2 | |
| T max. (mm) | 1 | 1.5 | 2.2 | 1.5 | 2 | |
| Rated Voltage (Vac(r.m.s.)) | 250 | 250 | 250 | 250 | 250 | |
| Cap. / TC Code | SL | X7R | SL | X7R | X7R | |
| 10pF | | | p176 | | | |
| 12pF | | | p176 | | | |
| 15pF | | | p176 | | | |
| 18pF | | | p176 | | | |
| 22pF | | | p176 | | | |
| 27pF | p176 | | | | | |
| 33pF | p176 | | | | | |
| 39pF | p176 | | | | | |
| 47pF | p176 | | | | | |
| 56pF | p176 | | | | | |
| 68pF | p176 | | | | | |
| 82pF | p176 | | | | | |
| 100pF | | p176 | | | | |
| 150pF | | p176 | | | | |
| 220pF | | p176 | | | | |
| 330pF | | p176 | | | | |
| 470pF | | p176 | | | | |
| 680pF | | p176 | | | | |
| 1000pF | | p176 | | | | |
| 1500pF | | p176 | | | | |
| 1800pF | | | | p176 | | |
| 2200pF | | | | p176 | | |
| 4700pF | | | | | p176 | |

■ GA3 Series IEC60384-14 Class X2 Type GB High Dielectric Constant Type

| p00 ← Part Number List EIA: X7R | | | | | | | | | | | |
|---------------------------------|---------|------|------|------|--|--|--|--|--|--|--|
| L×W (mm) | 5.7×5.0 | | | | | | | | | | |
| T max. (mm) | 1.5 | 2 | 2.5 | 2.9 | | | | | | | |
| Rated Voltage (Vac(r.m.s.)) | 250 | 250 | 250 | 250 | | | | | | | |
| Cap. / TC Code | X7R | X7R | X7R | X7R | | | | | | | |
| 10000pF | p177 | | | | | | | | | | |
| 15000pF | p177 | | | | | | | | | | |
| 22000pF | | p177 | | | | | | | | | |
| 33000pF | | | p177 | | | | | | | | |
| 47000pF | | | p177 | | | | | | | | |
| 56000pF | | | | p177 | | | | | | | |



■ KRM Series High Dielectric Constant Type

| p00 ← Part Num | nber Li | st E | EIA: X | (7R | X6S | X5R | | | | | | | | | | | | | | |
|---------------------|---------|------|--------|------|-------------|-------------|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| L×W (mm) | | 3.5 | ×1.7 | | 3.6× 1.7 | 3.7× 1.7 | 6.1×5.3 | | | | | | | | | | | | | |
| T max. (mm) | 2 | | 2.9 | | 2.9 | 2.9 | | ; | 3 | | | 3 | .9 | | Ę | 5 | | 6. | 7 | |
| Rated Voltage (Vdc) | 25 | 100 | 50 | 25 | 50 | 100 | 100 | 63 | 50 | 25 | 100 | 63 | 50 | 25 | 100 | 25 | 100 | 63 | 50 | 25 |
| Cap. / TC Code | X5R | X7R | X7R | X6S | X7R | X7R | X7R | X7R | X7R | X7R | X7R | X7R | X7R | X7R | X7R | X7R | X7R | X7R | X7R | X7R |
| 1.0µF | | p200 | | | | | | | | | | | | | | | | | | |
| 2.2µF | | | | | p200 | p200 | | | | | | | | | | | | | | |
| 4.7µF | | | p200 | | | | p200 | p200 | p200 | | | | | | | | | | | 1 |
| 6.8µF | | | | | | | | | | | p200 | | | | | | | | | |
| 10µF | p200 | | | p200 | | | | | | | | p200 | p200 | | p200 | | | | | |
| 15µF | | | | | | | | | | p200 | | | | | | | p200 | | | |
| 22µF | | | | | | | | | | | | | | p200 | | | | p200 | p200 | |
| 33µF | | | | | | | | | | | | | | | | p200 | | | | |
| 47µF | | | | | | | | | | | | | | | | | | | | p200 |

| p00 ← Part Number List EIA: X7T | | | | | | | | | | |
|---------------------------------|------|---------|------|------|------|------|------|------|------|------|
| L×W (mm) | | 6.1×5.3 | | | | | | | | |
| T max. (mm) | | 3 | | | 3.9 | | 5 | | 6.7 | |
| Rated Voltage (Vdc) | 630 | 450 | 250 | 630 | 450 | 250 | 450 | 630 | 450 | 250 |
| Cap. / TC Code | X7T | X7T | X7T | X7T | X7T | X7T | X7T | X7T | X7T | X7T |
| 0.1µF | p204 | | | | | | | | | |
| 0.15µF | p204 | | | | | | | | | |
| 0.22µF | | p204 | | p204 | | | | | | |
| 0.27µF | | | | p204 | | | | | | |
| 0.47µF | | p204 | p204 | | | | | p204 | | |
| 0.56µF | | | | | p204 | | | p204 | | |
| 1.0µF | | | | | | p204 | p204 | | | |
| 1.2µF | | | | | | | | | p204 | |
| 2.2µF | | | | | | | | | | p204 |



Part Numbering

Chip Monolithic Ceramic Capacitors

GR M 18 8 B1 1H 102 K A01 D (Part Number)

Product ID

2 Series

| 2 Series | | | | | | | | | |
|------------|---------------------|--|--|--|--|--|--|--|--|
| Product ID | Code | Series | | | | | | | |
| | J | Soft Termination Type | | | | | | | |
| | M | Tin Plated Layer | | | | | | | |
| GR | 3 | Large Capacitance and High Allowable Ripple Current | | | | | | | |
| | 4 | Only for Information Devices | | | | | | | |
| | 7 | Only for Camera Flash Circuit | | | | | | | |
| GQ | М | High Frequency for Flow/Reflow Soldering | | | | | | | |
| GM | Α | Monolithic Microchip | | | | | | | |
| GIVI | D | For Bonding | | | | | | | |
| GN | М | Capacitor Array | | | | | | | |
| | L | Low ESL Type | | | | | | | |
| LL | R | Controlled ESR Low ESL Type | | | | | | | |
| LL | Α | 8-termination Low ESL Type | | | | | | | |
| | М | 10-termination Low ESL Type | | | | | | | |
| | М | High Frequency Low Loss Type | | | | | | | |
| GJ | 4 | Low Distortion Type | | | | | | | |
| | 8 | Low Acoustic Type | | | | | | | |
| GA | 2 | For AC250V (r.m.s.) | | | | | | | |
| GA | 3 | Safety Standard Certified Type | | | | | | | |
| GW | GW M For Decoupling | | | | | | | | |

3Dimensions (LXW)

| Code | Dimensions (L×W) | EIA |
|------|------------------|--------|
| 02 | 0.4×0.2mm | 01005 |
| 03 | 0.6×0.3mm | 0201 |
| 05 | 0.5×0.5mm | 0202 |
| 08 | 0.8×0.8mm | 0303 |
| 0D | 0.38×0.38mm | 015015 |
| OM | 0.9×0.6mm | 0302 |
| 15 | 1.0×0.5mm | 0402 |
| 18 | 1.6×0.8mm | 0603 |
| 1M | 1.37×1.0mm | 0504 |
| 1U | 0.6×1.0mm | 02404 |
| 21 | 2.0×1.25mm | 0805 |
| 22 | 2.8×2.8mm | 1111 |
| 31 | 3.2×1.6mm | 1206 |
| 32 | 3.2×2.5mm | 1210 |
| 42 | 4.5×2.0mm | 1808 |
| 43 | 4.5×3.2mm | 1812 |
| 52 | 5.7×2.8mm | 2211 |
| 55 | 5.7×5.0mm | 2220 |

4 Dimension (T) (Except GNM)

| Code | Dimension (T) |
|------|----------------------------------|
| 2 | 0.2mm |
| 3 | 0.3mm |
| 4 | 0.4mm |
| 5 | 0.5mm |
| 6 | 0.6mm |
| 7 | 0.7mm |
| 8 | 0.8mm |
| 9 | 0.85mm |
| Α | 1.0mm |
| В | 1.25mm |
| С | 1.6mm |
| D | 2.0mm |
| E | 2.5mm |
| F | 3.2mm |
| M | 1.15mm |
| N | 1.35mm |
| Q | 1.5mm |
| R | 1.8mm |
| S | 2.8mm |
| Х | Depends on individual standards. |

4Elements (**GNM** Only)

| Code | Elements |
|------|------------|
| 2 | 2-elements |
| 4 | 4-elements |

Continued on the following page.







Continued from the preceding page.

5Temperature Characteristics

| | mperature cteristic Co | | Ter | mperature Cha | racteristics | Operating | Capac | citance C | hange | Each Te | mperatu | ıre (%) |
|------------|---------------------------|-----|--------------------------|----------------------|-----------------------------------|----------------------|----------|-------------|--------|---------|---------|--------------|
| Code | Public STD Co | | Reference Temperature | Temperature Range | Capacitance Change or Temperature | Temperature Range | | 5°C Min. | | 5°C | | O°C |
| 20 | | | • | | Coefficient | FF to 150°C | Max. | | Max. | Min. | Max. | Min. |
| 0C | CHA | *2 | 20°C | 20 to 150°C | 0±60ppm/°C | -55 to 150°C | 0.82 | -0.45 | 0.49 | -0.27 | 0.33 | -0.18 |
| 1C | CG | JIS | 20°C | 20 to 125°C | 0±30ppm/°C | -55 to 125°C | 0.54 | -0.23 | 0.33 | -0.14 | 0.22 | -0.09 |
| 1X | SL | JIS | 20°C | 20 to 85°C | +350 to -1000ppm/°C | -55 to 125°C | 0.00 | -0.45 | - 0.40 | - 0.07 | - | - 0.10 |
| 2C | CH | JIS | 20°C | 20 to 125°C | 0±60ppm/°C | -55 to 125°C | 0.82 | -0.45 | 0.49 | -0.27 | 0.33 | -0.18 |
| 2P | PH | JIS | 20°C | 20 to 85°C | -150±60ppm/°C | -25 to 85°C | - | - | 1.32 | 0.41 | 0.88 | 0.27 |
| 2R | RH | JIS | 20°C | 20 to 85°C | -220±60ppm/°C | –25 to 85°C | - | - | 1.7 | 0.72 | 1.13 | 0.48 |
| 2S | SH | JIS | 20°C | 20 to 85°C | -330±60ppm/°C | –25 to 85°C | - | - | 2.3 | 1.22 | 1.54 | 0.81 |
| 2T | TH | JIS | 20°C | 20 to 85°C | -470±60ppm/°C | –25 to 85°C | 1.07 | - | 3.07 | 1.85 | 2.05 | 1.23 |
| 3C | CJ | JIS | 20°C | 20 to 125°C | 0±120ppm/°C | -55 to 125°C | 1.37 | -0.9 | 0.82 | -0.54 | 0.55 | -0.30 |
| 3P | PJ | JIS | 20°C | 20 to 85°C | -150±120ppm/°C | –25 to 85°C | - | - | 1.65 | 0.14 | 1.1 | 0.09 |
| 3R | RJ | JIS | 20°C | 20 to 85°C | -220±120ppm/°C | –25 to 85°C | - | - | 2.03 | 0.45 | 1.35 | 0.3 |
| 3S | SJ | JIS | 20°C | 20 to 85°C | -330±120ppm/°C | –25 to 85°C | - | - | 2.63 | 0.95 | 1.76 | 0.63 |
| 3T | TJ | JIS | 20°C | 20 to 85°C | -470±120ppm/°C | –25 to 85°C | - | - | 3.4 | 1.58 | 2.27 | 1.05 |
| 3U | UJ | JIS | 20°C | 20 to 85°C | -750±120ppm/°C | –25 to 85°C | - | - | 4.94 | 2.84 | 3.29 | 1.89 |
| 4C | CK | JIS | 20°C | 20 to 125°C | 0±250ppm/°C | –55 to 125°C | 2.56 | -1.88 | 1.54 | -1.13 | 1.02 | -0.75 |
| 4P | PK | JIS | 20°C | 20 to 85°C | -150±250ppm/°C | –25 to 85°C | - | - | 2.36 | -0.45 | 1.57 | -0.3 |
| 4R | RK | JIS | 20°C | 20 to 85°C | -220±250ppm/°C | –25 to 85°C | - | - | 2.74 | -0.14 | 1.83 | -0.09 |
| 4S | SK | JIS | 20°C | 20 to 85°C | -330±250ppm/°C | –25 to 85°C | - | - | 3.35 | 0.36 | 2.23 | 0.24 |
| 4T | TK | JIS | 20°C | 20 to 85°C | -470±250ppm/°C | –25 to 85°C | - | - | 4.12 | 0.99 | 2.74 | 0.66 |
| 4U | UK | JIS | 20°C | 20 to 85°C | -750±250ppm/°C | –25 to 85°C | - | - | 5.65 | 2.25 | 3.77 | 1.5 |
| 5C | C0G | EIA | 25°C | 25 to 125°C | 0±30ppm/°C | –55 to 125°C | 0.58 | -0.24 | 0.4 | -0.17 | 0.25 | -0.1 |
| 5G | X8G | *2 | 25°C | 25 to 150°C | 0±30ppm/°C | −55 to 150°C | 0.58 | -0.24 | 0.4 | -0.17 | 0.25 | -0.1 |
| 6C | C0H | EIA | 25°C | 25 to 125°C | 0±60ppm/°C | –55 to 125°C | 0.87 | -0.48 | 0.59 | -0.33 | 0.38 | -0.2 |
| 6P | P2H | EIA | 25°C | 25 to 85°C | -150±60ppm/°C | −55 to 125°C | 2.33 | 0.72 | 1.61 | 0.5 | 1.02 | 0.32 |
| 6R | R2H | EIA | 25°C | 25 to 85°C | -220±60ppm/°C | –55 to 125°C | 3.02 | 1.28 | 2.08 | 0.88 | 1.32 | 0.56 |
| 6S | S2H | EIA | 25°C | 25 to 85°C | -330±60ppm/°C | −55 to 125°C | 4.09 | 2.16 | 2.81 | 1.49 | 1.79 | 0.95 |
| 6T | T2H | EIA | 25°C | 25 to 85°C | -470±60ppm/°C | −55 to 125°C | 5.46 | 3.28 | 3.75 | 2.26 | 2.39 | 1.44 |
| 7U | U2J | EIA | 25°C | 25 to 125°C *5 | -750±120ppm/°C | –55 to 125°C | 8.78 | 5.04 | 6.04 | 3.47 | 3.84 | 2.21 |
| B1 | B *1 | JIS | 20°C | −25 to 85°C | ±10% | –25 to 85°C | - | - | - | - | - | - |
| В3 | В | JIS | 20°C | −25 to 85°C | ±10% | –25 to 85°C | - | - | - | - | - | - |
| | _ | | | −25 to 85°C | ±20% | 05 : 105:0 | - | - | - | - | - | - |
| C3 | С | JIS | 20°C | 85 to 125°C | +15%, -30% | –25 to 125°C | - | - | - | - | - | - |
| C6 | X5S | EIA | 25°C | −55 to 85°C | ±22% | –55 to 85°C | - | - | - | - | - | - |
| C 7 | X7S | EIA | 25°C | -55 to 125°C | ±22% | –55 to 125°C | - | - | - | - | - | - |
| C8 | X6S | EIA | 25°C | -55 to 105°C | ±22% | –55 to 105°C | - | - | _ | - | _ | _ |
| D3 | D | JIS | 20°C | -25 to 125°C | +20%, -30% | –25 to 85°C | - | - | _ | - | _ | _ |
| D6 | X5T | EIA | 25°C | -55 to 125°C | +22%, -33% | –55 to 125°C | - | - | _ | - | _ | - |
| D7 | X7T | EIA | 25°C | -55 to 125°C | +22%, -33% | –55 to 125°C | - | _ | _ | _ | _ | - |
| D8 | X6T | EIA | 25°C | -55 to 105°C | +22%, -33% | –55 to 105°C | - | - | _ | _ | _ | _ |
| E1 | E (1/2Ur) | JIS | 20°C | −25 to 85°C | +20%, -55% | –25 to 85°C | - | - | _ | - | _ | _ |
| E4 | Z5U | EIA | 25°C | 10 to 85°C | +22%, -56% | 10 to 85°C | _ | _ | _ | _ | _ | _ |
| E7 | X7U | EIA | 25°C | –55 to 125°C | +22%, -56% | –55 to 125°C | _ | _ | _ | _ | _ | _ |
| F1 | | JIS | 20°C | | +30%, -80% | -25 to 85°C | _ | _ | | | | _ |
| | F *1 | | | -25 to 85°C | | | | - | | | | - |
| F4 | Z5V | EIA | 25°C | 10 to 85°C | +22%, -82% | –20 to 85°C | - | - | - | - | - | _ |
| F5 | Y5V JA | *2 | 25°C | -30 to 85°C | +22%, -82% | -30 to 85°C | <u> </u> | - | - | - | - | - |
| J1 | |) | 20°C | −25 to 105°C | –20% max. | –25 to 105°C | - | 1 - | _ | 1 - | - | - |

^{*1} Capacitance change is specified with 50% rated voltage applied.

Continued on the following page.





^{*2} Murata Temperature Characteristic Code.

^{*5} Rated Voltage 100Vdc max: 25 to 85°C

Continued from the preceding page.

| | mperature teristic Co | | Ter | mperature Cha | racteristics | Operating | Capacitance Change Each Temperature (%) | | | | | | |
|------|---|--------------|--------------------------|----------------------|---|----------------------|---|-------------|-------------|--------------------|---|--------------------|--|
| Code | Public STD Co | | Reference Temperature | Temperature Range | Capacitance Change or Temperature Coefficient | Temperature Range | -55 Max. | 5°C Min. | -28 Max. | –25°C Max. Min. | | -10°C Max. Min. | |
| R1 | R *1 | JIS | 20°C | –55 to 125°C | ±15% | −55 to 125°C | - | - | - | - | - | - | |
| R3 | R | JIS | 20°C | –55 to 125°C | ±15% | −55 to 125°C | - | - | - | - | - | - | |
| R6 | X5R | EIA | 25°C | −55 to 85°C | ±15% | –55 to 85°C | - | - | - | - | - | - | |
| R7 | X7R | EIA | 25°C | –55 to 125°C | ±15% | −55 to 125°C | - | - | - | - | - | - | |
| R8 | R *1 | JIS | 20°C | −25 to 85°C | ±15% | –25 to 85°C | - | - | - | - | - | - | |
| R9 | X8R | EIA | 25°C | –55 to 150°C | ±15% | −55 to 150°C | - | - | - | - | - | - | |
| Wo | | *0 | 25°C | –55 to 125°C | ±10% *3 | –55 to 125°C | - | - | - | - | - | - | |
| VVO | - *2 25°C -55 to 125°C +22%, -33% *4 -5 | -55 to 125 C | - | - | - | - | - | - | | | | | |

^{*1} Capacitance change is specified with 50% rated voltage applied.

6 Rated Voltage

| Code | Rated Voltage |
|------|---|
| 0E | DC2.5V |
| 0G | DC4V |
| 0J | DC6.3V |
| 1A | DC10V |
| 1C | DC16V |
| 1E | DC25V |
| YA | DC35V |
| 1H | DC50V |
| 2A | DC100V |
| 2D | DC200V |
| 2E | DC250V |
| YD | DC300V |
| 2W | DC450V |
| 2H | DC500V |
| 2J | DC630V |
| 3A | DC1kV |
| 3D | DC2kV |
| 3F | DC3.15kV |
| ВВ | DC350V (for Camera Flash Circuit) |
| E2 | AC250V |
| GC | X1/Y2; AC250V (Safety Standard Certified Type GC) |
| GF | Y2, X1/Y2; AC250V (Safety Standard Certified Type GF) |
| GD | Y3; AC250V (Safety Standard Certified Type GD) |
| GB | X2; AC250V (Safety Standard Certified Type GB) |

Capacitance

Expressed by three-digit alphanumerics. The unit is picofarad (pF). The first and second figures are significant digits, and the third figure expresses the number of zeros which follow the two numbers. If there is a decimal point, it is expressed by the capital letter " \mathbf{R} ." In this case, all figures are significant digits. If any alphabet, other than " \mathbf{R} ", is included, this indicates the specific part number is a non-standard part.

| Ex.) | Code | Capacitance |
|------|------|-------------|
| | R50 | 0.5pF |
| | 1R0 | 1.0pF |
| | 100 | 10pF |
| | 103 | 10000pF |

8 Capacitance Tolerance

| Code | Capacitance Tolerance |
|------|----------------------------------|
| В | ±0.1pF |
| С | ±0.25pF |
| D | ±0.5pF (10pF and below) |
| U | ±0.5% (10pF and over) |
| F | ±1% |
| G | ±2% |
| J | ±5% |
| K | ±10% |
| М | ±20% |
| N | ±30% |
| R | Depends on individual standards. |
| W | ±0.05pF |
| Х | Depends on individual standards. |
| Υ | Depends on individual standards. |
| Z | +80/–20% |

Individual Specification Code (Except LLR) Expressed by three figures.

9ESR (**LLR** Only)

| Code | ESR |
|------|--------|
| E01 | 100mΩ |
| E03 | 220mΩ |
| E05 | 470mΩ |
| E07 | 1000mΩ |

Packaging

| Code | Packaging | |
|------|-----------------------------|--|
| L | ø180mm Embossed Taping | |
| D | ø180mm Paper Taping | |
| E | ø180mm Paper Taping (LLL15) | |
| K | ø330mm Embossed Taping | |
| J | ø330mm Paper Taping | |
| F | ø330mm Paper Taping (LLL15) | |
| В | Bulk | |
| С | Bulk Case | |
| Т | Bulk Tray | |
| | | |



^{*2} Murata Temperature Characteristic Code.

^{*3} Apply DC350V bias.

^{*4} No DC bias.

Metal Terminal Monolithic Ceramic Capacitors

KR M 55 T R7 2A 106 M H01 K (Part Number) 1

Product ID

2Series

| Product ID | Code | Series | |
|------------|------|--|--|
| KR | M | Metal Terminal Monolithic Ceramic Capacitors (DC25V to DC100V) | |
| | | Metal Terminal Monolithic Ceramic Capacitors Large Capacitance and High Allowable Ripple Current Type (DC250V to DC630V) | |

4 Height Dimension (T)

| Code | Dimension (T) | |
|------|---------------|--|
| F | 1.9mm | |
| K | 2.7mm | |
| L | 2.8mm | |
| Q | 3.7mm | |
| Т | 4.8mm | |
| W | 6.4mm | |

③Chip Dimension (L×W)

| Code | Chip Dimension | EIA |
|------|----------------|------|
| 31 | 3.2×1.6mm | 1206 |
| 55 | 5.7×5.0mm | 2220 |

5Temperature Characteristics

| Temperature Characteristic Codes | | | Temperature Characteristics | | | Operating |
|----------------------------------|-----------------|-----|-----------------------------|----------------------|----------------------------|----------------------|
| Code | Public STD Code | | Reference Temperature | Temperature Range | Temperature Coefficient | Temperature Range |
| C8 | X6S | EIA | 25°C | −55 to 105°C | ±22% | –55 to 105°C |
| D7 | X7T | EIA | 25°C | –55 to 125°C | +22/-33% | –55 to 125°C |
| R6 | X5R | EIA | 25°C | –55 to 85°C | ±15% | –55 to 85°C |
| R7 | X7R | EIA | 25°C | −55 to 125°C | ±15% | –55 to 125°C |

6 Rated Voltage

| Code | Rated Voltage | |
|------|---------------|--|
| 1E | DC25V | |
| 1H | DC50V | |
| 1J | DC63V | |
| 2A | DC100V | |
| 2E | DC250V | |
| 2W | DC450V | |
| 2J | DC630V | |

8 Capacitance Tolerance

| Code | Capacitance Tolerance | |
|------|-----------------------|--|
| K | ±10% | |
| М | ±20% | |

Expressed by three figures.

Individual Specification Code

Capacitance

Expressed by three-digit alphanumerics. The unit is pico-farad (pF). The first and second figures are significant digits, and the third figure expresses the number of zeros that follow the two numbers.

| Е | X. | .) |
|---|----|----|

|) | Code | Capacitance |
|---|------|-------------|
| | 105 | 1.0µF |
| | 225 | 2.2µF |
| | 106 | 10μF |
| | 226 | 22µF |

Package

| Code | Package |
|------|------------------------|
| K | ø330mm Embossed Taping |



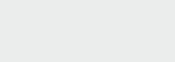
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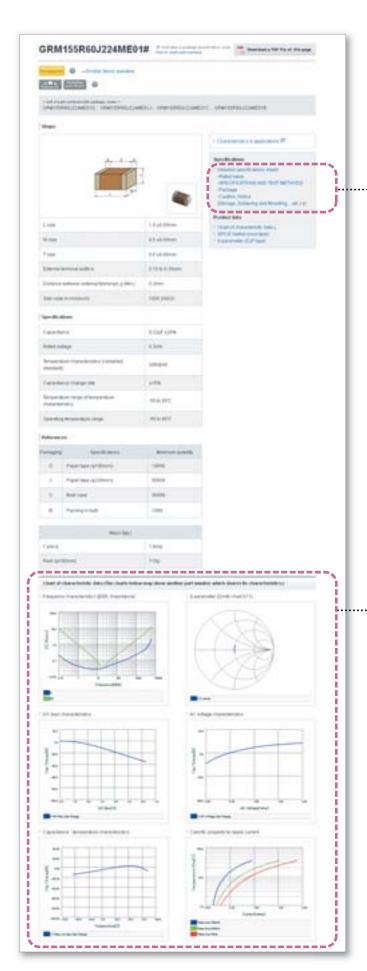




SEARCH

SPECIFICATIONS AND TEST METHODS, Package, Chart of characteristic data, please refer to the search for capacitor page WEB.

http://www.murata.com/products/capacitor/



Detailed specifications sheet

Rated value

...<u>O</u>

- SPECIFICATIONS AND TEST METHODS
- Package
- Caution, Notice (Storage, Soldering and Mounting,etc.)

Chart of characteristic data

The main products published characteristic data.

- Frequency characteristics(ESR, Impedance)
- S parameter(Smith chart S11)
- DC bias characteristics

0

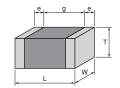
- AC voltage characteristics
- Capacitance temperature characteristics
- · Calorific property by ripple current

Chip Monolithic Ceramic Capacitors

For General Purpose GRM Series (Less than 250Vdc)

The most widely used capacitor in the world! Ideal capacitors can be selected from an abundant lineup.





- 1 Lineup of small size and large capacity capacitors is available.
- 2 Since the external electrodes consist of a plated structure, the product is excellent in soldering heat resistance, and flow (GRM18/21/31 types only) and reflow soldering can be used.
- 3 High reliability with no polarity.
- 4 Low impedance in high frequencies, and excellent in pulse response and noise elimination.
- The profile dimensions have been standardized with high precision, therefore high reliability can be acquired in the case of automatic mounting.
- Paper tape or embossed tape is used for the packaging, according to the chip size. GRM15/18/21 (T = 0.6, 1.25) can also be supplied in bulk cases.



0.4×0.2mm Compact

| 0.4 | ×0.2mı | Comp | pact | | |
|-----------|------------------|------------|--------|--------------------|--------------------|
| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number |
| 0.22mm | 16Vdc | COG | 0.2pF | ±0.05pF | GRM0225C1CR20WD05# |
| | | | | ±0.1pF | GRM0225C1CR20BD05# |
| | | | 0.3pF | ±0.05pF | GRM0225C1CR30WD05# |
| | | | | ±0.1pF | GRM0225C1CR30BD05# |
| | | | 0.4pF | ±0.05pF | GRM0225C1CR40WD05# |
| | | | | ±0.1pF | GRM0225C1CR40BD05# |
| | | | 0.5pF | ±0.05pF | GRM0225C1CR50WD05# |
| | | | | ±0.1pF | GRM0225C1CR50BD05# |
| | | | 0.6pF | ±0.05pF | GRM0225C1CR60WD05# |
| | | | | ±0.1pF | GRM0225C1CR60BD05# |
| | | | 0.7pF | ±0.05pF | GRM0225C1CR70WD05# |
| | | | | ±0.1pF | GRM0225C1CR70BD05# |
| | | | 0.8pF | ±0.05pF | GRM0225C1CR80WD05# |
| | | | | ±0.1pF | GRM0225C1CR80BD05# |
| | | | 0.9pF | ±0.05pF | GRM0225C1CR90WD05# |
| | | | | ±0.1pF | GRM0225C1CR90BD05# |
| | | | 1.0pF | ±0.05pF | GRM0225C1C1R0WD05# |
| | | | | ±0.1pF | GRM0225C1C1R0BD05# |
| | | | | ±0.25pF | GRM0225C1C1R0CD05# |
| | | | 1.1pF | ±0.05pF | GRM0225C1C1R1WD05# |
| | | | | ±0.1pF | GRM0225C1C1R1BD05# |
| | | | | ±0.25pF | GRM0225C1C1R1CD05# |
| | | | 1.2pF | ±0.05pF | GRM0225C1C1R2WD05# |
| | | | | ±0.1pF | GRM0225C1C1R2BD05# |
| | | | | ±0.25pF | GRM0225C1C1R2CD05# |
| | | | 1.3pF | ±0.05pF | GRM0225C1C1R3WD05# |
| | | | | ±0.1pF | GRM0225C1C1R3BD05# |
| | | | | ±0.25pF | GRM0225C1C1R3CD05# |
| | | | 1.4pF | ±0.05pF | GRM0225C1C1R4WD05# |
| | | | | ±0.1pF | GRM0225C1C1R4BD05# |
| | | | | ±0.25pF | |
| | | | 1.5pF | ±0.05pF | GRM0225C1C1R5WD05# |
| | | | - 1- | ±0.1pF | GRM0225C1C1R5BD05# |
| | | | | ±0.25pF | |
| | | | 1.6pF | ±0.05pF | |
| | | | | ±0.1pF | GRM0225C1C1R6BD05# |
| | | | | ±0.25pF | GRM0225C1C1R6CD05# |
| | | | 1.7pF | ±0.05pF | |
| | | | 1.7 pi | ±0.1pF | GRM0225C1C1R7BD05# |
| | | | | ±0.25pF | |
| | | | 1.8pF | ±0.05pF | |
| | | | 1.001 | ±0.1pF | GRM0225C1C1R8BD05# |
| | | | | | |
| | | | 1.9pF | ±0.25pF ±0.05pF | GRM0225C1C1R9WD05# |
| | | | ı.əpi | ±0.05pF | GRM0225C1C1R9BD05# |
| | | | | | |
| | | | 2 0n= | ±0.25pF | GRM0225C1C1R9CD05# |
| | | | 2.0pF | ±0.05pF | |
| | | | | ±0.1pF | GRM0225C1C2R0BD05# |
| | | | 0.1.5 | ±0.25pF | |
| | | | 2.1pF | ±0.05pF | |
| | | | | ±0.1pF | GRM0225C1C2R1BD05# |
| | | | | ±0.25pF | GRM0225C1C2R1CD05# |

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number |
|-----------|------------------|------------|-------|---------|--------------------|
| .22mm | 16Vdc | COG | 2.2pF | ±0.05pF | GRM0225C1C2R2WD05# |
| | | | | ±0.1pF | GRM0225C1C2R2BD05# |
| | | | | ±0.25pF | GRM0225C1C2R2CD05# |
| | | | 2.3pF | ±0.05pF | GRM0225C1C2R3WD05# |
| | | | | ±0.1pF | GRM0225C1C2R3BD05# |
| | | | | ±0.25pF | GRM0225C1C2R3CD05# |
| | | | 2.4pF | ±0.05pF | GRM0225C1C2R4WD05# |
| | | | | ±0.1pF | GRM0225C1C2R4BD05# |
| | | | | ±0.25pF | GRM0225C1C2R4CD05# |
| | | | 2.5pF | ±0.05pF | GRM0225C1C2R5WD05# |
| | | | | ±0.1pF | GRM0225C1C2R5BD05# |
| | | | | ±0.25pF | GRM0225C1C2R5CD05# |
| | | | 2.6pF | ±0.05pF | GRM0225C1C2R6WD05# |
| | | | | ±0.1pF | GRM0225C1C2R6BD05# |
| | | | | ±0.25pF | GRM0225C1C2R6CD05# |
| | | | 2.7pF | ±0.05pF | GRM0225C1C2R7WD05# |
| | | | | ±0.1pF | GRM0225C1C2R7BD05# |
| | | | | ±0.25pF | GRM0225C1C2R7CD05# |
| | | | 2.8pF | ±0.05pF | GRM0225C1C2R8WD05# |
| | | | | ±0.1pF | GRM0225C1C2R8BD05# |
| | | | | ±0.25pF | GRM0225C1C2R8CD05# |
| | | | 2.9pF | ±0.05pF | GRM0225C1C2R9WD05# |
| | | | | ±0.1pF | GRM0225C1C2R9BD05# |
| | | | | ±0.25pF | GRM0225C1C2R9CD05# |
| | | | 3.0pF | ±0.05pF | GRM0225C1C3R0WD05# |
| | | | | ±0.1pF | GRM0225C1C3R0BD05# |
| | | | | ±0.25pF | GRM0225C1C3R0CD05# |
| | | | 3.1pF | ±0.05pF | GRM0225C1C3R1WD05# |
| | | | | ±0.1pF | GRM0225C1C3R1BD05# |
| | | | | ±0.25pF | GRM0225C1C3R1CD05# |
| | | | 3.2pF | ±0.05pF | GRM0225C1C3R2WD05# |
| | | | | ±0.1pF | GRM0225C1C3R2BD05# |
| | | | | ±0.25pF | GRM0225C1C3R2CD05# |
| | | | 3.3pF | ±0.05pF | GRM0225C1C3R3WD05# |
| | | | | ±0.1pF | GRM0225C1C3R3BD05# |
| | | | | ±0.25pF | GRM0225C1C3R3CD05# |
| | | | 3.4pF | ±0.05pF | GRM0225C1C3R4WD05# |
| | | | • | ±0.1pF | GRM0225C1C3R4BD05# |
| | | | | ±0.25pF | GRM0225C1C3R4CD05# |
| | | | 3.5pF | ±0.05pF | GRM0225C1C3R5WD05# |
| | | | | ±0.1pF | GRM0225C1C3R5BD05# |
| | | | | ±0.25pF | GRM0225C1C3R5CD05# |
| | | | 3.6pF | ±0.05pF | |
| | | | - | ±0.1pF | GRM0225C1C3R6BD05# |
| | | | | ±0.25pF | |
| | | | 3.7pF | ±0.05pF | GRM0225C1C3R7WD05# |
| | | | - | ±0.1pF | GRM0225C1C3R7BD05# |
| | | | | ±0.25pF | GRM0225C1C3R7CD05# |
| | | | 3.8pF | ±0.05pF | GRM0225C1C3R8WD05# |
| | | | • | ±0.1pF | GRM0225C1C3R8BD05# |
| | | | | ±0.25pF | GRM0225C1C3R8CD05# |
| | | | 3.9pF | ±0.05pF | |
| | | | | ±0.1pF | GRM0225C1C3R9BD05# |
| | | | | F | |

| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number |
|------------|------------------|------------|-------|---------|--------------------|
| 0.22mm | 16Vdc | COG | 4.0pF | ±0.05pF | GRM0225C1C4R0WD05# |
| 0.22111111 | 10 vac | 000 | 4.0pi | ±0.05pi | GRM0225C1C4R0BD05# |
| | | | | ±0.1pi | GRM0225C1C4R0CD05# |
| | | | 4.1pF | ±0.05pF | GRM0225C1C4R1WD05# |
| | | | 4.1pr | | |
| | | | | ±0.1pF | GRM0225C1C4R1BD05# |
| | | | 4.0-5 | ±0.25pF | GRM0225C1C4R1CD05# |
| | | | 4.2pF | ±0.05pF | GRM0225C1C4R2WD05# |
| | | | | ±0.1pF | GRM0225C1C4R2BD05# |
| | | | | ±0.25pF | GRM0225C1C4R2CD05# |
| | | | 4.3pF | ±0.05pF | GRM0225C1C4R3WD05# |
| | | | | ±0.1pF | GRM0225C1C4R3BD05# |
| | | | | ±0.25pF | GRM0225C1C4R3CD05# |
| | | | 4.4pF | ±0.05pF | GRM0225C1C4R4WD05# |
| | | | | ±0.1pF | GRM0225C1C4R4BD05# |
| | | | | ±0.25pF | GRM0225C1C4R4CD05# |
| | | | 4.5pF | ±0.05pF | GRM0225C1C4R5WD05# |
| | | | | ±0.1pF | GRM0225C1C4R5BD05# |
| | | | | ±0.25pF | GRM0225C1C4R5CD05# |
| | | | 4.6pF | ±0.05pF | GRM0225C1C4R6WD05# |
| | | | · | ±0.1pF | GRM0225C1C4R6BD05# |
| | | | | ±0.25pF | GRM0225C1C4R6CD05# |
| | | | 4.7pF | ±0.05pF | GRM0225C1C4R7WD05# |
| | | | 4.8pF | ±0.1pF | GRM0225C1C4R7BD05# |
| | | | | ±0.1pi | GRM0225C1C4R7CD05# |
| | | | | | |
| | | | | ±0.05pF | GRM0225C1C4R8WD05# |
| | | | | ±0.1pF | GRM0225C1C4R8BD05# |
| | | | 4.9pF | ±0.25pF | GRM0225C1C4R8CD05# |
| | | | | ±0.05pF | GRM0225C1C4R9WD05# |
| | | | | ±0.1pF | GRM0225C1C4R9BD05# |
| | | | | ±0.25pF | GRM0225C1C4R9CD05# |
| | | | 5.0pF | ±0.05pF | GRM0225C1C5R0WD05# |
| | | | | ±0.1pF | GRM0225C1C5R0BD05# |
| | | | | ±0.25pF | GRM0225C1C5R0CD05# |
| | | | 5.1pF | ±0.05pF | GRM0225C1C5R1WD05# |
| | | | | ±0.1pF | GRM0225C1C5R1BD05# |
| | | | | ±0.25pF | GRM0225C1C5R1CD05# |
| | | | | ±0.5pF | GRM0225C1C5R1DD05# |
| | | | 5.2pF | ±0.05pF | GRM0225C1C5R2WD05# |
| | | | | ±0.1pF | GRM0225C1C5R2BD05# |
| | | | | ±0.25pF | GRM0225C1C5R2CD05# |
| | | | | ±0.5pF | GRM0225C1C5R2DD05# |
| | | | 5.3pF | ±0.05pF | GRM0225C1C5R3WD05# |
| | | | 0.04 | ±0.1pF | GRM0225C1C5R3BD05# |
| | | | | ±0.25pF | GRM0225C1C5R3CD05# |
| | | | | - | |
| | | | 5.4nF | ±0.5pF | GRM0225C1C5R3DD05# |
| | | | 5.4pF | ±0.05pF | GRM0225C1C5R4WD05# |
| | | | | ±0.1pF | GRM0225C1C5R4BD05# |
| | | | | ±0.25pF | GRM0225C1C5R4CD05# |
| | | | | ±0.5pF | GRM0225C1C5R4DD05# |
| | | | 5.5pF | ±0.05pF | GRM0225C1C5R5WD05# |
| | | | | ±0.1pF | GRM0225C1C5R5BD05# |
| | | | | ±0.25pF | GRM0225C1C5R5CD05# |
| | | | | ±0.5pF | GRM0225C1C5R5DD05# |
| | | | | | |

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number | |
|-----------|------------------|------------|----------|---------|--------------------|--|
| 0.22mm | 16Vdc | COG | 5.6pF | ±0.1pF | GRM0225C1C5R6BD05# | |
| | | | | ±0.25pF | GRM0225C1C5R6CD05# | |
| | | | | ±0.5pF | GRM0225C1C5R6DD05# | |
| | | | 5.7pF | ±0.05pF | GRM0225C1C5R7WD05# | |
| | | | | ±0.1pF | GRM0225C1C5R7BD05# | |
| | | | | ±0.25pF | GRM0225C1C5R7CD05# | |
| | | | | ±0.5pF | GRM0225C1C5R7DD05# | |
| | | | 5.8pF | ±0.05pF | GRM0225C1C5R8WD05# | |
| | | | | ±0.1pF | GRM0225C1C5R8BD05# | |
| | | | | ±0.25pF | GRM0225C1C5R8CD05# | |
| | | | | ±0.5pF | GRM0225C1C5R8DD05# | |
| | | | 5.9pF | ±0.05pF | GRM0225C1C5R9WD05# | |
| | | | | ±0.1pF | GRM0225C1C5R9BD05# | |
| | | | | ±0.25pF | GRM0225C1C5R9CD05# | |
| | | | | ±0.5pF | GRM0225C1C5R9DD05# | |
| | | | 6.0pF | ±0.05pF | GRM0225C1C6R0WD05# | |
| | | | | ±0.1pF | GRM0225C1C6R0BD05# | |
| | | | | ±0.25pF | GRM0225C1C6R0CD05# | |
| | | | | ±0.5pF | GRM0225C1C6R0DD05# | |
| | | | 6.1pF | ±0.05pF | GRM0225C1C6R1WD05# | |
| | | | | ±0.1pF | GRM0225C1C6R1BD05# | |
| | | | | ±0.25pF | GRM0225C1C6R1CD05# | |
| | | | | ±0.5pF | GRM0225C1C6R1DD05# | |
| | | | 6.2pF | ±0.05pF | GRM0225C1C6R2WD05# | |
| | | | | ±0.1pF | GRM0225C1C6R2BD05# | |
| | | | | ±0.25pF | GRM0225C1C6R2CD05# | |
| | | | | ±0.5pF | GRM0225C1C6R2DD05# | |
| | | | 6.3pF | ±0.05pF | GRM0225C1C6R3WD05# | |
| | | | | ±0.1pF | GRM0225C1C6R3BD05# | |
| | | | | ±0.25pF | GRM0225C1C6R3CD05# | |
| | | | | ±0.5pF | GRM0225C1C6R3DD05# | |
| | | | 6.4pF | ±0.05pF | GRM0225C1C6R4WD05# | |
| | | | | ±0.1pF | GRM0225C1C6R4BD05# | |
| | | | | ±0.25pF | GRM0225C1C6R4CD05# | |
| | | | | ±0.5pF | GRM0225C1C6R4DD05# | |
| | | | 6.5pF | ±0.05pF | GRM0225C1C6R5WD05# | |
| | | | | ±0.1pF | GRM0225C1C6R5BD05# | |
| | | | | ±0.25pF | GRM0225C1C6R5CD05# | |
| | | | | ±0.5pF | GRM0225C1C6R5DD05# | |
| | | | 6.6pF | ±0.05pF | GRM0225C1C6R6WD05# | |
| | | | | ±0.1pF | GRM0225C1C6R6BD05# | |
| | | | | ±0.25pF | GRM0225C1C6R6CD05# | |
| | | | | ±0.5pF | GRM0225C1C6R6DD05# | |
| | | | 6.7pF | ±0.05pF | GRM0225C1C6R7WD05# | |
| | | | | ±0.1pF | GRM0225C1C6R7BD05# | |
| | | | | ±0.25pF | GRM0225C1C6R7CD05# | |
| | | | | ±0.5pF | GRM0225C1C6R7DD05# | |
| | | | 6.8pF | ±0.05pF | GRM0225C1C6R8WD05# | |
| | | | | ±0.1pF | GRM0225C1C6R8BD05# | |
| | | | | ±0.25pF | GRM0225C1C6R8CD05# | |
| | | | | ±0.5pF | GRM0225C1C6R8DD05# | |
| | | | 6.9pF | ±0.05pF | GRM0225C1C6R9WD05# | |
| | | | | ±0.1pF | GRM0225C1C6R9BD05# | |
| | | | Don't in | ±0.25pF | GRM0225C1C6R9CD05# | |



| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number |
|-----------|------------------|------------|--------|---------|--------------------|
| 0.22mm | 16Vdc | COG | 6.9pF | ±0.5pF | GRM0225C1C6R9DD05# |
| | | | 7.0pF | ±0.05pF | GRM0225C1C7R0WD05# |
| | | | | ±0.1pF | GRM0225C1C7R0BD05# |
| | | | | ±0.25pF | GRM0225C1C7R0CD05# |
| | | | | ±0.5pF | GRM0225C1C7R0DD05# |
| | | | 7.1pF | ±0.05pF | GRM0225C1C7R1WD05# |
| | | | | ±0.1pF | GRM0225C1C7R1BD05# |
| | | | | ±0.25pF | GRM0225C1C7R1CD05# |
| | | | | ±0.5pF | GRM0225C1C7R1DD05# |
| | | | 7.2pF | ±0.05pF | GRM0225C1C7R2WD05# |
| | | | | ±0.1pF | GRM0225C1C7R2BD05# |
| | | | | ±0.25pF | GRM0225C1C7R2CD05# |
| | | | | ±0.5pF | GRM0225C1C7R2DD05# |
| | | | 7.3pF | ±0.05pF | GRM0225C1C7R3WD05# |
| | | | | ±0.1pF | GRM0225C1C7R3BD05# |
| | | | | ±0.25pF | GRM0225C1C7R3CD05# |
| | | | | ±0.5pF | GRM0225C1C7R3DD05# |
| | | | 7.4pF | ±0.05pF | GRM0225C1C7R4WD05# |
| | | | • | ±0.1pF | GRM0225C1C7R4BD05# |
| | | | | ±0.25pF | GRM0225C1C7R4CD05# |
| | | | | ±0.5pF | GRM0225C1C7R4DD05# |
| | | | 7.5pF | ±0.05pF | GRM0225C1C7R5WD05# |
| | | | • | ±0.1pF | GRM0225C1C7R5BD05# |
| | | | | ±0.25pF | GRM0225C1C7R5CD05# |
| | | | | ±0.5pF | GRM0225C1C7R5DD05# |
| | | | 7.6pF | ±0.05pF | GRM0225C1C7R6WD05# |
| | | | | ±0.1pF | GRM0225C1C7R6BD05# |
| | | | | ±0.25pF | GRM0225C1C7R6CD05# |
| | | | | ±0.5pF | GRM0225C1C7R6DD05# |
| | | | 7.7pF | ±0.05pF | GRM0225C1C7R7WD05# |
| | | | 7.7 Pi | ±0.1pF | GRM0225C1C7R7BD05# |
| | | | | ±0.25pF | GRM0225C1C7R7CD05# |
| | | | | ±0.5pF | GRM0225C1C7R7DD05# |
| | | | 7.8pF | ±0.05pF | GRM0225C1C7R8WD05# |
| | | | 7.0pi | ±0.1pF | GRM0225C1C7R8BD05# |
| | | | | ±0.25pF | GRM0225C1C7R8CD05# |
| | | | | ±0.5pF | GRM0225C1C7R8DD05# |
| | | | 7 0pE | - | GRM0225C1C7R9WD05# |
| | | | 7.9pF | ±0.05pF | GRM0225C1C7R9BD05# |
| | | | | ±0.1pF | GRM0225C1C7R9CD05# |
| | | | | ±0.25pF | |
| | | | ۵ ۵۰۲ | ±0.5pF | GRM0225C1C7R9DD05# |
| | | | 8.0pF | ±0.05pF | GRM0225C1C8R0WD05# |
| | | | | ±0.1pF | GRM0225C1C8R0BD05# |
| | | | | ±0.25pF | GRM0225C1C8R0CD05# |
| | | | 04.5 | ±0.5pF | GRM0225C1C8R0DD05# |
| | | | 8.1pF | | GRM0225C1C8R1WD05# |
| | | | | ±0.1pF | GRM0225C1C8R1BD05# |
| | | | | | GRM0225C1C8R1CD05# |
| | | | | ±0.5pF | GRM0225C1C8R1DD05# |
| | | | 8.2pF | ±0.05pF | GRM0225C1C8R2WD05# |
| | | | | ±0.1pF | GRM0225C1C8R2BD05# |
| | | | | ±0.25pF | GRM0225C1C8R2CD05# |
| | | | | ±0.5pF | GRM0225C1C8R2DD05# |
| | | | 8.3pF | ±0.05pF | GRM0225C1C8R3WD05# |

| #0.25pF GRM0225C1C8R3CD05# #0.5pF GRM0225C1C8R3DD05# #0.1pF GRM0225C1C8R4DD05# #0.25pF GRM0225C1C8R4DD05# #0.25pF GRM0225C1C8R4DD05# #0.25pF GRM0225C1C8R4DD05# #0.5pF GRM0225C1C8R5WD05# #0.1pF GRM0225C1C8R5WD05# #0.1pF GRM0225C1C8R5WD05# #0.1pF GRM0225C1C8R5WD05# #0.1pF GRM0225C1C8R5WD05# #0.1pF GRM0225C1C8R6DD05# #0.25pF GRM0225C1C8R6DD05# #0.25pF GRM0225C1C8R6DD05# #0.1pF GRM0225C1C8R6DD05# #0.5pF GRM0225C1C8R6DD05# #0.5pF GRM0225C1C8R6DD05# #0.5pF GRM0225C1C8R7WD05# #0.5pF GRM0225C1C8R7WD05# #0.5pF GRM0225C1C8R7WD05# #0.5pF GRM0225C1C8R7WD05# #0.5pF GRM0225C1C8R8WD05# #0.5pF GRM0225C1C8R8WD05# #0.5pF GRM0225C1C8R8WD05# #0.5pF GRM0225C1C8R8WD05# #0.5pF GRM0225C1C8R8DD05# #0.5pF GRM0225C1C8R8DD05# #0.5pF GRM0225C1C8R8DD05# #0.5pF GRM0225C1C8R9DD05# #0.5pF GRM0225C1C8R9DD05# #0.5pF GRM0225C1C8R9DD05# #0.5pF GRM0225C1C8R9DD05# #0.5pF GRM0225C1C8R9DD05# #0.5pF GRM0225C1C9R0DD05# #0.5pF GRM02 | T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number |
|--|-----------|------------------|------------|-------|---------|--------------------|
| ### ### ############################## | 0.22mm | 16Vdc | COG | 8.3pF | ±0.1pF | GRM0225C1C8R3BD05# |
| 8.4pF | | | | | ±0.25pF | GRM0225C1C8R3CD05# |
| #0.1pF GRM0225C1C8R4D05# #0.25pF GRM0225C1C8R4D05# #0.5pF GRM0225C1C8R5D05# #0.1pF GRM0225C1C8R5D05# #0.5pF GRM0225C1C8R5D05# #0.5pF GRM0225C1C8R5D05# #0.5pF GRM0225C1C8R5D05# #0.5pF GRM0225C1C8R5D05# #0.5pF GRM0225C1C8R6D05# #0.5pF GRM0225C1C8R6D05# #0.5pF GRM0225C1C8R6D05# #0.5pF GRM0225C1C8R6D05# #0.5pF GRM0225C1C8R6D05# #0.5pF GRM0225C1C8R6D05# #0.5pF GRM0225C1C8R7D05# #0.5pF GRM0225C1C8R7D05# #0.5pF GRM0225C1C8R7D05# #0.5pF GRM0225C1C8R8D05# #0.5pF GRM0225C1C8R8D05# #0.5pF GRM0225C1C8R8D05# #0.5pF GRM0225C1C8R8D05# #0.5pF GRM0225C1C8R8D05# #0.5pF GRM0225C1C8R8D05# #0.1pF GRM0225C1C8R8D05# #0.1pF GRM0225C1C8R8D05# #0.1pF GRM0225C1C8R9D05# #0.1pF GRM0225C1C8R9D05# #0.1pF GRM0225C1C8R9D05# #0.5pF GRM0225C1C8R9D05# #0.5pF GRM0225C1C9R0D05# #0.5pF GRM0225C1C9R0D05# #0.5pF GRM0225C1C9R0D05# #0.5pF GRM0225C1C9R0D05# #0.5pF GRM0225C1C9R0D05# #0.5pF GRM0225C1C9R1D05# #0.5pF GRM0225C1C9R0D05# #0.5pF GRM0225C1C9R1D05# #0.5pF GRM0225C1C9R1D05# #0.5pF GRM0225C1C9R1D05# #0.5pF GRM0225C1C9R2D05# #0.5pF GRM0225C1C9R2D05# #0.5pF GRM0225C1C9R1D05# #0.5pF GRM0225C1C9R2D05# #0.5pF GRM0225C1C9R3D05# | | | | | ±0.5pF | GRM0225C1C8R3DD05# |
| #0.5pF GRM0225C1C8R4CD05# #0.5pF GRM0225C1C8RSWD05# #0.1pF GRM0225C1C8RSWD05# #0.5pF GRM0225C1C8RSD05# #0.5pF GRM0225C1C8RGD05# #0.5pF GRM0225C1C8RGD05# #0.5pF GRM0225C1C8RSD05# #0.5pF GRM0225C1C9R0D05# #0.5pF GRM0225C1C9R1D05# #0.5pF GRM0225C1C9R2D05# #0.5pF GRM0225C1C9R2D05# #0.5pF GRM0225C1C9R2D05# #0.5pF GRM0225C1C9R3D05# #0.5pF GRM0 | | | | 8.4pF | ±0.05pF | GRM0225C1C8R4WD05# |
| #0.5pF GRM0225C1C8RSWD05# #0.1pF GRM0225C1C8RSBD05# #0.5pF GRM0225C1C8RSBD05# #0.5pF GRM0225C1C8RSBD05# #0.5pF GRM0225C1C8RSD05# #0.5pF GRM0225C1C9RSD05# #0.5pF GRM | | | | | ±0.1pF | GRM0225C1C8R4BD05# |
| 8.5pF | | | | | ±0.25pF | GRM0225C1C8R4CD05# |
| #0.1pF | | | | | ±0.5pF | GRM0225C1C8R4DD05# |
| #0.5pF GRM0225C1C8R5CD05# #0.5pF GRM0225C1C8R6WD05# #0.1pF GRM0225C1C8R6D05# #0.5pF GRM0225C1C8R6D05# #0.5pF GRM0225C1C8R6D05# #0.5pF GRM0225C1C8R6D05# #0.1pF GRM0225C1C8R6D05# #0.1pF GRM0225C1C8R7WD05# #0.1pF GRM0225C1C8R7WD05# #0.1pF GRM0225C1C8R7WD05# #0.1pF GRM0225C1C8R7WD05# #0.1pF GRM0225C1C8R7WD05# #0.1pF GRM0225C1C8R7WD05# #0.1pF GRM0225C1C8R8WD05# #0.1pF GRM0225C1C8R8WD05# #0.1pF GRM0225C1C8R8WD05# #0.5pF GRM0225C1C8R8D05# #0.5pF GRM0225C1C8R8D05# #0.1pF GRM0225C1C8R8WD05# #0.1pF GRM0225C1C8R9D05# #0.1pF GRM0225C1C8R9D05# #0.5pF GRM0225C1C8R9D05# #0.5pF GRM0225C1C8R9D05# #0.5pF GRM0225C1C8R9D05# #0.5pF GRM0225C1C9R0D05# #0.5pF GRM0225C1C9R0D05# #0.5pF GRM0225C1C9R0D05# #0.5pF GRM0225C1C9R1WD05# #0.1pF GRM0225C1C9R1D05# #0.5pF GRM0225C1C9R1D05# #0.5pF GRM0225C1C9R1D05# #0.5pF GRM0225C1C9R1D05# #0.5pF GRM0225C1C9R2D05# #0.5pF GRM0225C1C9R3D05# | | | | 8.5pF | ±0.05pF | GRM0225C1C8R5WD05# |
| #0.5pF GRM0225C1C8R5DD05# #0.1pF GRM0225C1C8R6WD05# #0.25pF GRM0225C1C8R6WD05# #0.5pF GRM0225C1C8R6D05# #0.5pF GRM0225C1C8R6D05# #0.5pF GRM0225C1C8R6D05# #0.25pF GRM0225C1C8R7DD05# #0.25pF GRM0225C1C8R7DD05# #0.5pF GRM0225C1C8R7DD05# #0.5pF GRM0225C1C8R8WD05# #0.5pF GRM0225C1C8R8WD05# #0.5pF GRM0225C1C8R8WD05# #0.5pF GRM0225C1C8R8DD05# #0.5pF GRM0225C1C8R8DD05# #0.5pF GRM0225C1C8R8DD05# #0.5pF GRM0225C1C8R9DD05# #0.5pF GRM0225C1C8R9DD05# #0.5pF GRM0225C1C8R9DD05# #0.5pF GRM0225C1C8R9D05# #0.5pF GRM0225C1C8R9D05# #0.5pF GRM0225C1C9R9D05# #0.5pF GRM0225C1C9R0D05# #0.5pF GRM0225C1C9R0D05# #0.5pF GRM0225C1C9R0D05# #0.5pF GRM0225C1C9R0D05# #0.5pF GRM0225C1C9R0D05# #0.5pF GRM0225C1C9R1D05# #0.5pF GRM0225C1C9R1D05# #0.5pF GRM0225C1C9R1D05# #0.5pF GRM0225C1C9R2D05# #0.5pF GRM0225C1C9R3D05# #0.5pF GRM0225C1C9R4D05# #0.5pF GRM0225C1C9R3D05# #0.5pF GRM0225C1C9R3D05# #0.5pF GRM0225C1C9R4D05# #0.5pF GRM0225C1C9R4D05# #0.5pF GRM0225C1C9R4D05# #0.5pF GRM0225C1C9R4D05# #0.5pF GRM0225C1C9R5D05# | | | | | ±0.1pF | GRM0225C1C8R5BD05# |
| ### 8.6pF #0.05pF #0.0 | | | | | ±0.25pF | GRM0225C1C8R5CD05# |
| #0.1pF GRM0225C1C8R6BD05# ±0.25pF GRM0225C1C8R7DD05# ±0.5pF GRM0225C1C8R7DD05# ±0.5pF GRM0225C1C8R7DD05# ±0.5pF GRM0225C1C8R7DD05# ±0.5pF GRM0225C1C8R8DD05# ±0.5pF GRM0225C1C8R8D05# ±0.25pF GRM0225C1C8R8D05# ±0.25pF GRM0225C1C8R8D05# ±0.5pF GRM0225C1C8R8D05# ±0.5pF GRM0225C1C8R8D05# ±0.5pF GRM0225C1C8R8D05# ±0.5pF GRM0225C1C8R8D05# ±0.5pF GRM0225C1C8R9D05# ±0.5pF GRM0225C1C8R9D05# ±0.5pF GRM0225C1C8R9D05# ±0.5pF GRM0225C1C9R0D05# ±0.5pF GRM0225C1C9R0D05# ±0.5pF GRM0225C1C9R0D05# ±0.5pF GRM0225C1C9R0D05# ±0.5pF GRM0225C1C9R1D05# ±0.5pF GRM0225C1C9R1D05# ±0.5pF GRM0225C1C9R1D05# ±0.5pF GRM0225C1C9R1D05# ±0.5pF GRM0225C1C9R1D05# ±0.5pF GRM0225C1C9R2D05# ±0.5pF GRM0225C1C9R2D05# ±0.5pF GRM0225C1C9R2D05# ±0.5pF GRM0225C1C9R3D05# ±0.5pF GRM0225C1C9R5D05# ±0.5pF | | | | | ±0.5pF | GRM0225C1C8R5DD05# |
| #0.25pF GRM0225C1C8R6CD05# #0.5pF GRM0225C1C8R7DD05# #0.1pF GRM0225C1C8R7DD05# #0.25pF GRM0225C1C8R7DD05# #0.25pF GRM0225C1C8R7DD05# #0.25pF GRM0225C1C8R7DD05# #0.25pF GRM0225C1C8R8D05# #0.5pF GRM0225C1C8R8D05# #0.25pF GRM0225C1C8R8D05# #0.1pF GRM0225C1C8R8D05# #0.1pF GRM0225C1C8R8D05# #0.1pF GRM0225C1C8R8D05# #0.1pF GRM0225C1C8R8D05# #0.1pF GRM0225C1C8R8D05# #0.25pF GRM0225C1C8R9D05# #0.5pF GRM0225C1C8R9D05# #0.5pF GRM0225C1C9R9D05# #0.5pF GRM0225C1C9R0D05# #0.5pF GRM0225C1C9R0D05# #0.5pF GRM0225C1C9R0D05# #0.5pF GRM0225C1C9R0D05# #0.5pF GRM0225C1C9R1D05# #0.5pF GRM0225C1C9R1D05# #0.5pF GRM0225C1C9R1D05# #0.5pF GRM0225C1C9R1D05# #0.5pF GRM0225C1C9R1D05# #0.5pF GRM0225C1C9R1D05# #0.5pF GRM0225C1C9R2D05# #0.5pF GRM0225C1C9R2D05# #0.5pF GRM0225C1C9R2D05# #0.5pF GRM0225C1C9R3D05# #0.5pF GRM0225C1C9R5D05# | | | | 8.6pF | ±0.05pF | GRM0225C1C8R6WD05# |
| #0.5pF GRM0225C1C8R6DD05# #0.1pF GRM0225C1C8R7WD05# #0.5pF GRM0225C1C8R7DD5# #0.5pF GRM0225C1C8R7DD5# #0.5pF GRM0225C1C8R8WD05# #0.1pF GRM0225C1C8R8DD05# #0.5pF GRM0225C1C8R8DD05# #0.5pF GRM0225C1C8R8DD05# #0.5pF GRM0225C1C8R9DD5# #0.5pF GRM0225C1C8R9DD5# #0.5pF GRM0225C1C8R9DD05# #0.5pF GRM0225C1C8R9DD05# #0.5pF GRM0225C1C8R9DD05# #0.5pF GRM0225C1C8R9DD05# #0.5pF GRM0225C1C9R9DD05# #0.5pF GRM0225C1C9R0DD05# #0.5pF GRM0225C1C9R0DD05# #0.5pF GRM0225C1C9R0DD05# #0.5pF GRM0225C1C9R0DD05# #0.5pF GRM0225C1C9R0D05# #0.5pF GRM0225C1C9R1DD05# #0.5pF GRM0225C1C9R1DD05# #0.5pF GRM0225C1C9R1DD05# #0.5pF GRM0225C1C9R1DD05# #0.5pF GRM0225C1C9R1DD05# #0.5pF GRM0225C1C9R2DD05# #0.5pF GRM0225C1C9R2DD05# #0.5pF GRM0225C1C9R2DD05# #0.5pF GRM0225C1C9R2DD05# #0.5pF GRM0225C1C9R3DD05# #0.5pF GRM0225C1C9R4DD05# #0.5pF GRM0225C1C9R4DD05# #0.5pF GRM0225C1C9R4DD05# #0.5pF GRM0225C1C9R4DD05# #0.5pF GRM0225C1C9R5D05# #0.5p | | | | | ±0.1pF | GRM0225C1C8R6BD05# |
| 8.7pF ±0.05pF GRM0225C1C8R7WD05# ±0.1pF GRM0225C1C8R7DD5# ±0.25pF GRM0225C1C8R7DD5# ±0.5pF GRM0225C1C8R8DD5# ±0.05pF GRM0225C1C8R8WD05# ±0.1pF GRM0225C1C8R8DD5# ±0.5pF GRM0225C1C8R8DD5# ±0.5pF GRM0225C1C8R8DD5# ±0.5pF GRM0225C1C8R9DD5# ±0.5pF GRM0225C1C8R9DD5# ±0.5pF GRM0225C1C8R9DD5# ±0.5pF GRM0225C1C8R9DD5# ±0.25pF GRM0225C1C9R0DD5# ±0.5pF GRM0225C1C9R1DD5# ±0.5pF GRM0225C1C9R1DD5# ±0.5pF GRM0225C1C9R1DD5# ±0.5pF GRM0225C1C9R2DD5# ±0.5pF GRM0225C1C9R3DD5# ±0.5pF GRM0225C1C9R3DD5# ±0.5pF GRM0225C1C9R3DD5# ±0.5pF GRM0225C1C9R3DD5# ±0.5pF GRM0225C1C9R4DD5# ±0.5pF GRM0225C1C9R5DD5# ±0.5pF GRM0225C1C9R6DD5# | | | | | ±0.25pF | GRM0225C1C8R6CD05# |
| #0.1pF GRM0225C1C8R7BD05# #0.2pF GRM0225C1C8R7CD05# #0.5pF GRM0225C1C8R7DD05# #0.0pF GRM0225C1C8R8WD05# #0.1pF GRM0225C1C8R8BD05# #0.2pF GRM0225C1C8R8DD05# #0.2pF GRM0225C1C8R8DD05# #0.2pF GRM0225C1C8R8DD05# #0.2pF GRM0225C1C8R8DD05# #0.2pF GRM0225C1C8R9DD05# #0.2pF GRM0225C1C8R9DD05# #0.2pF GRM0225C1C8R9DD05# #0.2pp GRM0225C1C8R9DD05# #0.2pp GRM0225C1C8R9DD05# #0.2pp GRM0225C1C9R0DD05# #0.2pp GRM0225C1C9R0DD05# #0.2pp GRM0225C1C9R0DD05# #0.2pp GRM0225C1C9R0DD05# #0.2pp GRM0225C1C9R0D05# #0.2pp GRM0225C1C9R0D05# #0.2pp GRM0225C1C9R0D05# #0.2pp GRM0225C1C9R1DD05# #0.2pp GRM0225C1C9R1DD05# #0.2pp GRM0225C1C9R1DD05# #0.2pp GRM0225C1C9R2DD05# #0.2pp GRM0225C1C9R2DD05# #0.2pp GRM0225C1C9R2DD05# #0.2pp GRM0225C1C9R2DD05# #0.2pp GRM0225C1C9R2DD05# #0.2pp GRM0225C1C9R3DD05# #0.2pp GRM0225C1C9R3DD05# #0.2pp GRM0225C1C9R3DD05# #0.2pp GRM0225C1C9R3DD05# #0.2pp GRM0225C1C9R3DD05# #0.2pp GRM0225C1C9R4D05# #0.2pp GRM0225C1C9R3DD05# #0.5pp GRM0225C1C9R3DD05# | | | | | ±0.5pF | GRM0225C1C8R6DD05# |
| #0.25pF GRM0225C1C8R7CD05# #0.5pF GRM0225C1C8R8WD05# #0.1pF GRM0225C1C8R8BD05# #0.25pF GRM0225C1C8R8DD05# #0.25pF GRM0225C1C8R8DD05# #0.5pF GRM0225C1C8R8DD05# #0.5pF GRM0225C1C8R8DD05# #0.1pF GRM0225C1C8R9DD05# #0.25pF GRM0225C1C8R9DD05# #0.25pF GRM0225C1C8R9DD05# #0.25pF GRM0225C1C8R9DD05# #0.1pF GRM0225C1C8R9DD05# #0.1pF GRM0225C1C9R0WD05# #0.25pF GRM0225C1C9R0WD05# #0.25pF GRM0225C1C9R0WD05# #0.1pF GRM0225C1C9R0DD05# #0.1pF GRM0225C1C9R0DD05# #0.1pF GRM0225C1C9R0D05# #0.25pF GRM0225C1C9R1WD05# #0.25pF GRM0225C1C9R1DD05# #0.25pF GRM0225C1C9R1DD05# #0.25pF GRM0225C1C9R1DD05# #0.25pF GRM0225C1C9R2DD05# #0.25pF GRM0225C1C9R2DD05# #0.25pF GRM0225C1C9R2DD05# #0.5pF GRM0225C1C9R2DD05# #0.5pF GRM0225C1C9R3DD05# #0.5pF GRM0225C1C9R3DD05# #0.5pF GRM0225C1C9R3DD05# #0.5pF GRM0225C1C9R3DD05# #0.5pF GRM0225C1C9R4WD05# #0.1pF GRM0225C1C9R4WD05# #0.1pF GRM0225C1C9R4DD05# #0.5pF GRM0225C1C9R4DD05# #0.5pF GRM0225C1C9R4DD05# #0.5pF GRM0225C1C9R3DD05# #0.5pF GRM0225C1C9R4DD05# #0.5pF GRM0225C1C9R3DD05# #0.5pF GRM0225C1C9R5DD05# | | | | 8.7pF | ±0.05pF | GRM0225C1C8R7WD05# |
| #0.5pF GRM0225C1C8R7DD05# #0.1pF GRM0225C1C8R8BD05# #0.25pF GRM0225C1C8R8DD05# #0.25pF GRM0225C1C8R8DD05# #0.5pF GRM0225C1C8R8DD05# #0.5pF GRM0225C1C8R9DD05# #0.25pF GRM0225C1C8R9DD05# #0.25pF GRM0225C1C8R9DD05# #0.5pF GRM0225C1C8R9DD05# #0.5pF GRM0225C1C8R9DD05# #0.1pF GRM0225C1C8R9DD05# #0.5pF GRM0225C1C9R0DD05# #0.5pF GRM0225C1C9R0DD05# #0.5pF GRM0225C1C9R0DD05# #0.1pF GRM0225C1C9R0DD05# #0.1pF GRM0225C1C9R1DD05# #0.1pF GRM0225C1C9R1DD05# #0.5pF GRM0225C1C9R1D05# #0.5pF GRM0225C1C9R1D05# #0.1pF GRM0225C1C9R2DD05# #0.1pF GRM0225C1C9R2D05# #0.1pF GRM0225C1C9R2D05# #0.5pF GRM0225C1C9R3D05# #0.5pF GRM0225C1C9R3D05# #0.1pF GRM0225C1C9R3D05# #0.1pF GRM0225C1C9R3D05# #0.1pF GRM0225C1C9R3D05# #0.1pF GRM0225C1C9R3D05# #0.1pF GRM0225C1C9R3D05# #0.5pF GRM0225C1C9R5D05# | | | | | ±0.1pF | GRM0225C1C8R7BD05# |
| 8.8pF | | | | | ±0.25pF | GRM0225C1C8R7CD05# |
| 8.8pF | | | | | ±0.5pF | GRM0225C1C8R7DD05# |
| ### ################################## | | | | 8.8pF | · · | |
| #0.25pF GRM0225C1C8R8DD05# #0.5pF GRM0225C1C8R9WD05# #0.1pF GRM0225C1C8R9DD05# #0.25pF GRM0225C1C8R9DD05# #0.5pF GRM0225C1C8R9DD05# #0.5pF GRM0225C1C9R0WD05# #0.1pF GRM0225C1C9R0WD05# #0.25pF GRM0225C1C9R0WD05# #0.25pF GRM0225C1C9R0DD05# #0.5pF GRM0225C1C9R0DD05# #0.5pF GRM0225C1C9R0DD05# #0.5pF GRM0225C1C9R0DD05# #0.5pF GRM0225C1C9R0DD05# #0.1pF GRM0225C1C9R1WD05# #0.1pF GRM0225C1C9R1WD05# #0.25pF GRM0225C1C9R1DD05# #0.5pF GRM0225C1C9R1DD05# #0.5pF GRM0225C1C9R2WD05# #0.5pF GRM0225C1C9R2WD05# #0.5pF GRM0225C1C9R2WD05# #0.5pF GRM0225C1C9R2DD05# #0.5pF GRM0225C1C9R3WD05# #0.1pF GRM0225C1C9R3WD05# #0.5pF GRM0225C1C9R3DD05# #0.5pF GRM0225C1C9R3DD05# #0.5pF GRM0225C1C9R4WD05# #0.5pF GRM0225C1C9R4WD05# #0.5pF GRM0225C1C9R4D05# #0.5pF GRM0225C1C9R4D05# #0.5pF GRM0225C1C9R4D05# #0.5pF GRM0225C1C9R5D05# #0.5pF GRM0225C1C9R6BD05# | | | | 1- | - | |
| #0.5pF GRM0225C1C8R8DD05# #0.05pF GRM0225C1C8R9WD05# #0.25pF GRM0225C1C8R9BD05# #0.25pF GRM0225C1C8R9DD05# #0.5pF GRM0225C1C8R9DD05# #0.5pF GRM0225C1C9R0WD05# #0.1pF GRM0225C1C9R0WD05# #0.1pF GRM0225C1C9R0BD05# #0.25pF GRM0225C1C9R0DD05# #0.5pF GRM0225C1C9R0DD05# #0.1pF GRM0225C1C9R1WD05# #0.1pF GRM0225C1C9R1WD05# #0.25pF GRM0225C1C9R1DD05# #0.25pF GRM0225C1C9R1DD05# #0.5pF GRM0225C1C9R1DD05# #0.5pF GRM0225C1C9R1DD05# #0.5pF GRM0225C1C9R2WD05# #0.5pF GRM0225C1C9R2WD05# #0.5pF GRM0225C1C9R2DD05# #0.5pF GRM0225C1C9R3WD05# #0.5pF GRM0225C1C9R3WD05# #0.1pF GRM0225C1C9R3WD05# #0.5pF GRM0225C1C9R3DD05# #0.5pF GRM0225C1C9R3DD05# #0.5pF GRM0225C1C9R3DD05# #0.5pF GRM0225C1C9R4WD05# #0.5pF GRM0225C1C9R4WD05# #0.5pF GRM0225C1C9R4DD05# #0.5pF GRM0225C1C9R4DD05# #0.5pF GRM0225C1C9R4DD05# #0.5pF GRM0225C1C9R4DD05# #0.5pF GRM0225C1C9R4DD05# #0.5pF GRM0225C1C9R5DD05# | | | | | - | |
| ### ### ### ### ### ### ### ### ### ## | | | | | - | |
| ### ### ############################## | | | | 8 9nF | · · | |
| #0.25pF GRM0225C1C8R9CD05# #0.5pF GRM0225C1C9R0WD05# #0.1pF GRM0225C1C9R0WD05# #0.1pF GRM0225C1C9R0DD05# #0.5pF GRM0225C1C9R0DD05# #0.5pF GRM0225C1C9R0DD05# #0.5pF GRM0225C1C9R0DD05# #0.1pF GRM0225C1C9R1WD05# #0.1pF GRM0225C1C9R1WD05# #0.5pF GRM0225C1C9R1DD05# #0.5pF GRM0225C1C9R1DD05# #0.5pF GRM0225C1C9R1DD05# #0.5pF GRM0225C1C9R1DD05# #0.1pF GRM0225C1C9R2WD05# #0.1pF GRM0225C1C9R2DD05# #0.5pF GRM0225C1C9R2DD05# #0.5pF GRM0225C1C9R3WD05# #0.5pF GRM0225C1C9R3WD05# #0.1pF GRM0225C1C9R3WD05# #0.1pF GRM0225C1C9R3WD05# #0.5pF GRM0225C1C9R3DD05# #0.5pF GRM0225C1C9R3DD05# #0.5pF GRM0225C1C9R3DD05# #0.5pF GRM0225C1C9R4WD05# #0.5pF GRM0225C1C9R4DD05# #0.5pF GRM0225C1C9R4DD05# #0.5pF GRM0225C1C9R4DD05# #0.5pF GRM0225C1C9R5WD05# #0.5pF GRM0225C1C9R5WD05# #0.5pF GRM0225C1C9R5WD05# #0.5pF GRM0225C1C9R5DD05# #0.5pF GRM0225C1C9R6WD05# #0.5pF GRM0225C1C9R6WD05# #0.5pF GRM0225C1C9R6WD05# #0.5pF GRM0225C1C9R6WD05# #0.5pF GRM0225C1C9R6WD05# #0.5pF GRM0225C1C9R6BD05# | | | | 0.001 | - | |
| ### ################################## | | | | | | |
| 9.0pF ±0.05pF GRM0225C1C9R0WD05# ±0.1pF GRM0225C1C9R0BD05# ±0.25pF GRM0225C1C9R0DD05# ±0.5pF GRM0225C1C9R1WD05# ±0.1pF GRM0225C1C9R1DD05# ±0.25pF GRM0225C1C9R1DD05# ±0.5pF GRM0225C1C9R1DD05# ±0.5pF GRM0225C1C9R1DD05# ±0.1pF GRM0225C1C9R2WD05# ±0.5pF GRM0225C1C9R2WD05# ±0.5pF GRM0225C1C9R2DD05# ±0.5pF GRM0225C1C9R3WD05# ±0.1pF GRM0225C1C9R3WD05# ±0.25pF GRM0225C1C9R3WD05# ±0.5pF GRM0225C1C9R3DD05# ±0.5pF GRM0225C1C9R3DD05# ±0.5pF GRM0225C1C9R3DD05# ±0.5pF GRM0225C1C9R3DD05# ±0.5pF GRM0225C1C9R3DD05# ±0.5pF GRM0225C1C9R4WD05# ±0.5pF GRM0225C1C9R4WD05# ±0.1pF GRM0225C1C9R4DD05# ±0.5pF GRM0225C1C9R4DD05# ±0.5pF GRM0225C1C9R4DD05# ±0.5pF GRM0225C1C9R4DD05# ±0.5pF GRM0225C1C9R4DD05# ±0.5pF GRM0225C1C9R5DD05# ±0.5pF GRM0225C1C9R6BD05# | | | | | · · | |
| ### ### ############################## | | | | 0.0nE | | |
| ### ### ############################## | | | | 9.0pr | · · | |
| ### ### ############################## | | | | | | |
| 9.1pF | | | | | - | |
| ### ### ############################## | | | | 0.4-5 | - | |
| #0.25pF GRM0225C1C9R1CD05# #0.5pF GRM0225C1C9R1DD05# 9.2pF | | | | 9.1pF | · · | |
| #0.5pF GRM0225C1C9R1DD05# 9.2pF | | | | | | |
| 9.2pF ±0.05pF GRM0225C1C9R2WD05# ±0.1pF GRM0225C1C9R2DD05# ±0.25pF GRM0225C1C9R2DD05# ±0.5pF GRM0225C1C9R3WD05# ±0.1pF GRM0225C1C9R3WD05# ±0.25pF GRM0225C1C9R3DD05# ±0.5pF GRM0225C1C9R3DD05# ±0.5pF GRM0225C1C9R4WD05# ±0.1pF GRM0225C1C9R4D05# ±0.5pF GRM0225C1C9R4D05# ±0.5pF GRM0225C1C9R4D05# ±0.5pF GRM0225C1C9R4D05# ±0.5pF GRM0225C1C9R4D05# ±0.5pF GRM0225C1C9R5WD05# ±0.5pF GRM0225C1C9R5WD05# ±0.1pF GRM0225C1C9R5D05# ±0.5pF GRM0225C1C9R5D05# ±0.5pF GRM0225C1C9R5D05# ±0.5pF GRM0225C1C9R5D05# ±0.5pF GRM0225C1C9R5D05# ±0.5pF GRM0225C1C9R5D05# ±0.5pF GRM0225C1C9R6WD05# ±0.5pF GRM0225C1C9R6WD05# ±0.1pF GRM0225C1C9R6WD05# ±0.1pF GRM0225C1C9R6WD05# | | | | | | |
| ### ### ############################## | | | | | | |
| #0.25pF GRM0225C1C9R2CD05# #0.5pF GRM0225C1C9R3WD05# #0.1pF GRM0225C1C9R3WD05# #0.25pF GRM0225C1C9R3BD05# #0.25pF GRM0225C1C9R3CD05# #0.5pF GRM0225C1C9R3DD05# #0.5pF GRM0225C1C9R4WD05# #0.1pF GRM0225C1C9R4WD05# #0.25pF GRM0225C1C9R4CD05# #0.5pF GRM0225C1C9R4CD05# #0.5pF GRM0225C1C9R4D05# #0.5pF GRM0225C1C9R5WD05# #0.5pF GRM0225C1C9R5WD05# #0.1pF GRM0225C1C9R5BD05# #0.5pF GRM0225C1C9R5DD05# #0.5pF GRM0225C1C9R5DD05# #0.5pF GRM0225C1C9R5DD05# #0.5pF GRM0225C1C9R6WD05# #0.5pF GRM0225C1C9R6WD05# #0.5pF GRM0225C1C9R6WD05# #0.5pF GRM0225C1C9R6WD05# | | | | 9.2p⊦ | - | |
| #0.5pF GRM0225C1C9R2DD05# 9.3pF ±0.05pF GRM0225C1C9R3WD05# ±0.1pF GRM0225C1C9R3DD05# ±0.25pF GRM0225C1C9R3DD05# ±0.5pF GRM0225C1C9R3DD05# ±0.05pF GRM0225C1C9R4WD05# ±0.1pF GRM0225C1C9R4BD05# ±0.25pF GRM0225C1C9R4CD05# ±0.5pF GRM0225C1C9R4DD05# ±0.5pF GRM0225C1C9R5WD05# ±0.1pF GRM0225C1C9R5WD05# ±0.1pF GRM0225C1C9R5DD05# ±0.1pF GRM0225C1C9R5DD05# ±0.5pF GRM0225C1C9R5DD05# ±0.5pF GRM0225C1C9R5DD05# ±0.5pF GRM0225C1C9R6WD05# ±0.1pF GRM0225C1C9R6WD05# | | | | | ±0.1pF | |
| 9.3pF ±0.05pF GRM0225C1C9R3WD05# ±0.1pF GRM0225C1C9R3BD05# ±0.25pF GRM0225C1C9R3CD05# ±0.5pF GRM0225C1C9R3DD05# ±0.05pF GRM0225C1C9R4WD05# ±0.1pF GRM0225C1C9R4BD05# ±0.25pF GRM0225C1C9R4CD05# ±0.5pF GRM0225C1C9R4CD05# ±0.5pF GRM0225C1C9R4DD05# ±0.1pF GRM0225C1C9R5WD05# ±0.1pF GRM0225C1C9R5BD05# ±0.25pF GRM0225C1C9R5DD05# ±0.5pF GRM0225C1C9R5DD05# ±0.5pF GRM0225C1C9R5DD05# ±0.5pF GRM0225C1C9R6WD05# ±0.05pF GRM0225C1C9R6WD05# ±0.1pF GRM0225C1C9R6WD05# | | | | | ±0.25pF | |
| #0.1pF GRM0225C1C9R3BD05# #0.25pF GRM0225C1C9R3CD05# #0.5pF GRM0225C1C9R3DD05# 9.4pF #0.05pF GRM0225C1C9R4WD05# #0.1pF GRM0225C1C9R4BD05# #0.25pF GRM0225C1C9R4CD05# #0.5pF GRM0225C1C9R4DD05# #0.5pF GRM0225C1C9R4DD05# #0.1pF GRM0225C1C9R5WD05# #0.1pF GRM0225C1C9R5BD05# #0.25pF GRM0225C1C9R5DD05# #0.5pF GRM0225C1C9R5DD05# #0.5pF GRM0225C1C9R6WD05# #0.5pF GRM0225C1C9R6WD05# #0.1pF GRM0225C1C9R6WD05# | | | | | ±0.5pF | |
| #0.25pF GRM0225C1C9R3CD05# #0.5pF GRM0225C1C9R3DD05# #0.05pF GRM0225C1C9R4WD05# #0.1pF GRM0225C1C9R4BD05# #0.25pF GRM0225C1C9R4CD05# #0.5pF GRM0225C1C9R4DD05# #0.5pF GRM0225C1C9R4DD05# #0.1pF GRM0225C1C9R5BD05# #0.1pF GRM0225C1C9R5BD05# #0.5pF GRM0225C1C9R5DD05# #0.5pF GRM0225C1C9R5DD05# #0.5pF GRM0225C1C9R5DD05# #0.5pF GRM0225C1C9R6WD05# #0.1pF GRM0225C1C9R6WD05# #0.1pF GRM0225C1C9R6BD05# | | | | 9.3pF | | |
| ### ### ############################## | | | | | ±0.1pF | GRM0225C1C9R3BD05# |
| 9.4pF ±0.05pF GRM0225C1C9R4WD05# ±0.1pF GRM0225C1C9R4BD05# ±0.25pF GRM0225C1C9R4CD05# ±0.5pF GRM0225C1C9R4DD05# ±0.05pF GRM0225C1C9R5WD05# ±0.1pF GRM0225C1C9R5BD05# ±0.25pF GRM0225C1C9R5CD05# ±0.5pF GRM0225C1C9R5DD05# ±0.5pF GRM0225C1C9R6WD05# ±0.1pF GRM0225C1C9R6WD05# ±0.1pF GRM0225C1C9R6BD05# | | | | | ±0.25pF | GRM0225C1C9R3CD05# |
| ### ### ############################## | | | | | ±0.5pF | GRM0225C1C9R3DD05# |
| #0.25pF GRM0225C1C9R4CD05# #0.5pF GRM0225C1C9R4DD05# 9.5pF #0.05pF GRM0225C1C9R5WD05# #0.1pF GRM0225C1C9R5BD05# #0.25pF GRM0225C1C9R5CD05# #0.5pF GRM0225C1C9R5DD05# #0.5pF GRM0225C1C9R6WD05# #0.1pF GRM0225C1C9R6WD05# #0.1pF GRM0225C1C9R6BD05# | | | | 9.4pF | ±0.05pF | GRM0225C1C9R4WD05# |
| #0.5pF GRM0225C1C9R4DD05# 9.5pF ±0.05pF GRM0225C1C9R5WD05# ±0.1pF GRM0225C1C9R5BD05# ±0.25pF GRM0225C1C9R5CD05# ±0.5pF GRM0225C1C9R5DD05# 9.6pF ±0.05pF GRM0225C1C9R6WD05# ±0.1pF GRM0225C1C9R6BD05# | | | | | ±0.1pF | GRM0225C1C9R4BD05# |
| 9.5pF ±0.05pF GRM0225C1C9R5WD05# ±0.1pF GRM0225C1C9R5BD05# ±0.25pF GRM0225C1C9R5CD05# ±0.5pF GRM0225C1C9R5DD05# ±0.05pF GRM0225C1C9R6WD05# ±0.1pF GRM0225C1C9R6BD05# | | | | | ±0.25pF | GRM0225C1C9R4CD05# |
| #0.1pF GRM0225C1C9R5BD05# #0.25pF GRM0225C1C9R5CD05# #0.5pF GRM0225C1C9R5DD05# 9.6pF #0.05pF GRM0225C1C9R6WD05# #0.1pF GRM0225C1C9R6BD05# | | | | | ±0.5pF | GRM0225C1C9R4DD05# |
| ±0.25pF GRM0225C1C9R5CD05# ±0.5pF GRM0225C1C9R5DD05# 9.6pF ±0.05pF GRM0225C1C9R6WD05# ±0.1pF GRM0225C1C9R6BD05# | | | | 9.5pF | ±0.05pF | GRM0225C1C9R5WD05# |
| #0.5pF GRM0225C1C9R5DD05# 9.6pF #0.05pF GRM0225C1C9R6WD05# #0.1pF GRM0225C1C9R6BD05# | | | | | ±0.1pF | GRM0225C1C9R5BD05# |
| 9.6pF ±0.05pF GRM0225C1C9R6WD05# ±0.1pF GRM0225C1C9R6BD05# | | | | | ±0.25pF | GRM0225C1C9R5CD05# |
| ±0.1pF | | | | | ±0.5pF | GRM0225C1C9R5DD05# |
| ±0.1pF | | | | 9.6pF | | GRM0225C1C9R6WD05# |
| | | | | • | - | |
| | | | | | ±0.25pF | GRM0225C1C9R6CD05# |

| Т | Rated | тс | Can | Tol. | Part Number |
|--------|---------|------|--------------|---------|---------------------------|
| max. | Voltage | Code | Сар. | 101. | |
| 0.22mm | 16Vdc | COG | 9.6pF | ±0.5pF | GRM0225C1C9R6DD05# |
| | | | 9.7pF | ±0.05pF | GRM0225C1C9R7WD05# |
| | | | | ±0.1pF | GRM0225C1C9R7BD05# |
| | | | | ±0.25pF | GRM0225C1C9R7CD05# |
| | | | | ±0.5pF | GRM0225C1C9R7DD05# |
| | | | 9.8pF | ±0.05pF | GRM0225C1C9R8WD05# |
| | | | | ±0.1pF | GRM0225C1C9R8BD05# |
| | | | | ±0.25pF | GRM0225C1C9R8CD05# |
| | | | | ±0.5pF | GRM0225C1C9R8DD05# |
| | | | 9.9pF | ±0.05pF | GRM0225C1C9R9WD05# |
| | | | | ±0.1pF | GRM0225C1C9R9BD05# |
| | | | | ±0.25pF | GRM0225C1C9R9CD05# |
| | | | | ±0.5pF | GRM0225C1C9R9DD05# |
| | | | 10pF | ±2% | GRM0225C1C100GD05# |
| | | | | ±5% | GRM0225C1C100JD05# |
| | | | 12pF | ±2% | GRM0225C1C120GD05# |
| | | | p. | ±5% | GRM0225C1C120JD05# |
| | | | 15pF | ±2% | GRM0225C1C150GD05# |
| | | | ТОРТ | ±5% | GRM0225C1C150JD05# |
| | | | 18pF | | |
| | | | торг | ±2% | GRM0225C1C180GD05# |
| | | | | ±5% | GRM0225C1C180JD05# |
| | | | 22pF | ±2% | GRM0225C1C220GD05# |
| | | | | ±5% | GRM0225C1C220JD05# |
| | | | 27pF | ±2% | GRM0225C1C270GD05# |
| | | | | ±5% | GRM0225C1C270JD05# |
| | | | 33pF 39pF | ±2% | GRM0225C1C330GD05# |
| | | | | ±5% | GRM0225C1C330JD05# |
| | | | | ±2% | GRM0225C1C390GD05# |
| | | | | ±5% | GRM0225C1C390JD05# |
| | | | 47pF | ±2% | GRM0225C1C470GD05# |
| | | | | ±5% | GRM0225C1C470JD05# |
| | | CK | 0.2pF | ±0.05pF | GRM0224C1CR20WD05# |
| | | | | ±0.1pF | GRM0224C1CR20BD05# |
| | | | 0.3pF | ±0.05pF | GRM0224C1CR30WD05# |
| | | | | ±0.1pF | GRM0224C1CR30BD05# |
| | | | 0.4pF | ±0.05pF | GRM0224C1CR40WD05# |
| | | | | ±0.1pF | GRM0224C1CR40BD05# |
| | | | 0.5pF | ±0.05pF | GRM0224C1CR50WD05# |
| | | | J.0pi | ±0.1pF | GRM0224C1CR50BD05# |
| | | | 0.6pF | ±0.1pr | GRM0224C1CR60WD05# |
| | | | υ.υμΓ | - | |
| | | | 0.75 | ±0.1pF | GRM0224C1CR60BD05# |
| | | | 0.7pF | ±0.05pF | GRM0224C1CR70WD05# |
| | | | • | ±0.1pF | GRM0224C1CR70BD05# |
| | | | 0.8pF | ±0.05pF | GRM0224C1CR80WD05# |
| | | | | ±0.1pF | GRM0224C1CR80BD05# |
| | | | 0.9pF | ±0.05pF | GRM0224C1CR90WD05# |
| | | | | ±0.1pF | GRM0224C1CR90BD05# |
| | | | 1.0pF | ±0.05pF | GRM0224C1C1R0WD05# |
| | | | | ±0.1pF | GRM0224C1C1R0BD05# |
| | | | | ±0.25pF | GRM0224C1C1R0CD05# |
| | | | 1.1pF | ±0.05pF | GRM0224C1C1R1WD05# |
| | | | | ±0.1pF | GRM0224C1C1R1BD05# |
| | | | | ±0.25pF | GRM0224C1C1R1CD05# |
| | | ! | | ±0.23pi | GITIMOZZ TO TO TITTO DOG# |

| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number | |
|-----------|------------------|------------|----------|--------------|------------------------------------|------|
| 0.22mm | 16Vdc | СК | 1.2pF | ±0.1pF | GRM0224C1C1R2BD05# | |
| | | | | ±0.25pF | GRM0224C1C1R2CD05# | |
| | | | 1.3pF | ±0.05pF | GRM0224C1C1R3WD05# | |
| | | | | ±0.1pF | GRM0224C1C1R3BD05# | |
| | | | | ±0.25pF | GRM0224C1C1R3CD05# | |
| | | | 1.4pF | ±0.05pF | GRM0224C1C1R4WD05# | |
| | | | | ±0.1pF | GRM0224C1C1R4BD05# | |
| | | | | ±0.25pF | GRM0224C1C1R4CD05# | |
| | | | 1.5pF | ±0.05pF | GRM0224C1C1R5WD05# | |
| | | | | ±0.1pF | GRM0224C1C1R5BD05# | |
| | | | | ±0.25pF | GRM0224C1C1R5CD05# | |
| | | | 1.6pF | ±0.05pF | GRM0224C1C1R6WD05# | |
| | | | | ±0.1pF | GRM0224C1C1R6BD05# | |
| | | | | ±0.25pF | GRM0224C1C1R6CD05# | |
| | | | 1.7pF | ±0.05pF | GRM0224C1C1R7WD05# | |
| | | | | ±0.1pF | GRM0224C1C1R7BD05# | |
| | | | | ±0.25pF | GRM0224C1C1R7CD05# | |
| | | | 1.8pF | ±0.05pF | GRM0224C1C1R8WD05# | |
| | | | | ±0.1pF | GRM0224C1C1R8BD05# | |
| | | | | ±0.25pF | GRM0224C1C1R8CD05# | |
| | | | 1.9pF | ±0.05pF | GRM0224C1C1R9WD05# | |
| | | | | ±0.1pF | GRM0224C1C1R9BD05# | |
| | | | | ±0.25pF | GRM0224C1C1R9CD05# | |
| | | | 2.0pF | ±0.05pF | GRM0224C1C2R0WD05# | |
| | | | | ±0.1pF | GRM0224C1C2R0BD05# | |
| | | | | ±0.25pF | GRM0224C1C2R0CD05# | |
| | | CJ | 2.1pF | ±0.05pF | GRM0223C1C2R1WD05# | |
| | | | | ±0.1pF | GRM0223C1C2R1BD05# | |
| | | | | ±0.25pF | GRM0223C1C2R1CD05# | |
| | | | 2.2pF | ±0.05pF | GRM0223C1C2R2WD05# | |
| | | | | ±0.1pF | GRM0223C1C2R2BD05# | |
| | | | | ±0.25pF | GRM0223C1C2R2CD05# | |
| | | | 2.3pF | ±0.05pF | GRM0223C1C2R3WD05# | |
| | | | | ±0.1pF | GRM0223C1C2R3BD05# | |
| | | | | ±0.25pF | GRM0223C1C2R3CD05# | |
| | | | 2.4pF | ±0.05pF | GRM0223C1C2R4WD05# | |
| | | | | ±0.1pF | GRM0223C1C2R4BD05# | |
| | | | | ±0.25pF | GRM0223C1C2R4CD05# | |
| | | | 2.5pF | ±0.05pF | GRM0223C1C2R5WD05# | |
| | | | | ±0.1pF | GRM0223C1C2R5BD05# | |
| | | | | ±0.25pF | GRM0223C1C2R5CD05# | |
| | | | 2.6pF | ±0.05pF | GRM0223C1C2R6WD05# | |
| | | | | ±0.1pF | GRM0223C1C2R6BD05# | |
| | | | | ±0.25pF | GRM0223C1C2R6CD05# | |
| | | | 2.7pF | ±0.05pF | GRM0223C1C2R7WD05# | |
| | | | | ±0.1pF | GRM0223C1C2R7BD05# | |
| | | | | ±0.25pF | GRM0223C1C2R7CD05# | |
| | | | 2.8pF | ±0.05pF | GRM0223C1C2R8WD05# | |
| | | | | ±0.1pF | GRM0223C1C2R8BD05# | |
| | | | | ±0.25pF | GRM0223C1C2R8CD05# | |
| | | | 2.9pF | ±0.05pF | | |
| | | | | ±0.1pF | GRM0223C1C2R9BD05# | |
| | | | _ | ±0.25pF | GRM0223C1C2R9CD05# | |
| | | | 3.0pF | ±0.05pF | GRM0223C1C3R0WD05# | |
| | | | Part nur | nber # indic | cates the package specification of | ode. |



| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number |
|-----------|------------------|------------|--------|-------------------|--|
| 0.22mm | 16Vdc | CJ | 3.0pF | ±0.1pF | GRM0223C1C3R0BD05# |
| | | | | ±0.25pF | GRM0223C1C3R0CD05# |
| | | | 3.1pF | ±0.05pF | GRM0223C1C3R1WD05# |
| | | | | ±0.1pF | GRM0223C1C3R1BD05# |
| | | | | ±0.25pF | GRM0223C1C3R1CD05# |
| | | | 3.2pF | ±0.05pF | GRM0223C1C3R2WD05# |
| | | | | ±0.1pF | GRM0223C1C3R2BD05# |
| | | | | ±0.25pF | GRM0223C1C3R2CD05# |
| | | | 3.3pF | ±0.05pF | GRM0223C1C3R3WD05# |
| | | | | ±0.1pF | GRM0223C1C3R3BD05# |
| | | | | ±0.25pF | GRM0223C1C3R3CD05# |
| | | | 3.4pF | ±0.05pF | GRM0223C1C3R4WD05# |
| | | | | ±0.1pF | GRM0223C1C3R4BD05# |
| | | | | ±0.25pF | GRM0223C1C3R4CD05# |
| | | | 3.5pF | ±0.05pF | GRM0223C1C3R5WD05# |
| | | | • | ±0.1pF | GRM0223C1C3R5BD05# |
| | | | | ±0.25pF | GRM0223C1C3R5CD05# |
| | | | 3.6pF | - | GRM0223C1C3R6WD05# |
| | | | о.ор. | ±0.1pF | GRM0223C1C3R6BD05# |
| | | | | ±0.25pF | GRM0223C1C3R6CD05# |
| | | | 3.7pF | ±0.05pF | GRM0223C1C3R7WD05# |
| | | | 5.7 pi | · · | GRM0223C1C3R7BD05# |
| | | | | ±0.1pF | |
| | | | 2.05 | ±0.25pF | GRM0223C1C3R7CD05# |
| | | | 3.8pF | ±0.05pF | GRM0223C1C3R8WD05# |
| | | | | ±0.1pF | GRM0223C1C3R8BD05# |
| | | | 0.0-5 | · · | GRM0223C1C3R8CD05# |
| | | | 3.9pF | ±0.05pF | GRM0223C1C3R9WD05# |
| | | | | ±0.1pF | GRM0223C1C3R9BD05# |
| | | 011 | | ±0.25pF | GRM0223C1C3R9CD05# |
| | | СН | 4.0pF | ±0.05pF | GRM0222C1C4R0WD05# |
| | | | | ±0.1pF | GRM0222C1C4R0BD05# |
| | | | | ±0.25pF | GRM0222C1C4R0CD05# |
| | | | 4.1pF | ±0.05pF | GRM0222C1C4R1WD05# |
| | | | | ±0.1pF | GRM0222C1C4R1BD05# |
| | | | | ±0.25pF | GRM0222C1C4R1CD05# |
| | | | 4.2pF | ±0.05pF | GRM0222C1C4R2WD05# |
| | | | | ±0.1pF | GRM0222C1C4R2BD05# |
| | | | | ±0.25pF | GRM0222C1C4R2CD05# |
| | | | 4.3pF | ±0.05pF | GRM0222C1C4R3WD05# |
| | | | | ±0.1pF | GRM0222C1C4R3BD05# |
| | | | | ±0.25pF | GRM0222C1C4R3CD05# |
| | | | 4.4pF | ±0.05pF | GRM0222C1C4R4WD05# |
| | | | | ±0.1pF | GRM0222C1C4R4BD05# |
| | | | | ±0.25pF | GRM0222C1C4R4CD05# |
| | | | 4.5pF | ±0.05pF | GRM0222C1C4R5WD05# |
| | | | | ±0.1pF | GRM0222C1C4R5BD05# |
| | | | | ±0.25pF | GRM0222C1C4R5CD05# |
| | | | 4.6pF | ±0.05pF | GRM0222C1C4R6WD05# |
| | | | | ±0.1pF | GRM0222C1C4R6BD05# |
| | | | | - | GRM0222C1C4R6CD05# |
| | | | 4.7pF | ±0.05pF | GRM0222C1C4R7WD05# |
| | | 1 | | | |
| | | | | ±0.1nF | GRM0222C1C4R7BD05# |
| | | | | ±0.1pF ±0.25pF | GRM0222C1C4R7BD05# GRM0222C1C4R7CD05# |

| 16Vdc | T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number | |
|--|-----------|------------------|------------|-------|---------|--------------------|--|
| 4.9pF | 0.22mm | 16Vdc | СН | 4.8pF | ±0.1pF | GRM0222C1C4R8BD05# | |
| #0.1pF GRM0222C1C4R9D05# #0.25pF GRM0222C1C5R0WD05# #0.1pF GRM0222C1C5R0WD05# #0.1pF GRM0222C1C5R0D05# #0.1pF GRM0222C1C5R1WD05# #0.25pF GRM0222C1C5R1WD05# #0.25pF GRM0222C1C5R1D05# #0.25pF GRM0222C1C5R1D05# #0.5pF GRM0222C1C5R1D05# #0.5pF GRM0222C1C5R1D05# #0.1pF GRM0222C1C5R2D05# #0.1pF GRM0222C1C5R2D05# #0.1pF GRM0222C1C5R2D05# #0.1pF GRM0222C1C5R2D05# #0.1pF GRM0222C1C5R3D05# #0.5pF GRM0222C1C5R3D05# #0.5pF GRM0222C1C5R3D05# #0.5pF GRM0222C1C5R3D05# #0.5pF GRM0222C1C5R3D05# #0.5pF GRM0222C1C5R3D05# #0.5pF GRM0222C1C5R4D05# #0.5pF GRM0222C1C5R4D05# #0.5pF GRM0222C1C5R4D05# #0.5pF GRM0222C1C5R4D05# #0.5pF GRM0222C1C5R4D05# #0.5pF GRM0222C1C5R4D05# #0.5pF GRM0222C1C5R5D05# #0.5pF GRM0222C1C5R5D05# #0.5pF GRM0222C1C5R5D05# #0.5pF GRM0222C1C5R6D05# #0.5pF GRM0222C1C5R7D05# #0.5pF GRM0222C1C5R8D05# #0.5pF GRM022C1C5R8D05# #0.5pF GRM022C1C5R8D05# #0.5pF GRM022C1C5R8D05# #0.5pF GR | | | | | ±0.25pF | GRM0222C1C4R8CD05# | |
| #0.5pF GRM0222C1C5R0WD05# ±0.1pF GRM0222C1C5R0BD05# ±0.1pF GRM0222C1C5R0BD05# ±0.25pF GRM0222C1C5R1WD05# ±0.25pF GRM0222C1C5R1WD05# ±0.5pF GRM0222C1C5R1DD05# ±0.5pF GRM0222C1C5R1DD05# ±0.5pF GRM0222C1C5R2WD05# ±0.5pF GRM0222C1C5R2WD05# ±0.5pF GRM0222C1C5R2WD05# ±0.5pF GRM0222C1C5R2WD05# ±0.5pF GRM0222C1C5R2WD05# ±0.5pF GRM0222C1C5R3WD05# ±0.5pF GRM0222C1C5R3WD05# ±0.5pF GRM0222C1C5R3WD05# ±0.5pF GRM0222C1C5R3WD05# ±0.5pF GRM0222C1C5R3CD05# ±0.5pF GRM0222C1C5R3D05# ±0.5pF GRM0222C1C5R3D05# ±0.5pF | | | | 4.9pF | ±0.05pF | GRM0222C1C4R9WD05# | |
| 5.0pF | | | | | ±0.1pF | GRM0222C1C4R9BD05# | |
| #0.15F GRM0222C1C5R0BD05# #0.25pF GRM0222C1C5R1BD05# #0.25pF GRM0222C1C5R1BD05# #0.5pF GRM0222C1C5R1BD05# #0.5pF GRM0222C1C5R1BD05# #0.5pF GRM0222C1C5R1D05# #0.5pF GRM0222C1C5R2D05# #0.5pF GRM0222C1C5R2D05# #0.5pF GRM0222C1C5R2D05# #0.5pF GRM0222C1C5R3D05# #0.5pF GRM0222C1C5R4D05# #0.5pF GRM0222C1C5R5D05# #0.5pF GRM0222C1C5R5D05# #0.5pF GRM0222C1C5R6D05# #0.5pF GRM0222C1C5R8D05# #0.5pF GRM0222C1C5R9D05# #0.5pF GRM0222C1C5R9D05# #0.5pF GRM0222C1C5R9D05# #0.5pF GRM0222C1C5R9D05# #0.5pF GRM0222C1C5R9D05# #0.5pF GRM0222C1C5R0D05# #0.5pF GRM02 | | | | | ±0.25pF | GRM0222C1C4R9CD05# | |
| #0.25pF GRM0222C1C5R1WD05# #0.1pF GRM0222C1C5R1BD05# #0.25pF GRM0222C1C5R1DD05# #0.5pF GRM0222C1C5R1DD05# #0.5pF GRM0222C1C5R1DD05# #0.5pF GRM0222C1C5R2DD05# #0.5pF GRM0222C1C5R2DD05# #0.5pF GRM0222C1C5R2DD05# #0.5pF GRM0222C1C5R3DD05# #0.5pF GRM0222C1C5R4DD05# #0.5pF GRM0222C1C5R4DD05# #0.5pF GRM0222C1C5R4DD05# #0.5pF GRM0222C1C5R4DD05# #0.5pF GRM0222C1C5R5D05# #0.5pF GRM0222C1C5R5D05# #0.5pF GRM0222C1C5R5D05# #0.5pF GRM0222C1C5R5D05# #0.5pF GRM0222C1C5R6D05# #0.5pF GRM0222C1C5R7D05# #0.5pF GRM0222C1C5R7D05# #0.5pF GRM0222C1C5R7D05# #0.5pF GRM0222C1C5R7D05# #0.5pF GRM0222C1C5R7D05# #0.5pF GRM0222C1C5R8D05# #0.5pF GRM0222C1C5R9D05# #0.5pF GRM0222C1C5R0D05# | | | | 5.0pF | ±0.05pF | GRM0222C1C5R0WD05# | |
| 5.1pF | | | | | ±0.1pF | GRM0222C1C5R0BD05# | |
| #0.1pF GRM0222C1CSR1DD05# #0.5pF GRM0222C1CSR2DD05# #0.5pF GRM022C1CSR2DD05# #0.5pF GRM022C1CSR2DD05# #0.5pF GRM022C1CSR2DD05# #0.5pF GRM022C1CSR3WD05# #0.5pF GRM022C1CSR4DD05# #0.5pF GRM022C1CSR4DD05# #0.5pF GRM022C1CSR4DD05# #0.5pF GRM022C1CSR5WD05# #0.5pF GRM022C1CSR5WD05# #0.5pF GRM022C1CSR5WD05# #0.5pF GRM022C1CSR5WD05# #0.5pF GRM022C1CSR5WD05# #0.5pF GRM022C1CSR5WD05# #0.5pF GRM022C1CSR6DD05# #0.5pF GRM022C1CSR6DD05# #0.5pF GRM022C1CSR6DD05# #0.5pF GRM022C1CSR6DD05# #0.5pF GRM022C1CSR6DD05# #0.5pF GRM022C1CSR0D05# #0.5pF GRM022C1CGR0D05# | | | | | ±0.25pF | GRM0222C1C5R0CD05# | |
| #0.25pF GRM0222C1C5R1DD05# #0.5pF GRM022C1C5R2DD05# #0.1pF GRM022C1C5R2DD05# #0.5pF GRM022C1C5R2DD05# #0.5pF GRM022C1C5R3DD05# #0.5pF GRM022C1C5R4DD05# #0.5pF GRM022C1C5R4DD05# #0.5pF GRM022C1C5R4DD05# #0.5pF GRM022C1C5R4DD05# #0.5pF GRM022C1C5R5DD05# #0.5pF GRM022C1C5R5DD05# #0.5pF GRM022C1C5R5DD05# #0.5pF GRM022C1C5R5DD05# #0.5pF GRM022C1C5R5DD05# #0.5pF GRM022C1C5R6D05# #0.5pF GRM022C1C5R6D05# #0.5pF GRM022C1C5R6D05# #0.5pF GRM022C1C5R6D05# #0.5pF GRM022C1C5R6D05# #0.5pF GRM022C1C5R5DD05# #0.5pF GRM022C1C5R5DD05# #0.5pF GRM022C1C5R5DD05# #0.5pF GRM022C1C5R5DD05# #0.5pF GRM022C1C5R7DD05# #0.5pF GRM022C1C5R7DD05# #0.5pF GRM022C1C5R7DD05# #0.5pF GRM022C1C5R8DD05# #0.5pF GRM022C1C5R9DD05# #0.5pF GRM022C1C5R0DD05# | | | | 5.1pF | ±0.05pF | GRM0222C1C5R1WD05# | |
| 10.5pF 20.05pF 30.05pF 30.05 | | | | | ±0.1pF | GRM0222C1C5R1BD05# | |
| 5.2pF | | | | | ±0.25pF | GRM0222C1C5R1CD05# | |
| #0.1pF GRM0222C1C5R2DD05# #0.25pF GRM0222C1C5R2DD05# #0.5pF GRM022C1C5R3DD05# #0.1pF GRM022C1C5R3DD05# #0.5pF GRM022C1C5R3DD05# #0.5pF GRM022C1C5R3DD05# #0.5pF GRM022C1C5R3DD05# #0.5pF GRM022C1C5R3DD05# #0.5pF GRM022C1C5R3DD05# #0.5pF GRM022C1C5R4DD05# #0.5pF GRM022C1C5R4DD05# #0.5pF GRM022C1C5R4DD05# #0.5pF GRM022C1C5R5DD05# #0.5pF GRM022C1C5R6D05# #0.5pF GRM022C1C5R6D05# #0.5pF GRM022C1C5R6D05# #0.5pF GRM022C1C5R5DD05# #0.5pF GRM022C1C5R5DD05# #0.5pF GRM022C1C5R5DD05# #0.5pF GRM022C1C5R5DD05# #0.5pF GRM022C1C5R5DD05# #0.5pF GRM022C1C5R5DD05# #0.5pF GRM022C1C5R8DD05# #0.5pF GRM022C1C5R8DD05# #0.5pF GRM022C1C5R8DD05# #0.5pF GRM022C1C5R8DD05# #0.5pF GRM022C1C5R8DD05# #0.5pF GRM022C1C5R9D05# #0.5pF GRM022C1C6R0D05# | | | | | ±0.5pF | GRM0222C1C5R1DD05# | |
| #0.25pF GRM0222C1C5R2DD05# #0.5pF GRM022C1C5R3WD05# #0.1pF GRM022C1C5R3WD05# #0.25pF GRM022C1C5R3WD05# #0.25pF GRM022C1C5R3DD05# #0.5pF GRM022C1C5R3DD05# #0.1pF GRM022C1C5R3DD05# #0.5pF GRM022C1C5R3WD05# #0.1pF GRM022C1C5R4WD05# #0.25pF GRM022C1C5R4WD05# #0.25pF GRM022C1C5R4WD05# #0.5pF GRM022C1C5R4DD05# #0.5pF GRM022C1C5R4DD05# #0.5pF GRM022C1C5R5WD05# #0.1pF GRM022C1C5R5WD05# #0.5pF GRM022C1C5R5D05# #0.5pF GRM022C1C5R5D05# #0.5pF GRM022C1C5R5D05# #0.5pF GRM022C1C5R5D05# #0.5pF GRM022C1C5R6D05# #0.5pF GRM022C1C5R6D05# #0.5pF GRM022C1C5R6D05# #0.5pF GRM022C1C5R6D05# #0.5pF GRM022C1C5R6D05# #0.5pF GRM022C1C5R7WD05# #0.5pF GRM022C1C5R7WD05# #0.5pF GRM022C1C5R7WD05# #0.5pF GRM022C1C5R8D05# #0.5pF GRM022C1C5R9D05# #0.5pF GRM022C1C5R9D05# #0.5pF GRM022C1C5R9D05# #0.5pF GRM022C1C6R0D05# | | | | 5.2pF | ±0.05pF | GRM0222C1C5R2WD05# | |
| ### ### ############################## | | | | | ±0.1pF | GRM0222C1C5R2BD05# | |
| 5.3pF ±0.05pF GRM0222C1C5R3WD05# ±0.1pF GRM022C1C5R3D05# ±0.25pF GRM022C1C5R3D05# ±0.5pF GRM022C1C5R3D05# ±0.5pF GRM022C1C5R4WD05# ±0.25pF GRM022C1C5R4WD05# ±0.5pF GRM022C1C5R4WD05# ±0.5pF GRM022C1C5R4WD05# ±0.5pF GRM022C1C5R4WD05# ±0.5pF GRM022C1C5R5WD05# ±0.5pF GRM022C1C5R5WD05# ±0.5pF GRM022C1C5R5WD05# ±0.5pF GRM022C1C5R5WD05# ±0.5pF GRM022C1C5R5WD05# ±0.5pF GRM022C1C5R6WD05# ±0.5pF GRM022C1C5R6WD05# ±0.5pF GRM022C1C5R6WD05# ±0.5pF GRM022C1C5R6WD05# ±0.5pF GRM022C1C5R6WD05# ±0.5pF GRM022C1C5R7WD05# ±0.5pF GRM022C1C5R7WD05# ±0.5pF GRM022C1C5R7WD05# ±0.5pF GRM022C1C5R7WD05# ±0.5pF GRM022C1C5R8WD05# ±0.5pF GRM022C1C5R8DD05# ±0.5pF GRM022C1C6R0D05# ±0.5pF GRM022C1C6R1D05# | | | | | ±0.25pF | GRM0222C1C5R2CD05# | |
| #0.1pF GRM0222C1C5R3BD05# #0.25pF GRM0222C1C5R3CD05# #0.5pF GRM0222C1C5R3DD05# #0.1pF GRM022C1C5R4WD05# #0.1pF GRM022C1C5R4WD05# #0.25pF GRM022C1C5R4DD05# #0.5pF GRM022C1C5R4DD05# #0.5pF GRM022C1C5R4DD05# #0.1pF GRM022C1C5R5WD05# #0.1pF GRM022C1C5R5WD05# #0.1pF GRM022C1C5R5WD05# #0.25pF GRM022C1C5R5D05# #0.5pF GRM022C1C5R5D05# #0.1pF GRM022C1C5R5D05# #0.1pF GRM022C1C5R6WD05# #0.25pF GRM022C1C5R6WD05# #0.25pF GRM022C1C5R6D05# #0.25pF GRM022C1C5R6D05# #0.5pF GRM022C1C5R6D05# #0.5pF GRM022C1C5R6D05# #0.5pF GRM022C1C5R7WD05# #0.1pF GRM022C1C5R7WD05# #0.25pF GRM022C1C5R7DD5# #0.5pF GRM022C1C5R8WD05# #0.5pF GRM022C1C5R8WD05# #0.5pF GRM022C1C5R8WD05# #0.5pF GRM022C1C5R8D05# #0.5pF GRM022C1C5R8D05# #0.5pF GRM022C1C5R9D05# #0.5pF GRM022C1C6R0WD05# #0.5pF GRM022C1C6R0D05# #0.5pF GRM022C1C6R0D05# #0.5pF GRM022C1C6R0D05# #0.5pF GRM022C1C6R0D05# #0.5pF GRM022C1C6R0D05# #0.5pF GRM022C1C6R0D05# #0.5pF GRM022C1C6R1BD05# #0.5pF GRM022C1C6R1BD05# #0.5pF GRM022C1C6R1DD05# #0.5pF GRM022C1C6R1DD05# #0.5pF GRM022C1C6R1DD05# #0.5pF GRM022C1C6R1DD05# | | | | | ±0.5pF | GRM0222C1C5R2DD05# | |
| #0.25pF GRM0222C1C5R3DD05# #0.5pF GRM0222C1C5R3DD05# #0.1pF GRM022C1C5R4WD05# #0.25pF GRM022C1C5R4WD05# #0.5pF GRM022C1C5R4WD05# #0.5pF GRM022C1C5R4WD05# #0.5pF GRM022C1C5R4WD05# #0.1pF GRM022C1C5R5WD05# #0.1pF GRM022C1C5R5WD05# #0.25pF GRM022C1C5R5WD05# #0.5pF GRM022C1C5R5DD05# #0.5pF GRM022C1C5R5WD05# #0.1pF GRM022C1C5R6WD05# #0.1pF GRM022C1C5R6WD05# #0.1pF GRM022C1C5R6WD05# #0.5pF GRM022C1C5R6WD05# #0.5pF GRM022C1C5R6WD05# #0.5pF GRM022C1C5R6WD05# #0.1pF GRM022C1C5R6WD05# #0.1pF GRM022C1C5R7WD05# #0.1pF GRM022C1C5R7WD05# #0.1pF GRM022C1C5R7WD05# #0.5pF GRM022C1C5R7WD05# #0.5pF GRM022C1C5R8WD05# #0.1pF GRM022C1C5R8WD05# #0.1pF GRM022C1C5R8WD05# #0.5pF GRM022C1C5R8WD05# #0.5pF GRM022C1C5R8WD05# #0.5pF GRM022C1C5R8WD05# #0.5pF GRM022C1C5R9WD05# #0.1pF GRM022C1C5R9WD05# #0.1pF GRM022C1C5R9DD05# #0.5pF GRM022C1C5R9DD05# #0.5pF GRM022C1C5R9DD05# #0.5pF GRM022C1C5R9DD05# #0.5pF GRM022C1C5R9DD05# #0.5pF GRM022C1C5R9DD05# #0.5pF GRM022C1C5R0DD05# #0.5pF GRM022C1C6R0DD05# #0.5pF GRM022C1C6R0DD05# #0.5pF GRM022C1C6R0DD05# #0.5pF GRM022C1C6R0DD05# #0.5pF GRM022C1C6R0DD05# #0.5pF GRM022C1C6R1DD05# #0.5pF GRM022C1C6R1BD05# #0.5pF GRM022C1C6R1BD05# #0.5pF GRM022C1C6R1DD05# | | | | 5.3pF | ±0.05pF | GRM0222C1C5R3WD05# | |
| #0.5pF GRM0222C1C5R3DD05# #0.1pF GRM022C1C5R4WD05# #0.25pF GRM022C1C5R4WD05# #0.5pF GRM022C1C5R4WD05# #0.5pF GRM022C1C5R5WD05# #0.5pF GRM022C1C5R5WD05# #0.5pF GRM022C1C5R5DD05# #0.5pF GRM022C1C5R5DD05# #0.5pF GRM022C1C5R6WD05# #0.5pF GRM022C1C5R7WD05# #0.5pF GRM022C1C5R7WD05# #0.5pF GRM022C1C5R8WD05# #0.5pF GRM022C1C5R9WD05# #0.5pF GRM022C1C5R9WD05# #0.5pF GRM022C1C5R9D05# #0.5pF GRM022C1C5R9D05# #0.5pF GRM022C1C5R9D05# #0.5pF GRM022C1C5R0D05# | | | | | ±0.1pF | GRM0222C1C5R3BD05# | |
| 5.4pf | | | | | ±0.25pF | GRM0222C1C5R3CD05# | |
| #0.1pF GRM0222C1C5R4BD05# #0.5pF GRM022C1C5R4CD05# #0.5pF GRM022C1C5R4CD05# #0.1pF GRM022C1C5R5WD05# #0.1pF GRM022C1C5R5WD05# #0.25pF GRM022C1C5R5D05# #0.5pF GRM022C1C5R5D05# #0.5pF GRM022C1C5R5D05# #0.5pF GRM022C1C5R5D05# #0.5pF GRM022C1C5R6WD05# #0.1pF GRM022C1C5R6WD05# #0.25pF GRM022C1C5R6D05# #0.5pF GRM022C1C5R6D05# #0.5pF GRM022C1C5R6D05# #0.5pF GRM022C1C5R6D05# #0.5pF GRM022C1C5R7WD05# #0.5pF GRM022C1C5R7WD05# #0.5pF GRM022C1C5R7D05# #0.5pF GRM022C1C5R7D05# #0.5pF GRM022C1C5R8WD05# #0.5pF GRM022C1C5R8D05# #0.5pF GRM022C1C5R8D05# #0.5pF GRM022C1C5R8D05# #0.5pF GRM022C1C5R8D05# #0.5pF GRM022C1C5R9D05# #0.5pF GRM022C1C6R0WD05# #0.5pF GRM022C1C6R0WD05# #0.5pF GRM022C1C6R0D05# #0.5pF GRM022C1C6R0D05# #0.5pF GRM022C1C6R1D05# | | | | | ±0.5pF | GRM0222C1C5R3DD05# | |
| #0.25pF GRM0222C1C5R4CD05# #0.5pF GRM0222C1C5R4DD05# #0.1pF GRM0222C1C5R5WD05# #0.25pF GRM0222C1C5R5WD05# #0.25pF GRM0222C1C5R5D05# #0.5pF GRM022C1C5R5D05# #0.5pF GRM022C1C5R5D05# #0.1pF GRM022C1C5R6WD05# #0.1pF GRM022C1C5R6WD05# #0.1pF GRM022C1C5R6DD05# #0.25pF GRM022C1C5R6DD05# #0.5pF GRM022C1C5R6DD05# #0.5pF GRM022C1C5R6DD05# #0.25pF GRM022C1C5R7WD05# #0.1pF GRM022C1C5R7WD05# #0.25pF GRM022C1C5R7DD05# #0.5pF GRM022C1C5R7DD05# #0.5pF GRM022C1C5R8WD05# #0.1pF GRM022C1C5R8WD05# #0.25pF GRM022C1C5R8DD05# #0.25pF GRM022C1C5R8DD05# #0.5pF GRM022C1C5R8DD05# #0.5pF GRM022C1C5R9DD05# #0.5pF GRM022C1C6R0BD05# #0.5pF GRM022C1C6R0BD05# #0.5pF GRM022C1C6R0D05# #0.5pF GRM022C1C6R1DD05# | | | | 5.4pF | ±0.05pF | GRM0222C1C5R4WD05# | |
| #0.5pF GRM0222C1C5R4DD05# #0.1pF GRM0222C1C5R5WD05# #0.25pF GRM0222C1C5R5D05# #0.25pF GRM0222C1C5R5D05# #0.5pF GRM0222C1C5R5D05# #0.5pF GRM022C1C5R5D05# #0.5pF GRM022C1C5R6WD05# #0.1pF GRM022C1C5R6WD05# #0.25pF GRM022C1C5R6D05# #0.5pF GRM022C1C5R6D05# #0.5pF GRM022C1C5R6D05# #0.1pF GRM022C1C5R7WD05# #0.1pF GRM022C1C5R7WD05# #0.5pF GRM022C1C5R7D05# #0.5pF GRM022C1C5R7D05# #0.5pF GRM022C1C5R7D05# #0.1pF GRM022C1C5R7D05# #0.1pF GRM022C1C5R8WD05# #0.25pF GRM022C1C5R8WD05# #0.5pF GRM022C1C5R8D05# #0.5pF GRM022C1C5R8D05# #0.5pF GRM022C1C5R8D05# #0.5pF GRM022C1C5R9D05# #0.5pF GRM022C1C5R9D05# #0.5pF GRM022C1C5R9D05# #0.5pF GRM022C1C5R9D05# #0.5pF GRM022C1C5R9D05# #0.5pF GRM022C1C5R9D05# #0.5pF GRM022C1C6R0D05# #0.5pF GRM022C1C6R0D05# #0.5pF GRM022C1C6R0D05# #0.5pF GRM022C1C6R0D05# #0.5pF GRM022C1C6R1D05# | | | | | ±0.1pF | GRM0222C1C5R4BD05# | |
| 5.5pF | | | | | ±0.25pF | GRM0222C1C5R4CD05# | |
| #0.1pF GRM0222C1C5R5BD05# #0.25pF GRM0222C1C5R5CD05# #0.5pF GRM0222C1C5R5DD05# #0.1pF GRM0222C1C5R6WD05# #0.1pF GRM0222C1C5R6DD05# #0.25pF GRM0222C1C5R6CD05# #0.5pF GRM0222C1C5R6DD05# #0.1pF GRM0222C1C5R6DD05# #0.1pF GRM0222C1C5R7WD05# #0.1pF GRM0222C1C5R7DD05# #0.5pF GRM0222C1C5R7DD05# #0.5pF GRM0222C1C5R7DD05# #0.5pF GRM0222C1C5R8WD05# #0.1pF GRM0222C1C5R8WD05# #0.1pF GRM0222C1C5R8DD05# #0.25pF GRM0222C1C5R8DD05# #0.5pF GRM0222C1C5R8DD05# #0.5pF GRM0222C1C5R8DD05# #0.5pF GRM0222C1C5R9WD05# #0.1pF GRM0222C1C5R9WD05# #0.1pF GRM0222C1C5R9D05# #0.5pF GRM0222C1C5R9D05# #0.5pF GRM0222C1C5R9D05# #0.5pF GRM0222C1C5R9D05# #0.5pF GRM0222C1C6R0WD05# #0.5pF GRM0222C1C6R0DD05# #0.5pF GRM0222C1C6R0DD05# #0.5pF GRM0222C1C6R0DD05# #0.5pF GRM0222C1C6R0DD05# #0.5pF GRM0222C1C6R1WD05# #0.5pF GRM0222C1C6R1DD05# #0.1pF GRM0222C1C6R1DD05# #0.5pF GRM0222C1C6R1DD05# | | | | | ±0.5pF | GRM0222C1C5R4DD05# | |
| #0.25pF GRM0222C1C5R5CD05# #0.5pF GRM0222C1C5R6WD05# #0.1pF GRM0222C1C5R6BD05# #0.25pF GRM0222C1C5R6CD05# #0.5pF GRM0222C1C5R6CD05# #0.5pF GRM0222C1C5R6DD05# #0.1pF GRM0222C1C5R7WD05# #0.1pF GRM0222C1C5R7WD05# #0.1pF GRM0222C1C5R7DD05# #0.5pF GRM0222C1C5R7DD05# #0.5pF GRM0222C1C5R7DD05# #0.1pF GRM0222C1C5R8DD05# #0.1pF GRM0222C1C5R8DD05# #0.1pF GRM0222C1C5R8DD05# #0.1pF GRM0222C1C5R8DD05# #0.5pF GRM0222C1C5R8DD05# #0.5pF GRM0222C1C5R8DD05# #0.5pF GRM0222C1C5R8DD05# #0.1pF GRM0222C1C5R9WD05# #0.1pF GRM0222C1C5R9DD05# #0.5pF GRM0222C1C5R9DD05# #0.5pF GRM0222C1C5R9D05# #0.5pF GRM0222C1C5R9D05# #0.5pF GRM0222C1C6R0DD05# #0.5pF GRM022C1C6R0DD05# #0.5pF GRM0222C1C6R0DD05# #0.5pF GRM0222C1C6R0DD05# #0.5pF GRM0222C1C6R0DD05# #0.5pF GRM0222C1C6R1WD05# #0.5pF GRM0222C1C6R1DD05# | | | | 5.5pF | ±0.05pF | GRM0222C1C5R5WD05# | |
| #0.5pF GRM0222C1C5R6WD05# #0.1pF GRM0222C1C5R6WD05# #0.1pF GRM0222C1C5R6ED05# #0.25pF GRM0222C1C5R6CD05# #0.5pF GRM0222C1C5R6CD05# #0.5pF GRM0222C1C5R6DD05# #0.1pF GRM0222C1C5R7WD05# #0.1pF GRM0222C1C5R7CD05# #0.5pF GRM0222C1C5R7DD05# #0.5pF GRM0222C1C5R8WD05# #0.1pF GRM0222C1C5R8WD05# #0.1pF GRM0222C1C5R8WD05# #0.1pF GRM0222C1C5R8WD05# #0.25pF GRM0222C1C5R8D05# #0.25pF GRM0222C1C5R8D05# #0.5pF GRM0222C1C5R8D05# #0.5pF GRM0222C1C5R8D05# #0.5pF GRM0222C1C5R9WD05# #0.1pF GRM0222C1C5R9WD05# #0.5pF GRM0222C1C5R9D05# #0.5pF GRM0222C1C5R9D05# #0.5pF GRM0222C1C6R0WD05# #0.5pF GRM0222C1C6R0WD05# #0.1pF GRM0222C1C6R0D05# #0.25pF GRM0222C1C6R0D05# #0.5pF GRM0222C1C6R0D05# #0.5pF GRM0222C1C6R0D05# #0.5pF GRM0222C1C6R1WD05# #0.5pF GRM0222C1C6R1D05# #0.5pF GRM0222C1C6R1D05# #0.5pF GRM0222C1C6R1D05# #0.5pF GRM0222C1C6R1D05# #0.5pF GRM0222C1C6R1D05# #0.5pF GRM0222C1C6R1D05# | | | | | ±0.1pF | GRM0222C1C5R5BD05# | |
| ### 10.05pF GRM0222C1C5R6WD05# ±0.1pF GRM0222C1C5R6BD05# ±0.25pF GRM0222C1C5R6DD05# ±0.5pF GRM0222C1C5R6DD05# ±0.5pF GRM0222C1C5R7WD05# ±0.1pF GRM0222C1C5R7CD05# ±0.5pF GRM0222C1C5R7CD05# ±0.5pF GRM0222C1C5R7DD05# ±0.5pF GRM0222C1C5R8WD05# ±0.5pF GRM0222C1C5R8DD05# ±0.5pF GRM0222C1C5R8DD05# ±0.5pF GRM0222C1C5R9WD05# ±0.5pF GRM0222C1C5R9WD05# ±0.5pF GRM0222C1C5R9DD05# ±0.5pF GRM0222C1C5R9DD05# ±0.5pF GRM0222C1C5R9DD05# ±0.5pF GRM0222C1C5R9DD05# ±0.5pF GRM0222C1C5R9DD05# ±0.5pF GRM0222C1C5R9DD05# ±0.5pF GRM0222C1C6R0WD05# ±0.5pF GRM0222C1C6R0WD05# ±0.5pF GRM0222C1C6R0DD05# ±0.5pF GRM0222C1C6R0DD05# ±0.5pF GRM0222C1C6R0DD05# ±0.5pF GRM0222C1C6R1WD05# ±0.1pF GRM0222C1C6R1WD05# ±0.1pF GRM0222C1C6R1DD05# ±0.5pF ±0.5pF GRM022C1C6R1DD05# ±0.5pF ±0.5pF ±0.5pF ±0.5pF ±0.5pF ±0.5pF | | | | | ±0.25pF | GRM0222C1C5R5CD05# | |
| #0.1pF GRM0222C1C5R6BD05# #0.25pF GRM0222C1C5R6DD05# #0.5pF GRM0222C1C5R7WD05# #0.1pF GRM0222C1C5R7WD05# #0.25pF GRM0222C1C5R7DD05# #0.5pF GRM0222C1C5R7DD05# #0.5pF GRM0222C1C5R7DD05# #0.5pF GRM0222C1C5R8WD05# #0.1pF GRM0222C1C5R8WD05# #0.1pF GRM0222C1C5R8DD05# #0.25pF GRM0222C1C5R8DD05# #0.5pF GRM0222C1C5R8DD05# #0.5pF GRM0222C1C5R9WD05# #0.1pF GRM0222C1C5R9WD05# #0.1pF GRM0222C1C5R9DD05# #0.5pF GRM0222C1C5R9DD05# #0.5pF GRM0222C1C5R9DD05# #0.5pF GRM0222C1C5R9DD05# #0.5pF GRM0222C1C6R0WD05# #0.1pF GRM0222C1C6R0WD05# #0.25pF GRM0222C1C6R0DD05# #0.5pF GRM0222C1C6R0DD05# #0.5pF GRM0222C1C6R0DD05# #0.5pF GRM0222C1C6R0DD05# #0.5pF GRM0222C1C6R1WD05# #0.5pF GRM0222C1C6R1BD05# #0.5pF GRM0222C1C6R1DD05# #0.5pF GRM0222C1C6R1DD05# #0.5pF GRM0222C1C6R1DD05# #0.5pF GRM0222C1C6R1DD05# #0.5pF GRM0222C1C6R1DD05# #0.5pF GRM0222C1C6R1DD05# | | | | | ±0.5pF | GRM0222C1C5R5DD05# | |
| #0.25pF GRM0222C1C5R6CD05# #0.5pF GRM0222C1C5R7WD05# #0.1pF GRM0222C1C5R7WD05# #0.25pF GRM0222C1C5R7CD05# #0.5pF GRM0222C1C5R7CD05# #0.5pF GRM0222C1C5R7DD05# #0.1pF GRM0222C1C5R8WD05# #0.1pF GRM0222C1C5R8WD05# #0.1pF GRM0222C1C5R8DD05# #0.5pF GRM0222C1C5R8DD05# #0.5pF GRM0222C1C5R8DD05# #0.5pF GRM0222C1C5R8DD05# #0.1pF GRM0222C1C5R9WD05# #0.1pF GRM0222C1C5R9WD05# #0.25pF GRM0222C1C5R9DD05# #0.5pF GRM0222C1C5R9DD05# #0.5pF GRM0222C1C5R9DD05# #0.5pF GRM0222C1C6R0WD05# #0.5pF GRM0222C1C6R0WD05# #0.5pF GRM0222C1C6R0D05# #0.5pF GRM0222C1C6R0D05# #0.5pF GRM0222C1C6R1WD05# #0.5pF GRM0222C1C6R1WD05# #0.5pF GRM0222C1C6R1D05# #0.5pF GRM022C1C6R1D05# #0.5pF GRM0222C1C6R1D05# #0.5pF GRM0222C1C6R1D05# #0.5pF GRM0222C1C6R1D05# #0.5pF GRM0222C1C6R1DD05# #0.5pF GRM0222C1C6R1DD05# | | | | 5.6pF | ±0.05pF | GRM0222C1C5R6WD05# | |
| #0.5pF GRM0222C1C5R6DD05# #0.1pF GRM0222C1C5R7WD05# #0.25pF GRM0222C1C5R7DD05# #0.5pF GRM0222C1C5R7DD05# #0.5pF GRM0222C1C5R7DD05# #0.1pF GRM0222C1C5R8WD05# #0.1pF GRM0222C1C5R8WD05# #0.25pF GRM0222C1C5R8DD05# #0.5pF GRM0222C1C5R8DD05# #0.5pF GRM0222C1C5R8DD05# #0.1pF GRM0222C1C5R8DD05# #0.1pF GRM0222C1C5R9WD05# #0.25pF GRM0222C1C5R9DD05# #0.5pF GRM0222C1C5R9DD05# #0.5pF GRM0222C1C5R9DD05# #0.5pF GRM0222C1C6R0WD05# #0.1pF GRM0222C1C6R0WD05# #0.1pF GRM0222C1C6R0DD05# #0.5pF GRM0222C1C6R0DD05# #0.5pF GRM0222C1C6R0DD05# #0.5pF GRM0222C1C6R1WD05# #0.5pF GRM0222C1C6R1BD05# #0.5pF GRM0222C1C6R1DD05# #0.5pF GRM022C1C6R1DD05# #0.5pF GRM0222C1C6R1DD05# #0.5pF GRM0222C1C6R1DD05# #0.5pF GRM0222C1C6R1DD05# #0.5pF GRM0222C1C6R1DD05# #0.5pF GRM0222C1C6R1DD05# | | | | | ±0.1pF | GRM0222C1C5R6BD05# | |
| 5.7pF ±0.05pF GRM0222C1C5R7WD05# ±0.1pF GRM0222C1C5R7DD05# ±0.25pF GRM0222C1C5R7DD05# ±0.5pF GRM0222C1C5R8WD05# ±0.1pF GRM0222C1C5R8WD05# ±0.25pF GRM0222C1C5R8DD05# ±0.5pF GRM0222C1C5R8DD05# ±0.5pF GRM0222C1C5R9WD05# ±0.5pF GRM0222C1C5R9WD05# ±0.1pF GRM0222C1C5R9BD05# ±0.25pF GRM0222C1C5R9D05# ±0.5pF GRM0222C1C5R9D05# ±0.5pF GRM0222C1C5R9D05# ±0.5pF GRM0222C1C6R0WD05# ±0.5pF GRM0222C1C6R0DD05# ±0.05pF GRM0222C1C6R0D05# ±0.05pF GRM0222C1C6R0D05# ±0.5pF GRM0222C1C6R0D05# ±0.5pF GRM0222C1C6R1WD05# ±0.5pF GRM0222C1C6R1BD05# ±0.25pF GRM0222C1C6R1D05# ±0.25pF GRM0222C1C6R1D05# ±0.5pF GRM0222C1C6R1D05# ±0.5pF GRM0222C1C6R1D05# ±0.5pF GRM0222C1C6R1D05# | | | | | ±0.25pF | GRM0222C1C5R6CD05# | |
| #0.1pF GRM0222C1C5R7BD05# #0.25pF GRM0222C1C5R7CD05# #0.5pF GRM0222C1C5R8WD05# #0.1pF GRM0222C1C5R8WD05# #0.25pF GRM0222C1C5R8CD05# #0.25pF GRM0222C1C5R8DD05# #0.5pF GRM0222C1C5R8DD05# #0.1pF GRM0222C1C5R9DD05# #0.1pF GRM0222C1C5R9DD05# #0.25pF GRM0222C1C5R9DD05# #0.5pF GRM0222C1C5R9DD05# #0.5pF GRM0222C1C5R9DD05# #0.5pF GRM0222C1C6R0WD05# #0.1pF GRM0222C1C6R0WD05# #0.1pF GRM022C1C6R0DD05# #0.25pF GRM0222C1C6R0DD05# #0.5pF GRM0222C1C6R0DD05# #0.5pF GRM0222C1C6R1WD05# #0.5pF GRM0222C1C6R1WD05# #0.5pF GRM0222C1C6R1BD05# #0.25pF GRM0222C1C6R1DD05# #0.25pF GRM0222C1C6R1DD05# #0.5pF GRM0222C1C6R1DD05# #0.5pF GRM0222C1C6R1DD05# #0.5pF GRM0222C1C6R1DD05# #0.5pF GRM0222C1C6R1DD05# #0.5pF GRM0222C1C6R1DD05# | | | | | ±0.5pF | GRM0222C1C5R6DD05# | |
| #0.25pF GRM0222C1C5R7CD05# #0.5pF GRM0222C1C5R8WD05# #0.1pF GRM0222C1C5R8BD05# #0.25pF GRM0222C1C5R8DD05# #0.5pF GRM0222C1C5R8DD05# #0.5pF GRM0222C1C5R8DD05# #0.1pF GRM0222C1C5R9WD05# #0.1pF GRM0222C1C5R9WD05# #0.25pF GRM0222C1C5R9DD05# #0.5pF GRM0222C1C5R9DD05# #0.5pF GRM0222C1C5R9DD05# #0.5pF GRM0222C1C6R0WD05# #0.1pF GRM0222C1C6R0WD05# #0.25pF GRM0222C1C6R0D05# #0.25pF GRM0222C1C6R0D05# #0.5pF GRM0222C1C6R1WD05# #0.5pF GRM0222C1C6R1WD05# #0.1pF GRM0222C1C6R1BD05# #0.25pF GRM0222C1C6R1DD05# #0.5pF GRM0222C1C6R1DD05# | | | | 5.7pF | ±0.05pF | GRM0222C1C5R7WD05# | |
| #0.5pF GRM0222C1C5R7DD05# #0.1pF GRM0222C1C5R8WD05# #0.25pF GRM0222C1C5R8DD05# #0.5pF GRM0222C1C5R8DD05# #0.5pF GRM0222C1C5R8DD05# #0.1pF GRM0222C1C5R9WD05# #0.1pF GRM0222C1C5R9BD05# #0.25pF GRM0222C1C5R9DD05# #0.5pF GRM0222C1C5R9DD05# #0.5pF GRM0222C1C5R9DD05# #0.1pF GRM0222C1C5R9DD05# #0.1pF GRM0222C1C6R0WD05# #0.1pF GRM0222C1C6R0DD05# #0.5pF GRM0222C1C6R0DD05# #0.5pF GRM0222C1C6R1WD05# #0.5pF GRM0222C1C6R1BD05# #0.1pF GRM0222C1C6R1BD05# #0.5pF GRM0222C1C6R1DD05# | | | | | ±0.1pF | GRM0222C1C5R7BD05# | |
| 5.8pF ±0.05pF GRM0222C1C5R8WD05# ±0.1pF GRM0222C1C5R8BD05# ±0.25pF GRM0222C1C5R8DD05# ±0.5pF GRM0222C1C5R9WD05# ±0.1pF GRM0222C1C5R9BD05# ±0.25pF GRM0222C1C5R9BD05# ±0.25pF GRM0222C1C5R9DD05# ±0.5pF GRM0222C1C5R9DD05# ±0.5pF GRM0222C1C6R0WD05# ±0.1pF GRM0222C1C6R0BD05# ±0.1pF GRM0222C1C6R0D05# ±0.5pF GRM0222C1C6R0D05# ±0.5pF GRM0222C1C6R0DD05# ±0.5pF GRM0222C1C6R1WD05# ±0.1pF GRM0222C1C6R1BD05# ±0.25pF GRM0222C1C6R1BD05# ±0.25pF GRM0222C1C6R1D05# ±0.25pF GRM0222C1C6R1DD05# ±0.5pF GRM0222C1C6R1DD05# ±0.5pF GRM0222C1C6R1DD05# | | | | | ±0.25pF | GRM0222C1C5R7CD05# | |
| #0.1pF GRM0222C1C5R8BD05# #0.25pF GRM0222C1C5R8CD05# #0.5pF GRM0222C1C5R8DD05# \$5.9pF #0.05pF GRM0222C1C5R9WD05# #0.1pF GRM0222C1C5R9BD05# #0.5pF GRM0222C1C5R9DD05# #0.5pF GRM0222C1C5R9DD05# #0.5pF GRM0222C1C6R0WD05# #0.1pF GRM0222C1C6R0BD05# #0.1pF GRM0222C1C6R0BD05# #0.5pF GRM0222C1C6R0D05# #0.5pF GRM0222C1C6R0D05# #0.5pF GRM0222C1C6R1WD05# #0.1pF GRM0222C1C6R1BD05# #0.1pF GRM0222C1C6R1BD05# #0.25pF GRM0222C1C6R1DD05# #0.5pF GRM0222C1C6R1D05# #0.5pF GRM0222C1C6R1DD05# #0.5pF GRM0222C1C6R1DD05# | | | | | ±0.5pF | GRM0222C1C5R7DD05# | |
| #0.25pF GRM0222C1C5R8CD05# #0.5pF GRM0222C1C5R8DD05# 5.9pF #0.05pF GRM0222C1C5R9WD05# #0.1pF GRM0222C1C5R9BD05# #0.25pF GRM0222C1C5R9DD05# #0.5pF GRM0222C1C5R9DD05# #0.5pF GRM0222C1C5R9DD05# #0.1pF GRM0222C1C6R0WD05# #0.25pF GRM0222C1C6R0BD05# #0.25pF GRM0222C1C6R0DD05# #0.5pF GRM0222C1C6R1WD05# #0.1pF GRM0222C1C6R1BD05# #0.1pF GRM0222C1C6R1BD05# #0.25pF GRM0222C1C6R1DD05# #0.5pF GRM0222C1C6R1DD05# #0.5pF GRM0222C1C6R1DD05# #0.5pF GRM0222C1C6R1DD05# #0.5pF GRM0222C1C6R1DD05# #0.5pF GRM0222C1C6R1DD05# | | | | 5.8pF | ±0.05pF | GRM0222C1C5R8WD05# | |
| #0.5pF GRM0222C1C5R8DD05# 5.9pF #0.05pF GRM0222C1C5R9WD05# #0.1pF GRM0222C1C5R9BD05# #0.25pF GRM0222C1C5R9DD05# #0.5pF GRM0222C1C5R9DD05# #0.1pF GRM0222C1C6R0WD05# #0.1pF GRM0222C1C6R0BD05# #0.25pF GRM0222C1C6R0DD05# #0.5pF GRM0222C1C6R0DD05# #0.5pF GRM0222C1C6R1WD05# #0.1pF GRM0222C1C6R1BD05# #0.1pF GRM0222C1C6R1BD05# #0.25pF GRM0222C1C6R1DD05# #0.5pF GRM0222C1C6R1DD05# #0.5pF GRM0222C1C6R1DD05# #0.5pF GRM0222C1C6R1DD05# #0.5pF GRM0222C1C6R1DD05# | | | | | ±0.1pF | GRM0222C1C5R8BD05# | |
| 5.9pF ±0.05pF GRM0222C1C5R9WD05# ±0.1pF GRM0222C1C5R9BD05# ±0.25pF GRM0222C1C5R9DD05# ±0.5pF GRM0222C1C5R9DD05# 6.0pF ±0.05pF GRM0222C1C6R0WD05# ±0.1pF GRM0222C1C6R0BD05# ±0.25pF GRM0222C1C6R0DD05# ±0.5pF GRM0222C1C6R0DD05# ±0.5pF GRM0222C1C6R1WD05# ±0.1pF GRM0222C1C6R1BD05# ±0.1pF GRM0222C1C6R1BD05# ±0.25pF GRM0222C1C6R1DD05# ±0.25pF GRM0222C1C6R1DD05# ±0.5pF GRM0222C1C6R1DD05# ±0.5pF GRM0222C1C6R1DD05# | | | | | ±0.25pF | GRM0222C1C5R8CD05# | |
| #0.1pF GRM0222C1C5R9BD05# #0.25pF GRM0222C1C5R9CD05# #0.5pF GRM0222C1C5R9DD05# 6.0pF #0.05pF GRM0222C1C6R0WD05# #0.1pF GRM0222C1C6R0BD05# #0.25pF GRM0222C1C6R0CD05# #0.5pF GRM0222C1C6R0DD05# #0.5pF GRM0222C1C6R1WD05# #0.1pF GRM0222C1C6R1BD05# #0.25pF GRM0222C1C6R1BD05# #0.25pF GRM0222C1C6R1DD05# #0.5pF GRM0222C1C6R1D05# #0.5pF GRM0222C1C6R1DD05# #0.5pF GRM0222C1C6R1DD05# | | | | | ±0.5pF | GRM0222C1C5R8DD05# | |
| # ±0.25pF GRM0222C1C5R9CD05# # ±0.5pF GRM0222C1C5R9DD05# # ±0.05pF GRM0222C1C6R0WD05# # ±0.1pF GRM0222C1C6R0BD05# # ±0.25pF GRM0222C1C6R0CD05# # ±0.5pF GRM0222C1C6R0DD05# # ±0.05pF GRM0222C1C6R1WD05# # ±0.1pF GRM0222C1C6R1BD05# # ±0.25pF GRM0222C1C6R1CD05# # ±0.25pF GRM0222C1C6R1DD05# # ±0.5pF GRM0222C1C6R1DD05# # ±0.5pF GRM0222C1C6R1DD05# # ±0.5pF GRM0222C1C6R2WD05# | | | | 5.9pF | ±0.05pF | GRM0222C1C5R9WD05# | |
| #0.5pF GRM0222C1C5R9DD05# 6.0pF #0.05pF GRM0222C1C6R0WD05# #0.1pF GRM0222C1C6R0BD05# #0.25pF GRM0222C1C6R0DD05# #0.5pF GRM0222C1C6R0DD05# #0.05pF GRM0222C1C6R1WD05# #0.1pF GRM0222C1C6R1BD05# #0.25pF GRM0222C1C6R1CD05# #0.5pF GRM0222C1C6R1DD05# #0.5pF GRM0222C1C6R1DD05# #0.5pF GRM0222C1C6R1DD05# #0.5pF GRM0222C1C6R1DD05# | | | | | ±0.1pF | GRM0222C1C5R9BD05# | |
| 6.0pF ±0.05pF GRM0222C1C6R0WD05# ±0.1pF GRM0222C1C6R0BD05# ±0.25pF GRM0222C1C6R0DD05# ±0.5pF GRM0222C1C6R0DD05# ±0.1pF ±0.05pF GRM0222C1C6R1WD05# ±0.1pF GRM0222C1C6R1BD05# ±0.25pF GRM0222C1C6R1CD05# ±0.5pF GRM0222C1C6R1DD05# ±0.5pF GRM0222C1C6R1DD05# | | | | | ±0.25pF | GRM0222C1C5R9CD05# | |
| #0.1pF GRM0222C1C6R0BD05# #0.25pF GRM0222C1C6R0CD05# #0.5pF GRM0222C1C6R0DD05# 6.1pF #0.05pF GRM0222C1C6R1WD05# #0.1pF GRM0222C1C6R1BD05# #0.25pF GRM0222C1C6R1CD05# #0.5pF GRM0222C1C6R1DD05# #0.5pF GRM0222C1C6R2WD05# | | | | | ±0.5pF | GRM0222C1C5R9DD05# | |
| #0.25pF GRM0222C1C6R0CD05# #0.5pF GRM0222C1C6R0DD05# 6.1pF #0.05pF GRM0222C1C6R1WD05# #0.1pF GRM0222C1C6R1BD05# #0.25pF GRM0222C1C6R1CD05# #0.5pF GRM0222C1C6R1DD05# #0.5pF GRM0222C1C6R2WD05# | | | | 6.0pF | ±0.05pF | GRM0222C1C6R0WD05# | |
| #0.5pF GRM0222C1C6R0DD05# 6.1pF #0.05pF GRM0222C1C6R1WD05# #0.1pF GRM0222C1C6R1BD05# #0.25pF GRM0222C1C6R1DD05# #0.5pF GRM0222C1C6R1DD05# #0.5pF GRM0222C1C6R2WD05# | | | | | ±0.1pF | GRM0222C1C6R0BD05# | |
| 6.1pF ±0.05pF GRM0222C1C6R1WD05# ±0.1pF GRM0222C1C6R1BD05# ±0.25pF GRM0222C1C6R1CD05# ±0.5pF GRM0222C1C6R1DD05# 6.2pF ±0.05pF GRM0222C1C6R2WD05# | | | | | ±0.25pF | GRM0222C1C6R0CD05# | |
| ±0.1pF | | | | | ±0.5pF | GRM0222C1C6R0DD05# | |
| ±0.25pF GRM0222C1C6R1CD05# ±0.5pF GRM0222C1C6R1DD05# 6.2pF ±0.05pF GRM0222C1C6R2WD05# | | | | 6.1pF | ±0.05pF | GRM0222C1C6R1WD05# | |
| ±0.5pF | | | | | ±0.1pF | GRM0222C1C6R1BD05# | |
| 6.2pF ±0.05pF GRM0222C1C6R2WD05# | | | | | ±0.25pF | GRM0222C1C6R1CD05# | |
| | | | | | ±0.5pF | GRM0222C1C6R1DD05# | |
| ±0.1pF GRM0222C1C6R2BD05 # | | | | 6.2pF | ±0.05pF | GRM0222C1C6R2WD05# | |
| | | | | | ±0.1pF | GRM0222C1C6R2BD05# | |

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number | |
|-----------|------------------|------------|-------|---------|--------------------|--------------------|
| 0.22mm | 16Vdc | СН | 6.2pF | ±0.25pF | GRM0222C1C6R2CD05# | |
| | | | | ±0.5pF | GRM0222C1C6R2DD05# | |
| | | | 6.3pF | ±0.05pF | GRM0222C1C6R3WD05# | |
| | | | | ±0.1pF | GRM0222C1C6R3BD05# | |
| | | | | ±0.25pF | GRM0222C1C6R3CD05# | |
| | | | | ±0.5pF | GRM0222C1C6R3DD05# | |
| | | | 6.4pF | ±0.05pF | GRM0222C1C6R4WD05# | |
| | | | | | ±0.1pF | GRM0222C1C6R4BD05# |
| | | | | ±0.25pF | | |
| | | | | ±0.5pF | GRM0222C1C6R4DD05# | |
| | | | 6.5pF | ±0.05pF | GRM0222C1C6R5WD05# | |
| | | | 0.501 | | GRM0222C1C6R5BD05# | |
| | | | | ±0.1pF | | |
| | | | | ±0.25pF | GRM0222C1C6R5CD05# | |
| | | | | ±0.5pF | GRM0222C1C6R5DD05# | |
| | | | 6.6pF | ±0.05pF | GRM0222C1C6R6WD05# | |
| | | | | ±0.1pF | GRM0222C1C6R6BD05# | |
| | | | | ±0.25pF | GRM0222C1C6R6CD05# | |
| | | | | ±0.5pF | GRM0222C1C6R6DD05# | |
| | | | 6.7pF | ±0.05pF | GRM0222C1C6R7WD05# | |
| | | | | ±0.1pF | GRM0222C1C6R7BD05# | |
| | | | | ±0.25pF | GRM0222C1C6R7CD05# | |
| | | | | ±0.5pF | GRM0222C1C6R7DD05# | |
| | | | 6.8pF | ±0.05pF | GRM0222C1C6R8WD05# | |
| | | | | ±0.1pF | GRM0222C1C6R8BD05# | |
| | | | | ±0.25pF | GRM0222C1C6R8CD05# | |
| | | | | ±0.5pF | GRM0222C1C6R8DD05# | |
| | | | 6.9pF | ±0.05pF | GRM0222C1C6R9WD05# | |
| | | | | ±0.1pF | GRM0222C1C6R9BD05# | |
| | | | | ±0.25pF | GRM0222C1C6R9CD05# | |
| | | | | ±0.5pF | GRM0222C1C6R9DD05# | |
| | | | 7.0pF | ±0.05pF | GRM0222C1C7R0WD05# | |
| | | | | ±0.1pF | GRM0222C1C7R0BD05# | |
| | | | | ±0.25pF | GRM0222C1C7R0CD05# | |
| | | | | ±0.5pF | GRM0222C1C7R0DD05# | |
| | | | 7.1pF | ±0.05pF | GRM0222C1C7R1WD05# | |
| | | | 7.1pi | - | GRM0222C1C7R1BD05# | |
| | | | | ±0.1pF | | |
| | | | | ±0.25pF | GRM0222C1C7R1CD05# | |
| | | | 7.0 - | ±0.5pF | GRM0222C1C7R1DD05# | |
| | | | 7.2pF | ±0.05pF | GRM0222C1C7R2WD05# | |
| | | | | ±0.1pF | GRM0222C1C7R2BD05# | |
| | | | | ±0.25pF | GRM0222C1C7R2CD05# | |
| | | | | ±0.5pF | GRM0222C1C7R2DD05# | |
| | | | 7.3pF | ±0.05pF | GRM0222C1C7R3WD05# | |
| | | | | ±0.1pF | GRM0222C1C7R3BD05# | |
| | | | | ±0.25pF | GRM0222C1C7R3CD05# | |
| | | | | ±0.5pF | GRM0222C1C7R3DD05# | |
| | | | 7.4pF | ±0.05pF | GRM0222C1C7R4WD05# | |
| | | | | ±0.1pF | GRM0222C1C7R4BD05# | |
| | | | | | ±0.25pF | GRM0222C1C7R4CD05# |
| | | | | ±0.5pF | GRM0222C1C7R4DD05# | |
| | | | 7.5pF | ±0.05pF | GRM0222C1C7R5WD05# | |
| | | | | ±0.1pF | GRM0222C1C7R5BD05# | |
| | | | | ±0.25pF | GRM0222C1C7R5CD05# | |
| | | | | - | | |
| | | | | ±0.5pF | GRM0222C1C7R5DD05# | |

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number |
|-----------|------------------|------------|-------|--------------|--------------------|
| 0.22mm | 16Vdc | СН | 7.6pF | ±0.05pF | GRM0222C1C7R6WD05# |
| | | | | ±0.1pF | GRM0222C1C7R6BD05# |
| | | | | ±0.25pF | GRM0222C1C7R6CD05# |
| | | | | ±0.5pF | GRM0222C1C7R6DD05# |
| | | | 7.7pF | ±0.05pF | GRM0222C1C7R7WD05# |
| | | | | ±0.1pF | GRM0222C1C7R7BD05# |
| | | | | ±0.25pF | GRM0222C1C7R7CD05# |
| | | | | ±0.5pF | GRM0222C1C7R7DD05# |
| | | | 7.8pF | ±0.05pF | GRM0222C1C7R8WD05# |
| | | | | ±0.1pF | GRM0222C1C7R8BD05# |
| | | | | ±0.25pF | GRM0222C1C7R8CD05# |
| | | | | ±0.5pF | GRM0222C1C7R8DD05# |
| | | | 7.9pF | ±0.05pF | GRM0222C1C7R9WD05# |
| | | | | ±0.1pF | GRM0222C1C7R9BD05# |
| | | | | ±0.25pF | GRM0222C1C7R9CD05# |
| | | | | ±0.5pF | GRM0222C1C7R9DD05# |
| | | | 8.0pF | ±0.05pF | |
| | | | - is. | ±0.1pF | GRM0222C1C8R0BD05# |
| | | | | ±0.25pF | |
| | | | | ±0.5pF | GRM0222C1C8R0DD05# |
| | | | 8.1pF | ±0.05pF | GRM0222C1C8R1WD05# |
| | | | ор. | ±0.1pF | GRM0222C1C8R1BD05# |
| | | | | ±0.25pF | |
| | | | | ±0.5pF | GRM0222C1C8R1DD05# |
| | | | 8.2pF | ±0.05pF | |
| | | | ор. | ±0.1pF | GRM0222C1C8R2BD05# |
| | | | | ±0.25pF | |
| | | | | ±0.5pF | GRM0222C1C8R2DD05# |
| | | | 8.3pF | ±0.05pF | |
| | | | 1- | ±0.1pF | GRM0222C1C8R3BD05# |
| | | | | ±0.25pF | GRM0222C1C8R3CD05# |
| | | | | ±0.5pF | GRM0222C1C8R3DD05# |
| | | | 8.4pF | ±0.05pF | |
| | | | | ±0.1pF | GRM0222C1C8R4BD05# |
| | | | | ±0.25pF | |
| | | | | ±0.5pF | GRM0222C1C8R4DD05# |
| | | | 8.5pF | ±0.05pF | GRM0222C1C8R5WD05# |
| | | | | ±0.1pF | GRM0222C1C8R5BD05# |
| | | | | ±0.25pF | |
| | | | | ±0.5pF | GRM0222C1C8R5DD05# |
| | | | 8.6pF | ±0.05pF | |
| | | | | ±0.1pF | GRM0222C1C8R6BD05# |
| | | | | ±0.25pF | |
| | | | | ±0.5pF | GRM0222C1C8R6DD05# |
| | | | 8.7pF | ±0.05pF | |
| | | | is. | ±0.1pF | GRM0222C1C8R7BD05# |
| | | | | ±0.25pF | |
| | | | | ±0.5pF | GRM0222C1C8R7DD05# |
| | | | 8.8pF | ±0.05pF | |
| | | | - 1-4 | ±0.1pF | GRM0222C1C8R8BD05# |
| | | | | ±0.25pF | |
| | | | | ±0.5pF | GRM0222C1C8R8DD05# |
| | | | 8.9pF | ±0.05pF | |
| | | | - is. | ±0.1pF | GRM0222C1C8R9BD05# |
| | | | | , p . | |



(→ **■** 0.4×0.2mm)

| | .4×0.21 | 11111) | | | | |
|-----------|------------------|------------|-------|-------------------|--|----------|
| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number | |
| 0.22mm | 16Vdc | СН | 8.9pF | ±0.25pF | GRM0222C1C8R9CD05# | |
| | | | | ±0.5pF | GRM0222C1C8R9DD05# | |
| | | | 9.0pF | ±0.05pF | GRM0222C1C9R0WD05# | |
| | | | | ±0.1pF | GRM0222C1C9R0BD05# | |
| | | | | ±0.25pF | GRM0222C1C9R0CD05# | |
| | | | | ±0.5pF | GRM0222C1C9R0DD05# | |
| | | | 9.1pF | ±0.05pF | GRM0222C1C9R1WD05# | |
| | | | | ±0.1pF | GRM0222C1C9R1BD05# | |
| | | | | ±0.25pF | GRM0222C1C9R1CD05# | |
| | | | | ±0.5pF | GRM0222C1C9R1DD05# | |
| | | | 9.2pF | ±0.05pF | GRM0222C1C9R2WD05# | |
| | | | | ±0.1pF | GRM0222C1C9R2BD05# | |
| | | | | ±0.25pF | GRM0222C1C9R2CD05# | |
| | | | | ±0.5pF | GRM0222C1C9R2DD05# | |
| | | | 9.3pF | ±0.05pF | GRM0222C1C9R3WD05# | |
| | | | | ±0.1pF | GRM0222C1C9R3BD05# | |
| | | | | ±0.25pF | GRM0222C1C9R3CD05# | |
| | | | | ±0.5pF | GRM0222C1C9R3DD05# | |
| | | | 9.4pF | ±0.05pF | GRM0222C1C9R4WD05# | |
| | | | | ±0.1pF | GRM0222C1C9R4BD05# | |
| | | | | ±0.25pF | GRM0222C1C9R4CD05# | |
| | | | | ±0.5pF | GRM0222C1C9R4DD05# | |
| | | | 9.5pF | ±0.05pF | GRM0222C1C9R5WD05# | |
| | | | | ±0.1pF | GRM0222C1C9R5BD05# | <u> </u> |
| | | | | ±0.25pF | GRM0222C1C9R5CD05# | |
| | | | | ±0.5pF | GRM0222C1C9R5DD05# | |
| | | | 9.6pF | ±0.05pF | GRM0222C1C9R6WD05# | |
| | | | | ±0.1pF | GRM0222C1C9R6BD05# | |
| | | | | ±0.25pF | | |
| | | | | ±0.5pF | GRM0222C1C9R6DD05# | |
| | | | 9.7pF | ±0.05pF | | - |
| | | | | ±0.1pF | GRM0222C1C9R7BD05# | _ |
| | | | | ±0.25pF | GRM0222C1C9R7CD05# | _ |
| | | | 0.0nE | ±0.5pF | GRM0222C1C9R7DD05# GRM0222C1C9R8WD05# | |
| | | | 9.8pF | ±0.05pF ±0.1pF | GRM0222C1C9R8BD05# | _ |
| | | | | ±0.1pF | GRM0222C1C9R8CD05# | _ |
| | | | | ±0.25pi | GRM0222C1C9R8DD05# | |
| | | | 9.9pF | ±0.05pF | GRM0222C1C9R9WD05# | _ |
| | | | σ.σμι | ±0.05pF | GRM0222C1C9R9BD05# | _ |
| | | | | ±0.1pi | GRM0222C1C9R9CD05# | |
| | | | | ±0.5pF | GRM0222C1C9R9DD05# | _ |
| | | | 10pF | ±2% | GRM0222C1C100GD05# | |
| | | | | ±5% | GRM0222C1C100JD05# | |
| | | | 12pF | ±2% | GRM0222C1C120GD05# | |
| | | | | ±5% | GRM0222C1C120JD05# | |
| | | | 15pF | ±2% | GRM0222C1C150GD05# | |
| | | | - | ±5% | GRM0222C1C150JD05# | |
| | | | 18pF | ±2% | GRM0222C1C180GD05# | |
| | | | | ±5% | GRM0222C1C180JD05# | |
| | | | 22pF | ±2% | GRM0222C1C220GD05# | |
| | | | | ±5% | GRM0222C1C220JD05# | |
| | | | 27pF | ±2% | GRM0222C1C270GD05# | |
| | | | | ±5% | GRM0222C1C270JD05# | |

| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number | |
|-----------|------------------|------------|-------|--------------------|--------------------|--------------------|
| 0.22mm | 16Vdc | СН | 33pF | ±2% | GRM0222C1C330GD05# | |
| | | | | ±5% | GRM0222C1C330JD05# | |
| | | | 39pF | ±2% | GRM0222C1C390GD05# | |
| | | | | ±5% | GRM0222C1C390JD05# | |
| | | | 47pF | ±2% | GRM0222C1C470GD05# | |
| | | | | ±5% | GRM0222C1C470JD05# | |
| | 10Vdc | COG | 56pF | ±2% | GRM0225C1A560GD05# | |
| | | | | ±5% | GRM0225C1A560JD05# | |
| | | | 68pF | ±2% | GRM0225C1A680GD05# | |
| | | СН | | ±5% | GRM0225C1A680JD05# | |
| | | | 82p | 82pF | ±2% | GRM0225C1A820GD05# |
| | | | | | ±5% | GRM0225C1A820JD05# |
| | | | 100pF | ±2% | GRM0225C1A101GD05# | |
| | | | | ±5% | GRM0225C1A101JD05# | |
| | | | 56pF | ±2% | GRM0222C1A560GD05# | |
| | | | | ±5% | GRM0222C1A560JD05# | |
| | | | 68pF | ±2% | GRM0222C1A680GD05# | |
| | | | | ±5% | GRM0222C1A680JD05# | |
| | | | 82pF | ±2% | GRM0222C1A820GD05# | |
| | | | ±5% | GRM0222C1A820JD05# | | |
| | | | 100pF | ±2% | GRM0222C1A101GD05# | |
| | | | | ±5% | GRM0222C1A101JD05# | |

■ 0.6×0.3mm Ultra-

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number |
|-----------|------------------|------------|-------|---------|--------------------|
| 0.33mm | 50Vdc | COG | 0.1pF | ±0.05pF | GRM0335C1HR10WA01# |
| | | | | ±0.1pF | GRM0335C1HR10BA01# |
| | | | 0.2pF | ±0.05pF | GRM0335C1HR20WA01# |
| | | | | ±0.1pF | GRM0335C1HR20BA01# |
| | | | 0.3pF | ±0.05pF | GRM0335C1HR30WA01# |
| | | | | ±0.1pF | GRM0335C1HR30BA01# |
| | | | 0.4pF | ±0.05pF | GRM0335C1HR40WA01# |
| | | | | ±0.1pF | GRM0335C1HR40BA01# |
| | | | 0.5pF | ±0.05pF | GRM0335C1HR50WA01# |
| | | | | ±0.1pF | GRM0335C1HR50BA01# |
| | | | 0.6pF | ±0.05pF | GRM0335C1HR60WA01# |
| | | | | ±0.1pF | GRM0335C1HR60BA01# |
| | | | 0.7pF | ±0.05pF | GRM0335C1HR70WA01# |
| | | | | ±0.1pF | GRM0335C1HR70BA01# |
| | | | 0.8pF | ±0.05pF | GRM0335C1HR80WA01# |
| | | | | ±0.1pF | GRM0335C1HR80BA01# |
| | | | 0.9pF | ±0.05pF | GRM0335C1HR90WA01# |
| | | | | ±0.1pF | GRM0335C1HR90BA01# |
| | | | 1.0pF | ±0.05pF | GRM0335C1H1R0WA01# |
| | | | | ±0.1pF | GRM0335C1H1R0BA01# |
| | | | | ±0.25pF | GRM0335C1H1R0CA01# |
| | | | 1.1pF | ±0.05pF | GRM0335C1H1R1WA01# |
| | | | | ±0.1pF | GRM0335C1H1R1BA01# |
| | | | | ±0.25pF | GRM0335C1H1R1CA01# |
| | | | 1.2pF | ±0.05pF | GRM0335C1H1R2WA01# |
| | | | | ±0.1pF | GRM0335C1H1R2BA01# |
| | | | | ±0.25pF | GRM0335C1H1R2CA01# |

Part number # indicates the package specification code.



| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number |
|-----------|------------------|------------|---------|---------|--------------------|
| 0.33mm | | COG | 1.3pF | ±0.05pF | GRM0335C1H1R3WA01# |
| | Jovac | Cod | 1.501 | ±0.05pi | GRM0335C1H1R3BA01# |
| | | | | ±0.1pi | GRM0335C1H1R3CA01# |
| | | | 1.4pF | - | GRM0335C1H1R4WA01# |
| | | | 1.4pi | ±0.05pF | |
| | | | | ±0.1pF | GRM0335C1H1R4BA01# |
| | | | 1 5 5 5 | ±0.25pF | GRM0335C1H1R4CA01# |
| | | | 1.5pF | ±0.05pF | GRM0335C1H1R5WA01# |
| | | | | ±0.1pF | GRM0335C1H1R5BA01# |
| | | | | ±0.25pF | GRM0335C1H1R5CA01# |
| | | | 1.6pF | ±0.05pF | GRM0335C1H1R6WA01# |
| | | | | ±0.1pF | GRM0335C1H1R6BA01# |
| | | | | ±0.25pF | GRM0335C1H1R6CA01# |
| | | | 1.7pF | ±0.05pF | GRM0335C1H1R7WA01# |
| | | | | ±0.1pF | GRM0335C1H1R7BA01# |
| | | | | ±0.25pF | GRM0335C1H1R7CA01# |
| | | | 1.8pF | ±0.05pF | GRM0335C1H1R8WA01# |
| | | | | ±0.1pF | GRM0335C1H1R8BA01# |
| | | | | ±0.25pF | GRM0335C1H1R8CA01# |
| | | | 1.9pF | ±0.05pF | GRM0335C1H1R9WA01# |
| | | | | ±0.1pF | GRM0335C1H1R9BA01# |
| | | | | ±0.25pF | GRM0335C1H1R9CA01# |
| | | | 2.0pF | ±0.05pF | GRM0335C1H2R0WA01# |
| | | | | ±0.1pF | GRM0335C1H2R0BA01# |
| | | | | ±0.25pF | GRM0335C1H2R0CA01# |
| | | | 2.1pF | ±0.05pF | GRM0335C1H2R1WA01# |
| | | | | ±0.1pF | GRM0335C1H2R1BA01# |
| | | | 2.2pF | ±0.25pF | GRM0335C1H2R1CA01# |
| | | | | ±0.05pF | GRM0335C1H2R2WA01# |
| | | | | ±0.1pF | GRM0335C1H2R2BA01# |
| | | | | ±0.25pF | GRM0335C1H2R2CA01# |
| | | | 2.3pF | ±0.05pF | GRM0335C1H2R3WA01# |
| | | | | ±0.1pF | GRM0335C1H2R3BA01# |
| | | | | ±0.25pF | GRM0335C1H2R3CA01# |
| | | | 2.4pF | ±0.05pF | |
| | | | • | ±0.1pF | GRM0335C1H2R4BA01# |
| | | | | ±0.25pF | GRM0335C1H2R4CA01# |
| | | | 2.5pF | ±0.05pF | GRM0335C1H2R5WA01# |
| | | | | ±0.1pF | GRM0335C1H2R5BA01# |
| | | | | ±0.25pF | GRM0335C1H2R5CA01# |
| | | | 2.6pF | ±0.05pF | GRM0335C1H2R6WA01# |
| | | | 2.001 | ±0.1pF | GRM0335C1H2R6BA01# |
| | | | | ±0.25pF | |
| | | | 2.7pF | ±0.05pF | |
| | | | 2.7 pi | - | |
| | | | | ±0.1pF | GRM0335C1H2R7BA01# |
| | | | 0.0 | ±0.25pF | GRM0335C1H2R7CA01# |
| | | | 2.8pF | ±0.05pF | GRM0335C1H2R8WA01# |
| | | | | ±0.1pF | GRM0335C1H2R8BA01# |
| | | | 00 - | ±0.25pF | GRM0335C1H2R8CA01# |
| | | | 2.9pF | ±0.05pF | GRM0335C1H2R9WA01# |
| | | | | ±0.1pF | GRM0335C1H2R9BA01# |
| | | | | ±0.25pF | GRM0335C1H2R9CA01# |
| | | | 3.0pF | ±0.05pF | GRM0335C1H3R0WA01# |
| | | | | ±0.1pF | GRM0335C1H3R0BA01# |
| | | | | ±0.25pF | GRM0335C1H3R0CA01# |

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number | |
|-----------|------------------|------------|----------|-------------------|--|-------|
| 0.33mm | 50Vdc | COG | 3.1pF | ±0.05pF | GRM0335C1H3R1WA01# | |
| | | | | ±0.1pF | GRM0335C1H3R1BA01# | |
| | | | | ±0.25pF | GRM0335C1H3R1CA01# | |
| | | | 3.2pF | ±0.05pF | GRM0335C1H3R2WA01# | |
| | | | | ±0.1pF | GRM0335C1H3R2BA01# | |
| | | | | ±0.25pF | GRM0335C1H3R2CA01# | |
| | | | 3.3pF | ±0.05pF | GRM0335C1H3R3WA01# | |
| | | | | ±0.1pF | GRM0335C1H3R3BA01# | |
| | | | | ±0.25pF | GRM0335C1H3R3CA01# | |
| | | | 3.4pF | ±0.05pF | GRM0335C1H3R4WA01# | |
| | | | | ±0.1pF | GRM0335C1H3R4BA01# | |
| | | | | ±0.25pF | GRM0335C1H3R4CA01# | |
| | | | 3.5pF | ±0.05pF | GRM0335C1H3R5WA01# | |
| | | | | ±0.1pF | GRM0335C1H3R5BA01# | |
| | | | | ±0.25pF | GRM0335C1H3R5CA01# | |
| | | | 3.6pF | ±0.05pF | GRM0335C1H3R6WA01# | |
| | | | | ±0.1pF | GRM0335C1H3R6BA01# | |
| | | | | ±0.25pF | GRM0335C1H3R6CA01# | |
| | | | 3.7pF | ±0.05pF | GRM0335C1H3R7WA01# | |
| | | | | ±0.1pF | GRM0335C1H3R7BA01# | |
| | | | | ±0.25pF | GRM0335C1H3R7CA01# | |
| | | | 3.8pF | ±0.05pF | GRM0335C1H3R8WA01# | |
| | | | | ±0.1pF | GRM0335C1H3R8BA01# | |
| | | | | ±0.25pF | GRM0335C1H3R8CA01# | |
| | | | 3.9pF | ±0.05pF | GRM0335C1H3R9WA01# | |
| | | | | ±0.1pF | GRM0335C1H3R9BA01# | |
| | | | | ±0.25pF | GRM0335C1H3R9CA01# | |
| | | | 4.0pF | ±0.05pF | GRM0335C1H4R0WA01# | |
| | | | | ±0.1pF | GRM0335C1H4R0BA01# | |
| | | | 44-5 | ±0.25pF | GRM0335C1H4R0CA01# | |
| | | | 4.1pF | ±0.05pF | GRM0335C1H4R1WA01# | |
| | | | | ±0.1pF ±0.25pF | GRM0335C1H4R1BA01# GRM0335C1H4R1CA01# | |
| | | | 4.2nE | ±0.25pF | GRM0335C1H4R2WA01# | |
| | | | 4.2pF | ±0.05pi | GRM0335C1H4R2BA01# | |
| | | | | ±0.25pF | GRM0335C1H4R2CA01# | |
| | | | 4.3pF | ±0.05pF | GRM0335C1H4R3WA01# | |
| | | | 1.001 | ±0.1pF | GRM0335C1H4R3BA01# | |
| | | | | ±0.25pF | GRM0335C1H4R3CA01# | |
| | | | 4.4pF | ±0.05pF | GRM0335C1H4R4WA01# | |
| | | | | ±0.1pF | GRM0335C1H4R4BA01# | |
| | | | | ±0.25pF | GRM0335C1H4R4CA01# | |
| | | | 4.5pF | ±0.05pF | GRM0335C1H4R5WA01# | |
| | | | | ±0.1pF | GRM0335C1H4R5BA01# | |
| | | | | ±0.25pF | GRM0335C1H4R5CA01# | |
| | | | 4.6pF | ±0.05pF | GRM0335C1H4R6WA01# | |
| | | | | ±0.1pF | GRM0335C1H4R6BA01# | |
| | | | | ±0.25pF | GRM0335C1H4R6CA01# | |
| | | | 4.7pF | ±0.05pF | GRM0335C1H4R7WA01# | |
| | | | is. | ±0.1pF | GRM0335C1H4R7BA01# | |
| | | | | ±0.25pF | GRM0335C1H4R7CA01# | |
| | | | 4.8pF | ±0.05pF | GRM0335C1H4R8WA01# | |
| | | | | ±0.1pF | GRM0335C1H4R8BA01# | |
| | | | | ±0.25pF | GRM0335C1H4R8CA01# | |
| | I | | Part nur | | cates the package specification | code. |



| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number | |
|-----------------|------------------|------------|---------|--------------------|--------------------|--------------------|
| 0.33mm | 50Vdc | COG | 4.9pF | ±0.05pF | GRM0335C1H4R9WA01# | |
| | | | | ±0.1pF | GRM0335C1H4R9BA01# | |
| T Rated Voltage | | | ±0.25pF | GRM0335C1H4R9CA01# | | |
| | nax. Voltage | | 5.0pF | ±0.05pF | GRM0335C1H5R0WA01# | |
| | | | | ±0.1pF | GRM0335C1H5R0BA01# | |
| | | | | | ±0.25pF | GRM0335C1H5R0CA01# |
| | | | 5.1pF | ±0.05pF | GRM0335C1H5R1WA01# | |
| | | | | ±0.1pF | GRM0335C1H5R1BA01# | |
| | | | | ±0.25pF | GRM0335C1H5R1CA01# | |
| | | | | ±0.5pF | GRM0335C1H5R1DA01# | |
| | | | 5.2pF | ±0.05pF | GRM0335C1H5R2WA01# | |
| | | | - 1 | ±0.1pF | GRM0335C1H5R2BA01# | |
| | | | | ±0.25pF | GRM0335C1H5R2CA01# | |
| | | | | ±0.5pF | GRM0335C1H5R2DA01# | |
| | | | 5.3pF | ±0.05pF | GRM0335C1H5R3WA01# | |
| | | | 5.4pF | ±0.1pF | GRM0335C1H5R3BA01# | |
| | | | | - · · · - | | |
| | | | | ±0.25pF | GRM0335C1H5R3CA01# | |
| | | | | ±0.5pF | GRM0335C1H5R3DA01# | |
| | | | 5.4pF | ±0.05pF | GRM0335C1H5R4WA01# | |
| | | | | ±0.1pF | GRM0335C1H5R4BA01# | |
| | | | | ±0.25pF | GRM0335C1H5R4CA01# | |
| | | | | ±0.5pF | GRM0335C1H5R4DA01# | |
| | | | 5.5pF | ±0.05pF | GRM0335C1H5R5WA01# | |
| | | | | ±0.1pF | GRM0335C1H5R5BA01# | |
| | | | | ±0.25pF | GRM0335C1H5R5CA01# | |
| | | | | ±0.5pF | GRM0335C1H5R5DA01# | |
| | | | 5.6pF | ±0.05pF | GRM0335C1H5R6WA01# | |
| | | | | ±0.1pF | GRM0335C1H5R6BA01# | |
| | | | | ±0.25pF | GRM0335C1H5R6CA01# | |
| | | | | ±0.5pF | GRM0335C1H5R6DA01# | |
| | | | 5.7pF | ±0.05pF | GRM0335C1H5R7WA01# | |
| | | | | ±0.1pF | GRM0335C1H5R7BA01# | |
| | | | | ±0.25pF | GRM0335C1H5R7CA01# | |
| | | | | ±0.5pF | GRM0335C1H5R7DA01# | |
| | | | 5.8pF | ±0.05pF | GRM0335C1H5R8WA01# | |
| | | | • | ±0.1pF | GRM0335C1H5R8BA01# | |
| | | | | ±0.25pF | GRM0335C1H5R8CA01# | |
| | | | | ±0.5pF | GRM0335C1H5R8DA01# | |
| | | | 5.9pF | ±0.05pF | GRM0335C1H5R9WA01# | |
| | | | J.9pi | ±0.05pi | GRM0335C1H5R9BA01# | |
| | | | | | | |
| | | | | ±0.25pF | GRM0335C1H5R9CA01# | |
| | | | 00.5 | ±0.5pF | GRM0335C1H5R9DA01# | |
| | | | 6.0pF | ±0.05pF | GRM0335C1H6R0WA01# | |
| | | | | ±0.1pF | GRM0335C1H6R0BA01# | |
| | | | | ±0.25pF | GRM0335C1H6R0CA01# | |
| | | | | ±0.5pF | GRM0335C1H6R0DA01# | |
| | | | 6.1pF | ±0.05pF | GRM0335C1H6R1WA01# | |
| | | | | ±0.1pF | GRM0335C1H6R1BA01# | |
| | | | | ±0.25pF | GRM0335C1H6R1CA01# | |
| | | | | ±0.5pF | GRM0335C1H6R1DA01# | |
| | | | 6.2pF | ±0.05pF | GRM0335C1H6R2WA01# | |
| | | | | ±0.1pF | GRM0335C1H6R2BA01# | |
| | | | | ±0.25pF | GRM0335C1H6R2CA01# | |
| | | | | ±0.5pF | GRM0335C1H6R2DA01# | |

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number | |
|-----------|------------------|------------|-------|---------|--------------------|--|
| 0.33mm | 50Vdc | COG | 6.3pF | ±0.05pF | GRM0335C1H6R3WA01# | |
| | | | | ±0.1pF | GRM0335C1H6R3BA01# | |
| | | | | ±0.25pF | GRM0335C1H6R3CA01# | |
| | | | | ±0.5pF | GRM0335C1H6R3DA01# | |
| | | | 6.4pF | ±0.05pF | GRM0335C1H6R4WA01# | |
| | | | | ±0.1pF | GRM0335C1H6R4BA01# | |
| | | | | ±0.25pF | GRM0335C1H6R4CA01# | |
| | | | | ±0.5pF | GRM0335C1H6R4DA01# | |
| | | | 6.5pF | ±0.05pF | GRM0335C1H6R5WA01# | |
| | | | | ±0.1pF | GRM0335C1H6R5BA01# | |
| | | | | ±0.25pF | GRM0335C1H6R5CA01# | |
| | | | | ±0.5pF | GRM0335C1H6R5DA01# | |
| | | | 6.6pF | ±0.05pF | GRM0335C1H6R6WA01# | |
| | | | | ±0.1pF | GRM0335C1H6R6BA01# | |
| | | | | ±0.25pF | GRM0335C1H6R6CA01# | |
| | | | | ±0.5pF | GRM0335C1H6R6DA01# | |
| | | | 6.7pF | ±0.05pF | GRM0335C1H6R7WA01# | |
| | | | | ±0.1pF | GRM0335C1H6R7BA01# | |
| | | | | ±0.25pF | GRM0335C1H6R7CA01# | |
| | | | | ±0.5pF | GRM0335C1H6R7DA01# | |
| | | | 6.8pF | ±0.05pF | GRM0335C1H6R8WA01# | |
| | | | | ±0.1pF | GRM0335C1H6R8BA01# | |
| | | | 6.9pF | ±0.25pF | GRM0335C1H6R8CA01# | |
| | | | | ±0.5pF | GRM0335C1H6R8DA01# | |
| | | | | ±0.05pF | GRM0335C1H6R9WA01# | |
| | | | | ±0.1pF | GRM0335C1H6R9BA01# | |
| | | | | ±0.25pF | GRM0335C1H6R9CA01# | |
| | | | | ±0.5pF | GRM0335C1H6R9DA01# | |
| | | | | ±0.05pF | GRM0335C1H7R0WA01# | |
| | | | | ±0.1pF | GRM0335C1H7R0BA01# | |
| | | | | ±0.25pF | GRM0335C1H7R0CA01# | |
| | | | | ±0.5pF | GRM0335C1H7R0DA01# | |
| | | | 7.1pF | ±0.05pF | GRM0335C1H7R1WA01# | |
| | | | | ±0.1pF | GRM0335C1H7R1BA01# | |
| | | | | ±0.25pF | GRM0335C1H7R1CA01# | |
| | | | | ±0.5pF | GRM0335C1H7R1DA01# | |
| | | | 7.2pF | ±0.05pF | GRM0335C1H7R2WA01# | |
| | | | | ±0.1pF | GRM0335C1H7R2BA01# | |
| | | | | ±0.25pF | GRM0335C1H7R2CA01# | |
| | | | | ±0.5pF | GRM0335C1H7R2DA01# | |
| | | | 7.3pF | ±0.05pF | GRM0335C1H7R3WA01# | |
| | | | | ±0.1pF | GRM0335C1H7R3BA01# | |
| | | | | ±0.25pF | GRM0335C1H7R3CA01# | |
| | | | | ±0.5pF | GRM0335C1H7R3DA01# | |
| | | | 7.4pF | ±0.05pF | GRM0335C1H7R4WA01# | |
| | | | 14. | ±0.1pF | GRM0335C1H7R4BA01# | |
| | | | | ±0.25pF | GRM0335C1H7R4CA01# | |
| | | | | ±0.5pF | GRM0335C1H7R4DA01# | |
| | | | 7.5pF | ±0.05pF | GRM0335C1H7R5WA01# | |
| | | | -14. | ±0.1pF | GRM0335C1H7R5BA01# | |
| | | | | ±0.25pF | GRM0335C1H7R5CA01# | |
| | | | | ±0.5pF | GRM0335C1H7R5DA01# | |
| | | | 7.6pF | ±0.05pF | GRM0335C1H7R6WA01# | |
| | | | -14. | ±0.1pF | GRM0335C1H7R6BA01# | |
| | | | | | | |

Т

max. 0.33mm

| → ■ 0 | .6×0.3ı | mm) | | | | |
|--------------|------------------|------------|---------|---------|--------------------|--------------------|
| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number | |
| 0.33mm | 50Vdc | COG | 7.6pF | ±0.25pF | GRM0335C1H7R6CA01# | |
| | | | | ±0.5pF | GRM0335C1H7R6DA01# | |
| | | | 7.7pF | ±0.05pF | GRM0335C1H7R7WA01# | |
| | | | | ±0.1pF | GRM0335C1H7R7BA01# | |
| | | | | ±0.25pF | GRM0335C1H7R7CA01# | |
| | | | | ±0.5pF | GRM0335C1H7R7DA01# | |
| | | | 7.8pF | ±0.05pF | GRM0335C1H7R8WA01# | |
| | | | | ±0.1pF | GRM0335C1H7R8BA01# | |
| | | | | ±0.25pF | GRM0335C1H7R8CA01# | |
| | | | | ±0.5pF | GRM0335C1H7R8DA01# | |
| | | | 7.9pF | ±0.05pF | GRM0335C1H7R9WA01# | |
| | | | | ±0.1pF | GRM0335C1H7R9BA01# | |
| | | | | ±0.25pF | GRM0335C1H7R9CA01# | |
| | | | | ±0.5pF | GRM0335C1H7R9DA01# | |
| | | | 8.0pF | ±0.05pF | GRM0335C1H8R0WA01# | |
| | | | | ±0.1pF | GRM0335C1H8R0BA01# | |
| | | | | ±0.25pF | GRM0335C1H8R0CA01# | |
| | | | | ±0.5pF | GRM0335C1H8R0DA01# | |
| | | | 0 1 n E | | | |
| | | | 8.1pF | ±0.05pF | GRM0335C1H8R1WA01# | |
| | | | | ±0.1pF | GRM0335C1H8R1BA01# | |
| | | | | ±0.25pF | | |
| | | | | ±0.5pF | GRM0335C1H8R1DA01# | |
| | | | 8.2pF | ±0.05pF | GRM0335C1H8R2WA01# | |
| | | | | ±0.1pF | GRM0335C1H8R2BA01# | |
| | | | | ±0.25pF | GRM0335C1H8R2CA01# | |
| | | | | | ±0.5pF | GRM0335C1H8R2DA01# |
| | | | 8.3pF | ±0.05pF | GRM0335C1H8R3WA01# | |
| | | | | ±0.1pF | GRM0335C1H8R3BA01# | |
| | | | | ±0.25pF | GRM0335C1H8R3CA01# | |
| | | | | ±0.5pF | GRM0335C1H8R3DA01# | |
| | | | 8.4pF | ±0.05pF | GRM0335C1H8R4WA01# | |
| | | | | ±0.1pF | GRM0335C1H8R4BA01# | |
| | | | | ±0.25pF | GRM0335C1H8R4CA01# | |
| | | | | ±0.5pF | GRM0335C1H8R4DA01# | |
| | | | 8.5pF | ±0.05pF | GRM0335C1H8R5WA01# | |
| | | | | ±0.1pF | GRM0335C1H8R5BA01# | |
| | | | | ±0.25pF | GRM0335C1H8R5CA01# | |
| | | | | ±0.5pF | GRM0335C1H8R5DA01# | |
| | | | 8.6pF | ±0.05pF | GRM0335C1H8R6WA01# | |
| | | | | ±0.1pF | GRM0335C1H8R6BA01# | |
| | | | | ±0.25pF | GRM0335C1H8R6CA01# | |
| | | | | ±0.5pF | GRM0335C1H8R6DA01# | |
| | | | 8.7pF | - | | |
| | | | 6.7 pr | ±0.05pF | | |
| | | | | ±0.1pF | GRM0335C1H8R7BA01# | |
| | | | | ±0.25pF | | |
| | | | 00 - | ±0.5pF | GRM0335C1H8R7DA01# | |
| | | | 8.8pF | ±0.05pF | GRM0335C1H8R8WA01# | |
| | | | | ±0.1pF | GRM0335C1H8R8BA01# | |
| | | | | ±0.25pF | GRM0335C1H8R8CA01# | |
| | | | | ±0.5pF | GRM0335C1H8R8DA01# | |
| | | | 8.9pF | ±0.05pF | GRM0335C1H8R9WA01# | |
| | | | | ±0.1pF | GRM0335C1H8R9BA01# | |
| | | ı | | IO OF T | CDM022EC1H0D0CA01# | |
| | | | | ±0.25pF | GRM0335C1H8R9CA01# | |

| Rated Voltage | TC Code | Сар. | Tol. | Part Number |
|------------------|------------|----------|--------------|--------------------------------------|
| 50Vdc | COG | 9.0pF | ±0.05pF | GRM0335C1H9R0WA01# |
| | | | ±0.1pF | GRM0335C1H9R0BA01# |
| | | | ±0.25pF | GRM0335C1H9R0CA01# |
| | | | ±0.5pF | GRM0335C1H9R0DA01# |
| | | 9.1pF | ±0.05pF | GRM0335C1H9R1WA01# |
| | | | ±0.1pF | GRM0335C1H9R1BA01# |
| | | | ±0.25pF | GRM0335C1H9R1CA01# |
| | | | ±0.5pF | GRM0335C1H9R1DA01# |
| | | 9.2pF | ±0.05pF | GRM0335C1H9R2WA01# |
| | | | ±0.1pF | GRM0335C1H9R2BA01# |
| | | | ±0.25pF | GRM0335C1H9R2CA01# |
| | | | ±0.5pF | GRM0335C1H9R2DA01# |
| | | 9.3pF | ±0.05pF | GRM0335C1H9R3WA01# |
| | | | ±0.1pF | GRM0335C1H9R3BA01# |
| | | | ±0.25pF | GRM0335C1H9R3CA01# |
| | | | ±0.5pF | GRM0335C1H9R3DA01# |
| | | 9.4pF | ±0.05pF | GRM0335C1H9R4WA01# |
| | | | ±0.1pF | GRM0335C1H9R4BA01# |
| | | | ±0.25pF | GRM0335C1H9R4CA01# |
| | | | ±0.5pF | GRM0335C1H9R4DA01# |
| | | 9.5pF | ±0.05pF | GRM0335C1H9R5WA01# |
| | | | ±0.1pF | GRM0335C1H9R5BA01# |
| | | | ±0.25pF | GRM0335C1H9R5CA01# |
| | | | ±0.5pF | GRM0335C1H9R5DA01# |
| | | 9.6pF | ±0.05pF | GRM0335C1H9R6WA01# |
| | | | ±0.1pF | GRM0335C1H9R6BA01# |
| | | | ±0.25pF | GRM0335C1H9R6CA01# |
| | | | ±0.5pF | GRM0335C1H9R6DA01# |
| | | 9.7pF | ±0.05pF | GRM0335C1H9R7WA01# |
| | | | ±0.1pF | GRM0335C1H9R7BA01# |
| | | | ±0.25pF | GRM0335C1H9R7CA01# |
| | | | ±0.5pF | GRM0335C1H9R7DA01# |
| | | 9.8pF | ±0.05pF | GRM0335C1H9R8WA01# |
| | | | ±0.1pF | GRM0335C1H9R8BA01# |
| | | | ±0.25pF | GRM0335C1H9R8CA01# |
| | | | ±0.5pF | GRM0335C1H9R8DA01# |
| | | 9.9pF | ±0.05pF | GRM0335C1H9R9WA01# |
| | | | ±0.1pF | GRM0335C1H9R9BA01# |
| | | | ±0.25pF | GRM0335C1H9R9CA01# |
| | | | ±0.5pF | GRM0335C1H9R9DA01# |
| | | 10pF | ±2% | GRM0335C1H100GA01# |
| | | | ±5% | GRM0335C1H100JA01# |
| | | 12pF | ±2% | GRM0335C1H120GA01# |
| | | | ±5% | GRM0335C1H120JA01# |
| | | 15pF | ±2% | GRM0335C1H150GA01# |
| | | | ±5% | GRM0335C1H150JA01# |
| | | 18pF | ±2% | GRM0335C1H180GA01# |
| | | | ±5% | GRM0335C1H180JA01# |
| | | 22pF | ±2% | GRM0335C1H220GA01# |
| | | | ±5% | GRM0335C1H220JA01# |
| | | 27pF | ±2% | GRM0335C1H270GA01# |
| | | | ±5% | GRM0335C1H270JA01# |
| | | 33pF | ±2% | GRM0335C1H330GA01# |
| | | | ±5% | GRM0335C1H330JA01# |
| | | Part nur | nber # indic | cates the package specification code |



| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number |
|-----------|------------------|------------|-------|---------|--------------------|
| 0.33mm | 50Vdc | COG | 39pF | ±2% | GRM0335C1H390GA01# |
| | | | | ±5% | GRM0335C1H390JA01# |
| | | | 47pF | ±2% | GRM0335C1H470GA01# |
| | | | | ±5% | GRM0335C1H470JA01# |
| | | | 56pF | ±2% | GRM0335C1H560GA01# |
| | | | | ±5% | GRM0335C1H560JA01# |
| | | | 68pF | ±2% | GRM0335C1H680GA01# |
| | | | | ±5% | GRM0335C1H680JA01# |
| | | | 82pF | ±2% | GRM0335C1H820GA01# |
| | | | | ±5% | GRM0335C1H820JA01# |
| | | | 100pF | ±2% | GRM0335C1H101GA01# |
| | | | | ±5% | GRM0335C1H101JA01# |
| | | CK | 0.1pF | ±0.05pF | GRM0334C1HR10WA01# |
| | | | | ±0.1pF | GRM0334C1HR10BA01# |
| | | | 0.2pF | ±0.05pF | GRM0334C1HR20WA01# |
| | | | | ±0.1pF | GRM0334C1HR20BA01# |
| | | | 0.3pF | ±0.05pF | GRM0334C1HR30WA01# |
| | | | | ±0.1pF | GRM0334C1HR30BA01# |
| | | | 0.4pF | ±0.05pF | GRM0334C1HR40WA01# |
| | | | | ±0.1pF | GRM0334C1HR40BA01# |
| | | | 0.5pF | ±0.05pF | GRM0334C1HR50WA01# |
| | | , | | ±0.1pF | GRM0334C1HR50BA01# |
| | | | 0.6pF | ±0.05pF | GRM0334C1HR60WA01# |
| | | | | ±0.1pF | GRM0334C1HR60BA01# |
| | | | 0.7pF | ±0.05pF | GRM0334C1HR70WA01# |
| | | | | ±0.1pF | GRM0334C1HR70BA01# |
| | | | 0.8pF | ±0.05pF | GRM0334C1HR80WA01# |
| | | | | ±0.1pF | GRM0334C1HR80BA01# |
| | | | 0.9pF | ±0.05pF | GRM0334C1HR90WA01# |
| | | | 0.561 | ±0.1pF | GRM0334C1HR90BA01# |
| | | | 1.0pF | ±0.05pF | GRM0334C1H1R0WA01# |
| | | | • | ±0.1pF | GRM0334C1H1R0BA01# |
| | | | | ±0.25pF | GRM0334C1H1R0CA01# |
| | | | 1.1pF | ±0.05pF | GRM0334C1H1R1WA01# |
| | | | • | ±0.1pF | GRM0334C1H1R1BA01# |
| | | | | ±0.25pF | GRM0334C1H1R1CA01# |
| | | | 1.2pF | ±0.05pF | GRM0334C1H1R2WA01# |
| | | | • | ±0.1pF | GRM0334C1H1R2BA01# |
| | | | | ±0.25pF | GRM0334C1H1R2CA01# |
| | | | 1.3pF | ±0.05pF | GRM0334C1H1R3WA01# |
| | | | • | ±0.1pF | GRM0334C1H1R3BA01# |
| | | | | ±0.25pF | GRM0334C1H1R3CA01# |
| | | | 1.4pF | ±0.05pF | GRM0334C1H1R4WA01# |
| | | | | ±0.1pF | GRM0334C1H1R4BA01# |
| | | | | ±0.25pF | GRM0334C1H1R4CA01# |
| | | | 1.5pF | ±0.05pF | GRM0334C1H1R5WA01# |
| | | | 1- | ±0.1pF | GRM0334C1H1R5BA01# |
| | | | | ±0.25pF | GRM0334C1H1R5CA01# |
| | | | 1.6pF | ±0.05pF | GRM0334C1H1R6WA01# |
| | | | | ±0.1pF | GRM0334C1H1R6BA01# |
| | | | | ±0.25pF | GRM0334C1H1R6CA01# |
| | | | 1.7pF | ±0.05pF | GRM0334C1H1R7WA01# |
| | | | pi | ±0.05pi | GRM0334C1H1R7BA01# |
| | | | | IDI | , |

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number | |
|-----------|------------------|------------|----------------|---------|--------------------|--|
| 0.33mm | 50Vdc | CK | 1.8pF | ±0.05pF | GRM0334C1H1R8WA01# | |
| | | | | ±0.1pF | GRM0334C1H1R8BA01# | |
| | | | | ±0.25pF | GRM0334C1H1R8CA01# | |
| | | | 1.9pF | ±0.05pF | GRM0334C1H1R9WA01# | |
| | | | | ±0.1pF | GRM0334C1H1R9BA01# | |
| | | | | ±0.25pF | GRM0334C1H1R9CA01# | |
| | | | 2.0pF | ±0.05pF | GRM0334C1H2R0WA01# | |
| | | | | ±0.1pF | GRM0334C1H2R0BA01# | |
| | | | | ±0.25pF | GRM0334C1H2R0CA01# | |
| | | CJ | 2.1pF | ±0.05pF | GRM0333C1H2R1WA01# | |
| | | | | ±0.1pF | GRM0333C1H2R1BA01# | |
| | | | | ±0.25pF | GRM0333C1H2R1CA01# | |
| | | | 2.2pF | ±0.05pF | GRM0333C1H2R2WA01# | |
| | | | | ±0.1pF | GRM0333C1H2R2BA01# | |
| | | | | ±0.25pF | GRM0333C1H2R2CA01# | |
| | | | 2.3pF | ±0.05pF | GRM0333C1H2R3WA01# | |
| | | | | ±0.1pF | GRM0333C1H2R3BA01# | |
| | | | | ±0.25pF | GRM0333C1H2R3CA01# | |
| | | | 2.4pF | ±0.05pF | GRM0333C1H2R4WA01# | |
| | | | | ±0.1pF | GRM0333C1H2R4BA01# | |
| | | | | ±0.25pF | GRM0333C1H2R4CA01# | |
| | | | 2.5pF | ±0.05pF | GRM0333C1H2R5WA01# | |
| | | | | ±0.1pF | GRM0333C1H2R5BA01# | |
| | | | | ±0.25pF | GRM0333C1H2R5CA01# | |
| | | | 2.6pF 2.7pF | ±0.05pF | GRM0333C1H2R6WA01# | |
| | | | | ±0.1pF | GRM0333C1H2R6BA01# | |
| | | | | ±0.25pF | GRM0333C1H2R6CA01# | |
| | | | | ±0.05pF | GRM0333C1H2R7WA01# | |
| | | | | ±0.1pF | GRM0333C1H2R7BA01# | |
| | | | | ±0.25pF | GRM0333C1H2R7CA01# | |
| | | | 2.8pF | ±0.05pF | GRM0333C1H2R8WA01# | |
| | | | | ±0.1pF | GRM0333C1H2R8BA01# | |
| | | | | ±0.25pF | GRM0333C1H2R8CA01# | |
| | | | 2.9pF | ±0.05pF | GRM0333C1H2R9WA01# | |
| | | | | ±0.1pF | GRM0333C1H2R9BA01# | |
| | | | | ±0.25pF | GRM0333C1H2R9CA01# | |
| | | | 3.0pF | ±0.05pF | GRM0333C1H3R0WA01# | |
| | | | | ±0.1pF | GRM0333C1H3R0BA01# | |
| | | | | ±0.25pF | GRM0333C1H3R0CA01# | |
| | | | 3.1pF | ±0.05pF | GRM0333C1H3R1WA01# | |
| | | | | ±0.1pF | GRM0333C1H3R1BA01# | |
| | | | | ±0.25pF | GRM0333C1H3R1CA01# | |
| | | | 3.2pF | ±0.05pF | GRM0333C1H3R2WA01# | |
| | | | | ±0.1pF | GRM0333C1H3R2BA01# | |
| | | | | ±0.25pF | GRM0333C1H3R2CA01# | |
| | | | 3.3pF | ±0.05pF | GRM0333C1H3R3WA01# | |
| | | | | ±0.1pF | GRM0333C1H3R3BA01# | |
| | | | _ | ±0.25pF | GRM0333C1H3R3CA01# | |
| | | | 3.4pF | ±0.05pF | GRM0333C1H3R4WA01# | |
| | | | | ±0.1pF | GRM0333C1H3R4BA01# | |
| | | | | ±0.25pF | GRM0333C1H3R4CA01# | |
| | | | 3.5pF | ±0.05pF | GRM0333C1H3R5WA01# | |
| | | | | ±0.1pF | GRM0333C1H3R5BA01# | |
| | | | | ±0.25pF | GRM0333C1H3R5CA01# | |

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number |
|-----------|------------------|------------|-------|--------------------|--------------------|
| 0.33mm | 50Vdc | CJ | 3.6pF | ±0.05pF | GRM0333C1H3R6WA01# |
| | | | | ±0.1pF | GRM0333C1H3R6BA01# |
| | | | | ±0.25pF | GRM0333C1H3R6CA01# |
| | | | 3.7pF | ±0.05pF | GRM0333C1H3R7WA01# |
| | | | | ±0.1pF | GRM0333C1H3R7BA01# |
| | | | | ±0.25pF | GRM0333C1H3R7CA01# |
| | | | 3.8pF | ±0.05pF | GRM0333C1H3R8WA01# |
| | | | · | ±0.1pF | GRM0333C1H3R8BA01# |
| | | | | ±0.25pF | GRM0333C1H3R8CA01# |
| | | | 3.9pF | ±0.05pF | GRM0333C1H3R9WA01# |
| | | | | ±0.1pF | GRM0333C1H3R9BA01# |
| | | | | ±0.25pF | GRM0333C1H3R9CA01# |
| | | СН | 4.0pF | ±0.05pF | |
| | | 0 | | ±0.1pF | GRM0332C1H4R0BA01# |
| | | | | ±0.25pF | GRM0332C1H4R0CA01# |
| | | | 4.1pF | ±0.05pF | GRM0332C1H4R1WA01# |
| | | | 4.1pi | ±0.1pF | GRM0332C1H4R1BA01# |
| | | | | ±0.1pi | GRM0332C1H4R1CA01# |
| | | | 4.2pF | | GRM0332C1H4R2WA01# |
| | | | 4.2pr | ±0.05pF | |
| | | | | ±0.1pF | GRM0332C1H4R2BA01# |
| | | - | | ±0.25pF | GRM0332C1H4R2CA01# |
| | | | 4.3pF | ±0.05pF | GRM0332C1H4R3WA01# |
| | | | | ±0.1pF | GRM0332C1H4R3BA01# |
| | | | | ±0.25pF | GRM0332C1H4R3CA01# |
| | | | 4.4pF | ±0.05pF | GRM0332C1H4R4WA01# |
| | | | | ±0.1pF | GRM0332C1H4R4BA01# |
| | | | | ±0.25pF | GRM0332C1H4R4CA01# |
| | | | | ±0.05pF | GRM0332C1H4R5WA01# |
| | | | | GRM0332C1H4R5BA01# | |
| | | | | ±0.25pF | GRM0332C1H4R5CA01# |
| | | | 4.6pF | ±0.05pF | GRM0332C1H4R6WA01# |
| | | | | ±0.1pF | GRM0332C1H4R6BA01# |
| | | | | ±0.25pF | GRM0332C1H4R6CA01# |
| | | | 4.7pF | ±0.05pF | GRM0332C1H4R7WA01# |
| | | | | ±0.1pF | GRM0332C1H4R7BA01# |
| | | | | ±0.25pF | GRM0332C1H4R7CA01# |
| | | | 4.8pF | ±0.05pF | GRM0332C1H4R8WA01# |
| | | | | ±0.1pF | GRM0332C1H4R8BA01# |
| | | | | ±0.25pF | GRM0332C1H4R8CA01# |
| | | | 4.9pF | ±0.05pF | GRM0332C1H4R9WA01# |
| | | | | ±0.1pF | GRM0332C1H4R9BA01# |
| | | | | ±0.25pF | GRM0332C1H4R9CA01# |
| | | | 5.0pF | ±0.05pF | GRM0332C1H5R0WA01# |
| | | | | ±0.1pF | GRM0332C1H5R0BA01# |
| | | | | ±0.25pF | GRM0332C1H5R0CA01# |
| | | | 5.1pF | ±0.05pF | GRM0332C1H5R1WA01# |
| | | | • | ±0.1pF | GRM0332C1H5R1BA01# |
| | | | | ±0.25pF | GRM0332C1H5R1CA01# |
| | | | | ±0.5pF | GRM0332C1H5R1DA01# |
| | | | 5.2pF | ±0.05pF | GRM0332C1H5R2WA01# |
| | | | L. | ±0.1pF | GRM0332C1H5R2BA01# |
| | | | | ±0.25pF | GRM0332C1H5R2CA01# |
| | | | | ±0.5pF | GRM0332C1H5R2DA01# |
| | | | 5 2nE | | |
| | | | 5.3pF | ±0.05pF | GRM0332C1H5R3WA01# |

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number | |
|-----------|------------------|------------|----------|---------|---------------------------------|------|
| 0.33mm | 50Vdc | СН | 5.3pF | ±0.1pF | GRM0332C1H5R3BA01# | |
| | | | | ±0.25pF | GRM0332C1H5R3CA01# | |
| | | | | ±0.5pF | GRM0332C1H5R3DA01# | |
| | | | 5.4pF | ±0.05pF | GRM0332C1H5R4WA01# | |
| | | | | ±0.1pF | GRM0332C1H5R4BA01# | |
| | | | | ±0.25pF | GRM0332C1H5R4CA01# | |
| | | | | ±0.5pF | GRM0332C1H5R4DA01# | |
| | | | 5.5pF | ±0.05pF | GRM0332C1H5R5WA01# | |
| | | | | ±0.1pF | GRM0332C1H5R5BA01# | |
| | | | | ±0.25pF | GRM0332C1H5R5CA01# | |
| | | | | ±0.5pF | GRM0332C1H5R5DA01# | |
| | | | 5.6pF | ±0.05pF | GRM0332C1H5R6WA01# | |
| | | | | ±0.1pF | GRM0332C1H5R6BA01# | |
| | | | | ±0.25pF | GRM0332C1H5R6CA01# | |
| | | | | ±0.5pF | GRM0332C1H5R6DA01# | |
| | | | 5.7pF | ±0.05pF | GRM0332C1H5R7WA01# | |
| | | | | ±0.1pF | GRM0332C1H5R7BA01# | |
| | | | | ±0.25pF | GRM0332C1H5R7CA01# | |
| | | | | ±0.5pF | GRM0332C1H5R7DA01# | |
| | | | 5.8pF | ±0.05pF | GRM0332C1H5R8WA01# | |
| | | | | ±0.1pF | GRM0332C1H5R8BA01# | |
| | | | | ±0.25pF | GRM0332C1H5R8CA01# | |
| | | | | ±0.5pF | GRM0332C1H5R8DA01# | |
| | | | 5.9pF | ±0.05pF | GRM0332C1H5R9WA01# | |
| | | | · | ±0.1pF | GRM0332C1H5R9BA01# | |
| | | | | ±0.25pF | GRM0332C1H5R9CA01# | |
| | | | | ±0.5pF | GRM0332C1H5R9DA01# | |
| | | | 6.0pF | ±0.05pF | GRM0332C1H6R0WA01# | |
| | | | • | ±0.1pF | GRM0332C1H6R0BA01# | |
| | | | | ±0.25pF | GRM0332C1H6R0CA01# | |
| | | | | ±0.5pF | GRM0332C1H6R0DA01# | |
| | | | 6.1pF | ±0.05pF | GRM0332C1H6R1WA01# | |
| | | | | ±0.1pF | GRM0332C1H6R1BA01# | |
| | | | | ±0.25pF | GRM0332C1H6R1CA01# | |
| | | | | ±0.5pF | GRM0332C1H6R1DA01# | |
| | | | 6.2pF | ±0.05pF | GRM0332C1H6R2WA01# | |
| | | | | ±0.1pF | GRM0332C1H6R2BA01# | |
| | | | | ±0.25pF | GRM0332C1H6R2CA01# | |
| | | | | ±0.5pF | GRM0332C1H6R2DA01# | |
| | | | 6.3pF | ±0.05pF | GRM0332C1H6R3WA01# | |
| | | | | ±0.1pF | GRM0332C1H6R3BA01# | |
| | | | | ±0.25pF | GRM0332C1H6R3CA01# | |
| | | | | ±0.5pF | GRM0332C1H6R3DA01# | |
| | | | 6.4pF | ±0.05pF | GRM0332C1H6R4WA01# | |
| | | | | ±0.1pF | GRM0332C1H6R4BA01# | |
| | | | | ±0.25pF | GRM0332C1H6R4CA01# | |
| | | | | ±0.5pF | GRM0332C1H6R4DA01# | |
| | | | 6.5pF | ±0.05pF | GRM0332C1H6R5WA01# | |
| | | | | ±0.1pF | GRM0332C1H6R5BA01# | |
| | | | | ±0.25pF | GRM0332C1H6R5CA01# | |
| | | | | ±0.5pF | GRM0332C1H6R5DA01# | |
| | | | 6.6pF | ±0.05pF | GRM0332C1H6R6WA01# | |
| | | | | ±0.1pF | GRM0332C1H6R6BA01# | |
| | | | | ±0.25pF | GRM0332C1H6R6CA01# | |
| | 1 | | Port pur | | eates the nackage specification | anda |



| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number |
|-----------|------------------|------------|--------|-------------------|--------------------|
| 0.33mm | 50Vdc | СН | 6.6pF | ±0.5pF | GRM0332C1H6R6DA01# |
| | | | 6.7pF | ±0.05pF | GRM0332C1H6R7WA01# |
| | | | | ±0.1pF | GRM0332C1H6R7BA01# |
| | | | | ±0.25pF | GRM0332C1H6R7CA01# |
| | | | | ±0.5pF | GRM0332C1H6R7DA01# |
| | | | 6.8pF | ±0.05pF | GRM0332C1H6R8WA01# |
| | | | • | ±0.1pF | GRM0332C1H6R8BA01# |
| | | | | ±0.25pF | GRM0332C1H6R8CA01# |
| | | | | ±0.5pF | GRM0332C1H6R8DA01# |
| | | | 6.9pF | ±0.05pF | GRM0332C1H6R9WA01# |
| | | | 0.5рі | ±0.1pF | GRM0332C1H6R9BA01# |
| | | | | | |
| | | | | ±0.25pF | GRM0332C1H6R9CA01# |
| | | | 70.5 | ±0.5pF | GRM0332C1H6R9DA01# |
| | | | 7.0pF | ±0.05pF | GRM0332C1H7R0WA01# |
| | | | | ±0.1pF | GRM0332C1H7R0BA01# |
| | | | | ±0.25pF | GRM0332C1H7R0CA01# |
| | | | | ±0.5pF | GRM0332C1H7R0DA01# |
| | | | 7.1pF | ±0.05pF | GRM0332C1H7R1WA01# |
| | | | | ±0.1pF | GRM0332C1H7R1BA01# |
| | | | | ±0.25pF | GRM0332C1H7R1CA01# |
| | | | | ±0.5pF | GRM0332C1H7R1DA01# |
| | | | 7.2pF | ±0.05pF | GRM0332C1H7R2WA01# |
| | | | | ±0.1pF | GRM0332C1H7R2BA01# |
| | | | | ±0.25pF | GRM0332C1H7R2CA01# |
| | | | | ±0.5pF | GRM0332C1H7R2DA01# |
| | | | 7.3pF | ±0.05pF | GRM0332C1H7R3WA01# |
| | | | | ±0.1pF | GRM0332C1H7R3BA01# |
| | | | | ±0.25pF | GRM0332C1H7R3CA01# |
| | | | | ±0.5pF | GRM0332C1H7R3DA01# |
| | | | 7.4pF | ±0.05pF | GRM0332C1H7R4WA01# |
| | | | 7. IPI | ±0.1pF | GRM0332C1H7R4BA01# |
| | | | | ±0.25pF | GRM0332C1H7R4CA01# |
| | | | | · · | |
| | | | 7.5-5 | ±0.5pF | GRM0332C1H7R4DA01# |
| | | | 7.5pF | ±0.05pF | GRM0332C1H7R5WA01# |
| | | | | ±0.1pF | GRM0332C1H7R5BA01# |
| | | | | ±0.25pF | GRM0332C1H7R5CA01# |
| | | | | ±0.5pF | GRM0332C1H7R5DA01# |
| | | | 7.6pF | ±0.05pF | GRM0332C1H7R6WA01# |
| | | | | ±0.1pF | GRM0332C1H7R6BA01# |
| | | | | ±0.25pF | GRM0332C1H7R6CA01# |
| | | | | ±0.5pF | GRM0332C1H7R6DA01# |
| | | | 7.7pF | ±0.05pF | GRM0332C1H7R7WA01# |
| | | | | ±0.1pF | GRM0332C1H7R7BA01# |
| | | | | ±0.25pF | GRM0332C1H7R7CA01# |
| | | | | ±0.5pF | GRM0332C1H7R7DA01# |
| | | | 7.8pF | ±0.05pF | GRM0332C1H7R8WA01# |
| | | | | ±0.1pF | GRM0332C1H7R8BA01# |
| | | | | ±0.25pF | GRM0332C1H7R8CA01# |
| | | | | ±0.5pF | GRM0332C1H7R8DA01# |
| | | | 7.9pF | ±0.05pF | GRM0332C1H7R9WA01# |
| | | | | ±0.1pF | GRM0332C1H7R9BA01# |
| | | | | - | GRM0332C1H7R9CA01# |
| | | | | | |
| | | | | ±0.25pF ±0.5pF | GRM0332C1H7R9DA01# |

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number |
|-----------|------------------|------------|-------|---------|--------------------|
| 0.33mm | 50Vdc | СН | 8.0pF | ±0.1pF | GRM0332C1H8R0BA01# |
| | | | | ±0.25pF | GRM0332C1H8R0CA01# |
| | | | | ±0.5pF | GRM0332C1H8R0DA01# |
| | | | 8.1pF | ±0.05pF | GRM0332C1H8R1WA01# |
| | | | | ±0.1pF | GRM0332C1H8R1BA01# |
| | | | | ±0.25pF | GRM0332C1H8R1CA01# |
| | | | | ±0.5pF | GRM0332C1H8R1DA01# |
| | | | 8.2pF | ±0.05pF | GRM0332C1H8R2WA01# |
| | | | | ±0.1pF | GRM0332C1H8R2BA01# |
| | | | | ±0.25pF | GRM0332C1H8R2CA01# |
| | | | | ±0.5pF | GRM0332C1H8R2DA01# |
| | | | 8.3pF | ±0.05pF | GRM0332C1H8R3WA01# |
| | | | | ±0.1pF | GRM0332C1H8R3BA01# |
| | | | | ±0.25pF | GRM0332C1H8R3CA01# |
| | | | | ±0.5pF | GRM0332C1H8R3DA01# |
| | | | 8.4pF | ±0.05pF | GRM0332C1H8R4WA01# |
| | | | | ±0.1pF | GRM0332C1H8R4BA01# |
| | | | | ±0.25pF | GRM0332C1H8R4CA01# |
| | | | | ±0.5pF | GRM0332C1H8R4DA01# |
| | | | 8.5pF | ±0.05pF | GRM0332C1H8R5WA01# |
| | | | | ±0.1pF | GRM0332C1H8R5BA01# |
| | | | | ±0.25pF | GRM0332C1H8R5CA01# |
| | | | | ±0.5pF | GRM0332C1H8R5DA01# |
| | | | 8.6pF | ±0.05pF | GRM0332C1H8R6WA01# |
| | | | | ±0.1pF | GRM0332C1H8R6BA01# |
| | | | | ±0.25pF | GRM0332C1H8R6CA01# |
| | | | | ±0.5pF | GRM0332C1H8R6DA01# |
| | | | 8.7pF | ±0.05pF | GRM0332C1H8R7WA01# |
| | | | | ±0.1pF | GRM0332C1H8R7BA01# |
| | | | | ±0.25pF | GRM0332C1H8R7CA01# |
| | | | | ±0.5pF | GRM0332C1H8R7DA01# |
| | | | 8.8pF | ±0.05pF | GRM0332C1H8R8WA01# |
| | | | 8.80F | ±0.1pF | GRM0332C1H8R8BA01# |
| | | | | ±0.25pF | GRM0332C1H8R8CA01# |
| | | | | ±0.5pF | GRM0332C1H8R8DA01# |
| | | | 8.9pF | ±0.05pF | GRM0332C1H8R9WA01# |
| | | | | ±0.1pF | GRM0332C1H8R9BA01# |
| | | | | ±0.25pF | GRM0332C1H8R9CA01# |
| | | | | ±0.5pF | GRM0332C1H8R9DA01# |
| | | | 9.0pF | | GRM0332C1H9R0WA01# |
| | | | | ±0.1pF | GRM0332C1H9R0BA01# |
| | | | | | GRM0332C1H9R0CA01# |
| | | | | ±0.5pF | GRM0332C1H9R0DA01# |
| | | | 9.1pF | - | GRM0332C1H9R1WA01# |
| | | | is. | ±0.1pF | GRM0332C1H9R1BA01# |
| | | | | ±0.25pF | GRM0332C1H9R1CA01# |
| | | | | ±0.5pF | GRM0332C1H9R1DA01# |
| | | | 9.2pF | - | GRM0332C1H9R2WA01# |
| | | | p. | ±0.1pF | GRM0332C1H9R2BA01# |
| | | | | | GRM0332C1H9R2CA01# |
| | | | | ±0.5pF | GRM0332C1H9R2DA01# |
| | | | 9.3pF | | GRM0332C1H9R3WA01# |
| | | | J.Jp1 | ±0.05pi | GRM0332C1H9R3BA01# |
| | | | | ±0.25pF | GRM0332C1H9R3CA01# |
| | | | | ±0.20pi | |

| T max. | Rated Voltage | TC | Cap. | Tol. | Part Number |
|--------|------------------|----|-------|---------|--------------------|
| 0.33mm | _ | CH | 9.3pF | ±0.5pF | GRM0332C1H9R3DA01# |
| | | | 9.4pF | ±0.05pF | GRM0332C1H9R4WA01# |
| | | | | ±0.1pF | GRM0332C1H9R4BA01# |
| | | | | ±0.25pF | GRM0332C1H9R4CA01# |
| | | | | ±0.5pF | GRM0332C1H9R4DA01# |
| | | | 9.5pF | ±0.05pF | GRM0332C1H9R5WA01# |
| | | | | ±0.1pF | GRM0332C1H9R5BA01# |
| | | | | ±0.25pF | GRM0332C1H9R5CA01# |
| | | | | ±0.5pF | GRM0332C1H9R5DA01# |
| | | | 9.6pF | ±0.05pF | GRM0332C1H9R6WA01# |
| | | | 1- | ±0.1pF | GRM0332C1H9R6BA01# |
| | | | | ±0.25pF | GRM0332C1H9R6CA01# |
| | | | | ±0.5pF | GRM0332C1H9R6DA01# |
| | | | 9.7pF | ±0.05pF | GRM0332C1H9R7WA01# |
| | | | - 1 | ±0.1pF | GRM0332C1H9R7BA01# |
| | | | | ±0.25pF | GRM0332C1H9R7CA01# |
| | | | | ±0.5pF | GRM0332C1H9R7DA01# |
| | | | 9.8pF | ±0.05pF | GRM0332C1H9R8WA01# |
| | | | | ±0.1pF | GRM0332C1H9R8BA01# |
| | | | | ±0.25pF | GRM0332C1H9R8CA01# |
| | | | | ±0.5pF | GRM0332C1H9R8DA01# |
| | | | 9.9pF | ±0.05pF | GRM0332C1H9R9WA01# |
| | | | | ±0.1pF | GRM0332C1H9R9BA01# |
| | | | | ±0.25pF | GRM0332C1H9R9CA01# |
| | | | | ±0.5pF | GRM0332C1H9R9DA01# |
| | | | 10pF | ±2% | GRM0332C1H100GA01# |
| | | | 12pF | ±5% | GRM0332C1H100JA01# |
| | | | | ±2% | GRM0332C1H120GA01# |
| | | | | ±5% | GRM0332C1H120JA01# |
| | | | 15pF | ±2% | GRM0332C1H150GA01# |
| | | | | ±5% | GRM0332C1H150JA01# |
| | | | 18pF | ±2% | GRM0332C1H180GA01# |
| | | | | ±5% | GRM0332C1H180JA01# |
| | | | 22pF | ±2% | GRM0332C1H220GA01# |
| | | | | ±5% | GRM0332C1H220JA01# |
| | | | 27pF | ±2% | GRM0332C1H270GA01# |
| | | | | ±5% | GRM0332C1H270JA01# |
| | | | 33pF | ±2% | GRM0332C1H330GA01# |
| | | | | ±5% | GRM0332C1H330JA01# |
| | | | 39pF | ±2% | GRM0332C1H390GA01# |
| | | | | ±5% | GRM0332C1H390JA01# |
| | | | 47pF | ±2% | GRM0332C1H470GA01# |
| | | | | ±5% | GRM0332C1H470JA01# |
| | | | 56pF | ±2% | GRM0332C1H560GA01# |
| | | | | ±5% | GRM0332C1H560JA01# |
| | | | 68pF | ±2% | GRM0332C1H680GA01# |
| | | | | ±5% | GRM0332C1H680JA01# |
| | | | 82pF | ±2% | GRM0332C1H820GA01# |
| | | | | ±5% | GRM0332C1H820JA01# |
| | | | 100pF | ±2% | GRM0332C1H101GA01# |
| | | | | ±5% | GRM0332C1H101JA01# |
| | | UK | 1.0pF | ±0.25pF | GRM0334U1H1R0CD01# |
| | | | | | |
| | | | 2.0pF | ±0.25pF | GRM0334U1H2R0CD01# |

| T Rated TC Cap. Tol. Part Num | ber |
|---|---------|
| 0.33mm 50Vdc UJ 4.0pF ±0.25pF GRM0333U1H4F | R0CD01# |
| 5.0pF ±0.25pF GRM0333U1H5 F | |
| 6.0pF ±0.5pF GRM0333U1H6 F | |
| 7.0pF ±0.5pF GRM0333U1H7F | |
| 8.0pF ±0.5pF GRM0333U1H8F | R0DD01# |
| 9.0pF ±0.5pF GRM0333U1H9F | R0DD01# |
| 10pF ±5% GRM0333U1H1 0 | 00JD01# |
| 12pF ±5% GRM0333U1H12 | 20JD01# |
| 15pF ±5% GRM0333U1H1 5 | 50JD01# |
| 25Vdc R2H 1.0pF ±0.25pF GRM0336R1E1F | R0CD01# |
| 2.0pF ±0.25pF GRM0336R1E2F | R0CD01# |
| 3.0pF ±0.25pF GRM0336R1E3F | R0CD01# |
| 4.0pF ±0.25pF GRM0336R1E4F | R0CD01# |
| 5.0pF ±0.25pF GRM0336R1E5F | R0CD01# |
| 6.0pF ±0.5pF GRM0336R1E6F | R0DD01# |
| 7.0pF ±0.5pF GRM0336R1E7F | R0DD01# |
| 8.0pF ±0.5pF GRM0336R1E8F | R0DD01# |
| 9.0pF ±0.5pF GRM0336R1E9F | R0DD01# |
| 10pF ±5% GRM0336R1E10 | 00JD01# |
| 12pF ±5% GRM0336R1E12 | 20JD01# |
| 15pF ±5% GRM0336R1E1 5 | 50JD01# |
| 18pF ±5% GRM0336R1E18 | 80JD01# |
| 22pF ±5% GRM0336R1E22 | 20JD01# |
| 27pF ±5% GRM0336R1E27 | 70JD01# |
| 33pF ±5% GRM0336R1E3 3 | B0JD01# |
| 39pF ±5% GRM0336R1E39 | |
| 47pF ±5% GRM0336R1E47 | |
| 56pF ±5% GRM0336R1E56 | |
| 68pF ±5% GRM0336R1E68 | |
| 82pF ±5% GRM0336R1E82 | |
| 100pF ±5% GRM0336R1E10 | |
| RK 1.0pF ±0.25pF GRM0334R1E1F 2.0pF ±0.25pF GRM0334R1E2F | |
| | |
| RJ 3.0pF ±0.25pF GRM0333R1E3F RH 4.0pF ±0.25pF GRM0332R1E4F | |
| 5.0pF ±0.25pF GRM0332R1E4F | |
| 6.0pF ±0.5pF GRM0332R1E6F | |
| 7.0pF ±0.5pF GRM0332R1E7F | |
| 8.0pF ±0.5pF GRM0332R1E8F | |
| 9.0pF ±0.5pF GRM0332R1E9F | |
| 10pF ±5% GRM0332R1E10 | |
| 12pF ±5% GRM0332R1E12 | |
| 15pF ±5% GRM0332R1E15 | |
| 18pF ±5% GRM0332R1E18 | B0JD01# |
| 22pF ±5% GRM0332R1E22 | 20JD01# |
| 27pF ±5% GRM0332R1E27 | 70JD01# |
| 33pF ±5% GRM0332R1E33 | 30JD01# |
| 39pF ±5% GRM0332R1E39 | 90JD01# |
| 47pF ±5% GRM0332R1E47 | 70JD01# |
| 56pF ±5% GRM0332R1E56 | 60JD01# |
| 68pF ±5% GRM0332R1E68 | 30JD01# |
| 82pF ±5% GRM0332R1E82 | 20JD01# |
| 100pF ±5% GRM0332R1E10 |)1JD01# |
| S2H 1.0pF ±0.25pF GRM0336S1E1F | R0CD01# |



(→ **■** 0.6×0.3mm)

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number |
|-----------|------------------|------------|-------|---------|--------------------|
| 0.33mm | 25Vdc | S2H | 2.0pF | ±0.25pF | GRM0336S1E2R0CD01# |
| | | | 3.0pF | ±0.25pF | GRM0336S1E3R0CD01# |
| | | | 4.0pF | ±0.25pF | GRM0336S1E4R0CD01# |
| | | | 5.0pF | ±0.25pF | GRM0336S1E5R0CD01# |
| | | | 6.0pF | ±0.5pF | GRM0336S1E6R0DD01# |
| | | | 7.0pF | ±0.5pF | GRM0336S1E7R0DD01# |
| | | | 8.0pF | ±0.5pF | GRM0336S1E8R0DD01# |
| | | | 9.0pF | ±0.5pF | GRM0336S1E9R0DD01# |
| | | | 10pF | ±5% | GRM0336S1E100JD01# |
| | | | 12pF | ±5% | GRM0336S1E120JD01# |
| | | | 15pF | ±5% | GRM0336S1E150JD01# |
| | | | 18pF | ±5% | GRM0336S1E180JD01# |
| | | | 22pF | ±5% | GRM0336S1E220JD01# |
| | | | 27pF | ±5% | GRM0336S1E270JD01# |
| | | | 33pF | ±5% | GRM0336S1E330JD01# |
| | | | 39pF | ±5% | GRM0336S1E390JD01# |
| | | | 47pF | ±5% | GRM0336S1E470JD01# |
| | | | 56pF | ±5% | GRM0336S1E560JD01# |
| | | | 68pF | ±5% | GRM0336S1E680JD01# |
| | | | 82pF | ±5% | GRM0336S1E820JD01# |
| | | | 100pF | ±5% | GRM0336S1E101JD01# |
| | | SK | 1.0pF | ±0.25pF | GRM0334S1E1R0CD01# |
| | | | 2.0pF | ±0.25pF | GRM0334S1E2R0CD01# |
| | | SJ | 3.0pF | ±0.25pF | GRM0333S1E3R0CD01# |
| | | SH | 4.0pF | ±0.25pF | GRM0332S1E4R0CD01# |
| | | | 5.0pF | ±0.25pF | GRM0332S1E5R0CD01# |
| | | | 6.0pF | ±0.5pF | GRM0332S1E6R0DD01# |
| | | | 7.0pF | ±0.5pF | GRM0332S1E7R0DD01# |
| | | | 8.0pF | ±0.5pF | GRM0332S1E8R0DD01# |
| | | | 9.0pF | ±0.5pF | GRM0332S1E9R0DD01# |
| | | | 10pF | ±5% | GRM0332S1E100JD01# |
| | | | 12pF | ±5% | GRM0332S1E120JD01# |
| | | | 15pF | ±5% | GRM0332S1E150JD01# |
| | | | 18pF | ±5% | GRM0332S1E180JD01# |
| | | | 22pF | ±5% | GRM0332S1E220JD01# |
| | | | 27pF | ±5% | GRM0332S1E270JD01# |
| | | | 33pF | ±5% | GRM0332S1E330JD01# |
| | | | 39pF | ±5% | GRM0332S1E390JD01# |
| | | | 47pF | ±5% | GRM0332S1E470JD01# |
| | | | 56pF | ±5% | GRM0332S1E560JD01# |
| | | | 68pF | ±5% | GRM0332S1E680JD01# |
| | | | 82pF | ±5% | GRM0332S1E820JD01# |
| | | | 100pF | ±5% | GRM0332S1E101JD01# |
| | | T2H | 1.0pF | ±0.25pF | GRM0336T1E1R0CD01# |
| | | | 2.0pF | ±0.25pF | GRM0336T1E2R0CD01# |
| | | | 3.0pF | ±0.25pF | GRM0336T1E3R0CD01# |
| | | | 4.0pF | ±0.25pF | GRM0336T1E4R0CD01# |
| | | | 5.0pF | ±0.25pF | GRM0336T1E5R0CD01# |
| | | | 6.0pF | ±0.5pF | GRM0336T1E6R0DD01# |
| | | | 7.0pF | ±0.5pF | GRM0336T1E7R0DD01# |
| | | | 8.0pF | ±0.5pF | GRM0336T1E8R0DD01# |
| | | | 9.0pF | ±0.5pF | GRM0336T1E9R0DD01# |
| | | | 10pF | ±5% | GRM0336T1E100JD01# |
| | | | 12pF | ±5% | GRM0336T1E120JD01# |
| | | | ιζγι | ±5 /0 | |

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number |
|-----------|------------------|------------|-------|---------|--------------------|
| 0.33mm | 25Vdc | T2H | 15pF | ±5% | GRM0336T1E150JD01# |
| | | | 18pF | ±5% | GRM0336T1E180JD01# |
| | | | 22pF | ±5% | GRM0336T1E220JD01# |
| | | | 27pF | ±5% | GRM0336T1E270JD01# |
| | | | 33pF | ±5% | GRM0336T1E330JD01# |
| | | | 39pF | ±5% | GRM0336T1E390JD01# |
| | | | 47pF | ±5% | GRM0336T1E470JD01# |
| | | | 56pF | ±5% | GRM0336T1E560JD01# |
| | | | 68pF | ±5% | GRM0336T1E680JD01# |
| | | | 82pF | ±5% | GRM0336T1E820JD01# |
| | | | 100pF | ±5% | GRM0336T1E101JD01# |
| | | TK | 1.0pF | ±0.25pF | GRM0334T1E1R0CD01# |
| | | | 2.0pF | ±0.25pF | GRM0334T1E2R0CD01# |
| | | TJ | 3.0pF | ±0.25pF | GRM0333T1E3R0CD01# |
| | | TH | 4.0pF | ±0.25pF | GRM0332T1E4R0CD01# |
| | | | 5.0pF | ±0.25pF | GRM0332T1E5R0CD01# |
| | | | 6.0pF | ±0.5pF | GRM0332T1E6R0DD01# |
| | | | 7.0pF | ±0.5pF | GRM0332T1E7R0DD01# |
| | | | 8.0pF | ±0.5pF | GRM0332T1E8R0DD01# |
| | | | 9.0pF | ±0.5pF | GRM0332T1E9R0DD01# |
| | | | 10pF | ±5% | GRM0332T1E100JD01# |
| | | | 12pF | ±5% | GRM0332T1E120JD01# |
| | | | 15pF | ±5% | GRM0332T1E150JD01# |
| | | | 18pF | ±5% | GRM0332T1E180JD01# |
| | | | 22pF | ±5% | GRM0332T1E220JD01# |
| | | | 27pF | ±5% | GRM0332T1E270JD01# |
| | | | 33pF | ±5% | GRM0332T1E330JD01# |
| | | | 39pF | ±5% | GRM0332T1E390JD01# |
| | | | 47pF | ±5% | GRM0332T1E470JD01# |
| | | | 56pF | ±5% | GRM0332T1E560JD01# |
| | | | 68pF | ±5% | GRM0332T1E680JD01# |
| | | | 82pF | ±5% | GRM0332T1E820JD01# |
| | | | 100pF | ±5% | GRM0332T1E101JD01# |
| | | UJ | 18pF | ±5% | GRM0333U1E180JD01# |
| | | | 22pF | ±5% | GRM0333U1E220JD01# |
| | | | 27pF | ±5% | GRM0333U1E270JD01# |
| | | | 33pF | ±5% | GRM0333U1E330JD01# |
| | | | 39pF | ±5% | GRM0333U1E390JD01# |
| | | | 47pF | ±5% | GRM0333U1E470JD01# |
| | | | 56pF | ±5% | GRM0333U1E560JD01# |
| | | | 68pF | ±5% | GRM0333U1E680JD01# |
| | | | 82pF | ±5% | GRM0333U1E820JD01# |
| | | | 100pF | ±5% | GRM0333U1E101JD01# |

■ 1.0×0.5mm

| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number |
|-----------|------------------|------------|-------|--------|--------------------|
| 0.33mm | 50Vdc | COG | 0.1pF | ±0.1pF | GRM1535C1HR10BDD5# |
| | | | 0.2pF | ±0.1pF | GRM1535C1HR20BDD5# |
| | | | 0.3pF | ±0.1pF | GRM1535C1HR30BDD5# |
| | | | 0.4pF | ±0.1pF | GRM1535C1HR40BDD5# |
| | | | 0.5pF | ±0.1pF | GRM1535C1HR50BDD5# |
| | | | 0.6pF | ±0.1pF | GRM1535C1HR60BDD5# |

Part number # indicates the package specification code.



Rated

Voltage

50Vdc

Т

max.

0.33mm

| (→ ■ 1 | .0×0.5ı | mm) | | | |
|-----------|------------------|------------|----------------|---------|--|
| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number |
| 0.33mm | 50Vdc | C0G | 0.7pF | ±0.1pF | GRM1535C1HR70BDD5# |
| | | | 0.8pF | ±0.1pF | GRM1535C1HR80BDD5# |
| | | | 0.9pF | ±0.1pF | GRM1535C1HR90BDD5# |
| | | | 1.0pF | ±0.25pF | GRM1535C1H1R0CDD5# |
| | | | 1.1pF | ±0.25pF | GRM1535C1H1R1CDD5# |
| | | | 1.2pF | ±0.25pF | GRM1535C1H1R2CDD5# |
| | | | 1.3pF | ±0.25pF | GRM1535C1H1R3CDD5# |
| | | | 1.4pF | ±0.25pF | GRM1535C1H1R4CDD5# |
| | | | 1.5pF | ±0.25pF | GRM1535C1H1R5CDD5# |
| | | | 1.6pF | ±0.25pF | GRM1535C1H1R6CDD5# |
| | | | 1.7pF | ±0.25pF | GRM1535C1H1R7CDD5# |
| | | | 1.8pF | ±0.25pF | GRM1535C1H1R8CDD5# |
| | | | 1.9pF | ±0.25pF | GRM1535C1H1R9CDD5# |
| | | | 2.0pF | ±0.25pF | GRM1535C1H2R0CDD5# |
| | | | 2.1pF | ±0.25pF | GRM1535C1H2R1CDD5# |
| | | | 2.2pF | ±0.25pF | GRM1535C1H2R2CDD5# |
| | | | 2.3pF | ±0.25pF | GRM1535C1H2R3CDD5# |
| | | | 2.4pF | ±0.25pF | GRM1535C1H2R4CDD5# |
| | | | 2.5pF | ±0.25pF | GRM1535C1H2R5CDD5# |
| | | | 2.6pF | ±0.25pF | GRM1535C1H2R6CDD5# |
| | | | 2.7pF | ±0.25pF | GRM1535C1H2R7CDD5# |
| | | | 2.8pF | ±0.25pF | GRM1535C1H2R8CDD5# |
| | | | 2.9pF | ±0.25pF | GRM1535C1H2R9CDD5# |
| | | | 3.0pF | ±0.25pF | GRM1535C1H3R0CDD5# |
| | | | 3.1pF | ±0.25pF | GRM1535C1H3R1CDD5# |
| | | | 3.2pF | ±0.25pF | GRM1535C1H3R2CDD5# |
| | | | 3.3pF | ±0.25pF | GRM1535C1H3R3CDD5# |
| | | | 3.4pF | ±0.25pF | GRM1535C1H3R4CDD5# |
| | | | 3.5pF | ±0.25pF | GRM1535C1H3R5CDD5# |
| | | | 3.6pF | ±0.25pF | GRM1535C1H3R6CDD5# |
| | | | 3.7pF | ±0.25pF | GRM1535C1H3R7CDD5# |
| | | | 3.8pF | ±0.25pF | GRM1535C1H3R8CDD5# |
| | | | 3.9pF | ±0.25pF | GRM1535C1H3R9CDD5# |
| | | | 4.0pF | ±0.25pF | GRM1535C1H4R0CDD5# |
| | | | 4.1pF | ±0.25pF | |
| | | | 4.2pF | ±0.25pF | |
| | | | 4.3pF | ±0.25pF | |
| | | | 4.4pF | ±0.25pF | |
| | | | 4.5pF | ±0.25pF | |
| | | | 4.6pF | ±0.25pF | |
| | | | 4.7pF | ±0.25pF | GRM1535C1H4R7CDD5# |
| | | | 4.8pF | ±0.25pF | GRM1535C1H4R8CDD5# |
| | | | 4.9pF | ±0.25pF | GRM1535C1H4R9CDD5# |
| | | | 5.0pF | ±0.25pF | |
| | | | 5.1pF | ±0.5pF | GRM1535C1H5R1DDD5# |
| | | | 5.2pF | ±0.5pF | GRM1535C1H5R2DDD5# |
| | | | 5.3pF | ±0.5pF | GRM1535C1H5R3DDD5# |
| | | | 5.4pF | ±0.5pF | GRM1535C1H5R4DDD5# |
| | | | 5.5pF | ±0.5pF | GRM1535C1H5R5DDD5# |
| | | | 5.6pF 5.7pF | ±0.5pF | GRM1535C1H5R6DDD5# GRM1535C1H5R7DDD5# |
| | | | 5.7pF | ±0.5pF | GRM1535C1H5R7DDD5# |
| | | | 5.8pF 5.9pF | ±0.5pF | |
| | | | 5.9pF | ±0.5pF | GRM1535C1H5R9DDD5# |
| | | | 6.0pF | ±0.5pF | GRM1535C1H6R0DDD5# |

| TC Code | Cap. | Tol. | Part Number | |
|------------|----------|--------------|---------------------------------|-------|
| COG | 6.1pF | ±0.5pF | GRM1535C1H6R1DDD5# | |
| | 6.2pF | ±0.5pF | GRM1535C1H6R2DDD5# | |
| | 6.3pF | ±0.5pF | GRM1535C1H6R3DDD5# | |
| | 6.4pF | ±0.5pF | GRM1535C1H6R4DDD5# | |
| | 6.5pF | ±0.5pF | GRM1535C1H6R5DDD5# | |
| | 6.6pF | ±0.5pF | GRM1535C1H6R6DDD5# | |
| | 6.7pF | ±0.5pF | GRM1535C1H6R7DDD5# | |
| | 6.8pF | ±0.5pF | GRM1535C1H6R8DDD5# | |
| | 6.9pF | ±0.5pF | GRM1535C1H6R9DDD5# | |
| | 7.0pF | ±0.5pF | GRM1535C1H7R0DDD5# | |
| | 7.1pF | ±0.5pF | GRM1535C1H7R1DDD5# | |
| | 7.2pF | ±0.5pF | GRM1535C1H7R2DDD5# | |
| | 7.3pF | ±0.5pF | GRM1535C1H7R3DDD5# | |
| | 7.4pF | ±0.5pF | GRM1535C1H7R4DDD5# | |
| | 7.5pF | ±0.5pF | GRM1535C1H7R5DDD5# | |
| | 7.6pF | ±0.5pF | GRM1535C1H7R6DDD5# | |
| | 7.7pF | ±0.5pF | GRM1535C1H7R7DDD5# | |
| | 7.8pF | ±0.5pF | GRM1535C1H7R8DDD5# | |
| | 7.9pF | ±0.5pF | GRM1535C1H7R9DDD5# | |
| | 8.0pF | ±0.5pF | GRM1535C1H8R0DDD5# | |
| | 8.1pF | ±0.5pF | GRM1535C1H8R1DDD5# | |
| | 8.2pF | ±0.5pF | GRM1535C1H8R2DDD5# | |
| | 8.3pF | ±0.5pF | GRM1535C1H8R3DDD5# | |
| | 8.4pF | ±0.5pF | GRM1535C1H8R4DDD5# | |
| | 8.5pF | ±0.5pF | GRM1535C1H8R5DDD5# | |
| | 8.6pF | ±0.5pF | GRM1535C1H8R6DDD5# | |
| | 8.7pF | ±0.5pF | GRM1535C1H8R7DDD5# | |
| | 8.8pF | ±0.5pF | GRM1535C1H8R8DDD5# | |
| | 8.9pF | ±0.5pF | GRM1535C1H8R9DDD5# | |
| | 9.0pF | ±0.5pF | GRM1535C1H9R0DDD5# | |
| | 9.1pF | ±0.5pF | GRM1535C1H9R1DDD5# | |
| | 9.2pF | ±0.5pF | GRM1535C1H9R2DDD5# | |
| | 9.3pF | ±0.5pF | GRM1535C1H9R3DDD5# | |
| | 9.4pF | ±0.5pF | GRM1535C1H9R4DDD5# | |
| | 9.5pF | ±0.5pF | GRM1535C1H9R5DDD5# | |
| | 9.6pF | ±0.5pF | GRM1535C1H9R6DDD5# | |
| | 9.7pF | ±0.5pF | GRM1535C1H9R7DDD5# | |
| | 9.8pF | ±0.5pF | GRM1535C1H9R8DDD5# | |
| | 9.9pF | ±0.5pF | GRM1535C1H9R9DDD5# | |
| | 10pF | ±5% | GRM1535C1H100JDD5# | |
| | 12pF | ±5% | GRM1535C1H120JDD5# | |
| | 15pF | ±5% | GRM1535C1H150JDD5# | |
| | 18pF | ±5% | GRM1535C1H180JDD5# | |
| | 22pF | ±5% | GRM1535C1H220JDD5# | |
| | 27pF | ±5% | GRM1535C1H270JDD5# | |
| | 33pF | ±5% | GRM1535C1H330JDD5# | |
| | 39pF | ±5% | GRM1535C1H390JDD5# | |
| | 47pF | ±5% | GRM1535C1H470JDD5# | |
| | 56pF | ±5% | GRM1535C1H560JDD5# | |
| | 68pF | ±5% | GRM1535C1H680JDD5# | |
| | 82pF | ±5% | GRM1535C1H820JDD5# | |
| | 100pF | ±5% | GRM1535C1H101JDD5# | |
| | 120pF | ±5% | GRM1535C1H121JDD5# | |
| | 150pF | ±5% | GRM1535C1H151JDD5# | |
| | rart nun | nber # indic | cates the package specification | code. |



| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number |
|-----------|------------------|------------|-------|---------|--------------------|
| 0.33mm | 50Vdc | COG | 180pF | ±5% | GRM1535C1H181JDD5# |
| | | | 220pF | ±5% | GRM1535C1H221JDD5# |
| | | | 270pF | ±5% | GRM1535C1H271JDD5# |
| | | | 330pF | ±5% | GRM1535C1H331JDD5# |
| | | | 390pF | ±5% | GRM1535C1H391JDD5# |
| | | | 470pF | ±5% | GRM1535C1H471JDD5# |
| | | | 560pF | ±5% | GRM1535C1H561JDD5# |
| | | | 680pF | ±5% | GRM1535C1H681JDD5# |
| | | CK | 0.1pF | ±0.1pF | GRM1534C1HR10BDD5# |
| | | | 0.2pF | ±0.1pF | GRM1534C1HR20BDD5# |
| | | | 0.3pF | ±0.1pF | GRM1534C1HR30BDD5# |
| | | | 0.4pF | ±0.1pF | GRM1534C1HR40BDD5# |
| | | | 0.5pF | ±0.1pF | GRM1534C1HR50BDD5# |
| | | | 0.6pF | ±0.1pF | GRM1534C1HR60BDD5# |
| | | | 0.7pF | ±0.1pF | GRM1534C1HR70BDD5# |
| | | | 0.8pF | ±0.1pF | GRM1534C1HR80BDD5# |
| | | | 0.9pF | ±0.1pF | GRM1534C1HR90BDD5# |
| | | | 1.0pF | ±0.25pF | GRM1534C1H1R0CDD5# |
| | | | 1.1pF | ±0.25pF | |
| | | | 1.2pF | ±0.25pF | |
| | | | 1.3pF | ±0.25pF | GRM1534C1H1R3CDD5# |
| | | | 1.4pF | ±0.25pF | |
| | | | 1.5pF | ±0.25pF | |
| | | | 1.6pF | | |
| | | | 1.7pF | | |
| | | | 1.8pF | ±0.25pF | |
| | | | 1.9pF | ±0.25pF | |
| | | | | | GRM1534C1H2R0CDD5# |
| | | CJ | 2.0pF | ±0.25pF | |
| | | Co | 2.1pF | ±0.25pF | GRM1533C1H2R1CDD5# |
| | | | 2.2pF | ±0.25pF | |
| | | | 2.3pF | ±0.25pF | GRM1533C1H2R3CDD5# |
| | | | 2.4pF | ±0.25pF | GRM1533C1H2R4CDD5# |
| | | | 2.5pF | ±0.25pF | GRM1533C1H2R5CDD5# |
| | | | 2.6pF | | GRM1533C1H2R6CDD5# |
| | | | 2.7pF | ±0.25pF | |
| | | | 2.8pF | ±0.25pF | |
| | | | 2.9pF | | GRM1533C1H2R9CDD5# |
| | | | 3.0pF | • | GRM1533C1H3R0CDD5# |
| | | | 3.1pF | | GRM1533C1H3R1CDD5# |
| | | | 3.2pF | | GRM1533C1H3R2CDD5# |
| | | | 3.3pF | - | GRM1533C1H3R3CDD5# |
| | | | 3.4pF | ±0.25pF | GRM1533C1H3R4CDD5# |
| | | | 3.5pF | ±0.25pF | GRM1533C1H3R5CDD5# |
| | | | 3.6pF | ±0.25pF | GRM1533C1H3R6CDD5# |
| | | | 3.7pF | ±0.25pF | GRM1533C1H3R7CDD5# |
| | | | 3.8pF | ±0.25pF | GRM1533C1H3R8CDD5# |
| | | | 3.9pF | ±0.25pF | GRM1533C1H3R9CDD5# |
| | | СН | 4.0pF | ±0.25pF | GRM1532C1H4R0CDD5# |
| | | | 4.1pF | ±0.25pF | GRM1532C1H4R1CDD5# |
| | | | 4.2pF | ±0.25pF | GRM1532C1H4R2CDD5# |
| | | | 4.3pF | ±0.25pF | GRM1532C1H4R3CDD5# |
| | | | 4.4pF | ±0.25pF | GRM1532C1H4R4CDD5# |
| | | | 4.5pF | ±0.25pF | GRM1532C1H4R5CDD5# |
| | | | 4.6pF | ±0.25pF | GRM1532C1H4R6CDD5# |

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number | |
|-----------|------------------|------------|---------------|---------------|--|--|
| 0.33mm | 50Vdc | СН | 4.7pF | ±0.25pF | GRM1532C1H4R7CDD5# | |
| | | | 4.8pF | ±0.25pF | GRM1532C1H4R8CDD5# | |
| | | | 4.9pF | ±0.25pF | GRM1532C1H4R9CDD5# | |
| | | | 5.0pF | ±0.25pF | GRM1532C1H5R0CDD5# | |
| | | | 5.1pF | ±0.5pF | GRM1532C1H5R1DDD5# | |
| | | | 5.2pF | ±0.5pF | GRM1532C1H5R2DDD5# | |
| | | | 5.3pF | ±0.5pF | GRM1532C1H5R3DDD5# | |
| | | | 5.4pF | ±0.5pF | GRM1532C1H5R4DDD5# | |
| | | | 5.5pF | ±0.5pF | GRM1532C1H5R5DDD5# | |
| | | | 5.6pF | ±0.5pF | GRM1532C1H5R6DDD5# | |
| | | | 5.7pF | ±0.5pF | GRM1532C1H5R7DDD5# | |
| | | | 5.8pF | ±0.5pF | GRM1532C1H5R8DDD5# | |
| | | | 5.9pF | ±0.5pF | GRM1532C1H5R9DDD5# | |
| | | | 6.0pF | ±0.5pF | GRM1532C1H6R0DDD5# | |
| | | | 6.1pF | ±0.5pF | GRM1532C1H6R1DDD5# | |
| | | | 6.2pF | ±0.5pF | GRM1532C1H6R2DDD5# | |
| | | | 6.3pF | ±0.5pF | GRM1532C1H6R3DDD5# | |
| | | | 6.4pF | ±0.5pF | GRM1532C1H6R4DDD5# | |
| | | | 6.5pF | ±0.5pF | GRM1532C1H6R5DDD5# | |
| | | | 6.6pF | ±0.5pF | GRM1532C1H6R6DDD5# | |
| | | | 6.7pF | ±0.5pF | GRM1532C1H6R7DDD5# | |
| | | | 6.8pF | ±0.5pF | GRM1532C1H6R8DDD5# | |
| | | | 6.9pF | ±0.5pF | GRM1532C1H6R9DDD5# | |
| | | | 7.0pF | ±0.5pF | GRM1532C1H7R0DDD5# | |
| | | | 7.1pF | ±0.5pF | GRM1532C1H7R1DDD5# | |
| | | | 7.2pF | ±0.5pF | GRM1532C1H7R2DDD5# | |
| | | | 7.3pF | ±0.5pF | GRM1532C1H7R3DDD5# | |
| | | | 7.4pF | ±0.5pF | GRM1532C1H7R4DDD5# | |
| | | | 7.5pF | ±0.5pF | GRM1532C1H7R5DDD5# | |
| | | | 7.6pF | ±0.5pF | GRM1532C1H7R6DDD5# | |
| | | | 7.7pF | ±0.5pF | GRM1532C1H7R7DDD5# | |
| | | | 7.8pF | ±0.5pF | GRM1532C1H7R8DDD5# | |
| | | | 7.9pF | ±0.5pF | GRM1532C1H7R9DDD5# | |
| | | | 8.0pF | ±0.5pF | GRM1532C1H8R0DDD5# | |
| | | | 8.1pF | ±0.5pF | GRM1532C1H8R1DDD5# | |
| | | | 8.2pF | ±0.5pF | GRM1532C1H8R2DDD5# | |
| | | | 8.3pF | ±0.5pF | GRM1532C1H8R3DDD5# | |
| | | | 8.4pF | ±0.5pF | GRM1532C1H8R4DDD5# | |
| | | | 8.5pF | ±0.5pF | GRM1532C1H8R5DDD5# | |
| | | | 8.6pF | ±0.5pF | GRM1532C1H8R6DDD5# | |
| | | | 8.7pF | ±0.5pF | GRM1532C1H8R7DDD5# | |
| | | | 8.8pF | ±0.5pF | GRM1532C1H8R8DDD5# | |
| | | | 8.9pF | ±0.5pF | GRM1532C1H8R9DDD5# | |
| | | | 9.0pF | ±0.5pF | GRM1532C1H9R0DDD5# | |
| | | | 9.1pF | ±0.5pF | GRM1532C1H9R1DDD5# | |
| | | | 9.2pF | ±0.5pF | GRM1532C1H9R2DDD5# | |
| | | | 9.3pF | ±0.5pF | GRM1532C1H9R3DDD5# | |
| | | | 9.4pF | ±0.5pF | GRM1532C1H9R4DDD5# | |
| | | | 9.5pF | ±0.5pF | GRM1532C1H9R5DDD5# | |
| | | | 9.6pF | ±0.5pF | GRM1532C1H9R6DDD5# | |
| | | | 9.7pF | ±0.5pF | GRM1532C1H9R7DDD5# | |
| | | | 9.8pF | ±0.5pF | GRM1532C1H9R8DDD5# | |
| | | | 9.9pF 10pF | ±0.5pF ±5% | GRM1532C1H9R9DDD5# GRM1532C1H100JDD5# | |
| | | | | I | rates the package specification | |

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number |
|-----------|------------------|------------|----------------|--|--|
| 0.33mm | 50Vdc | СН | 12pF | ±5% | GRM1532C1H120JDD5# |
| | | | 15pF | ±5% | GRM1532C1H150JDD5# |
| | | | 18pF | ±5% | GRM1532C1H180JDD5# |
| | | | 22pF | ±5% | GRM1532C1H220JDD5# |
| | | | 27pF | ±5% | GRM1532C1H270JDD5# |
| | | | 33pF | ±5% | GRM1532C1H330JDD5# |
| | | | 39pF | ±5% | GRM1532C1H390JDD5# |
| | | | 47pF | ±5% | GRM1532C1H470JDD5# |
| | | | 56pF | ±5% | GRM1532C1H560JDD5# |
| | | | 68pF | ±5% | GRM1532C1H680JDD5# |
| | | | 82pF | ±5% | GRM1532C1H820JDD5# |
| | | | 100pF | ±5% | GRM1532C1H101JDD5# |
| | | | 120pF | ±5% | GRM1532C1H121JDD5# |
| | | | 150pF | ±5% | GRM1532C1H151JDD5# |
| | | | 180pF | ±5% | GRM1532C1H181JDD5# |
| | | | 220pF | ±5% | GRM1532C1H221JDD5# |
| | | | 270pF | ±5% | GRM1532C1H271JDD5# |
| | | | 330pF | ±5% | GRM1532C1H331JDD5# |
| | | | 390pF | ±5% | GRM1532C1H391JDD5# |
| | | | 470pF | ±5% | GRM1532C1H471JDD5# |
| | | | 560pF | ±5% | GRM1532C1H561JDD5# |
| | | | 680pF | ±5% | GRM1532C1H681JDD5# |
| 0.55mm | 50Vdc | COG | 0.1pF | ±0.05pF | GRM1555C1HR10WA01# |
| 0.5511111 | Jovac | Cod | 0.1pi | - | |
| | | | 0.25E | ±0.1pF | GRM1555C1HR10BA01# |
| | | | 0.2pF | ±0.05pF | GRM1555C1HR20WA01# |
| | | | 0.0-5 | ±0.1pF | GRM1555C1HR20BA01# |
| | | | 0.3pF | ±0.05pF | GRM1555C1HR30WA01# |
| | | | 0.4.5 | ±0.1pF | GRM1555C1HR30BA01# |
| | | | 0.4pF | ±0.05pF | GRM1555C1HR40WA01# |
| | | | | ±0.1pF | GRM1555C1HR40BA01# |
| | | | 0.5pF | ±0.05pF | GRM1555C1HR50WA01# |
| | | | | ±0.1pF | GRM1555C1HR50BA01# |
| | | | 0.6pF | ±0.05pF | GRM1555C1HR60WA01# |
| | | | | ±0.1pF | GRM1555C1HR60BA01# |
| | | | 0.7pF | ±0.05pF | GRM1555C1HR70WA01# |
| | | | | ±0.1pF | GRM1555C1HR70BA01# |
| | | | 0.8pF | ±0.05pF | GRM1555C1HR80WA01# |
| | | | | ±0.1pF | GRM1555C1HR80BA01# |
| | | | 0.9pF | ±0.05pF | GRM1555C1HR90WA01# |
| | | | | ±0.1pF | GRM1555C1HR90BA01# |
| | | | 1.0pF | ±0.05pF | GRM1555C1H1R0WA01# |
| | | | | ±0.1pF | GRM1555C1H1R0BA01# |
| | | | | ±0.25pF | GRM1555C1H1R0CA01# |
| | | | 1.1pF | ±0.05pF | GRM1555C1H1R1WA01# |
| | | | | ±0.1pF | GRM1555C1H1R1BA01# |
| | | 1 | | ±0.25pF | GRM1555C1H1R1CA01# |
| | | | | | |
| | | | 1.2pF | ±0.05pF | GRM1555C1H1R2WA01# |
| | | | 1.2pF | ±0.05pF ±0.1pF | GRM1555C1H1R2WA01# GRM1555C1H1R2BA01# |
| | | | 1.2pF | - | |
| | | | 1.2pF 1.3pF | ±0.1pF | GRM1555C1H1R2BA01# |
| | | | | ±0.1pF ±0.25pF | GRM1555C1H1R2BA01# GRM1555C1H1R2CA01# |
| | | | | ±0.1pF ±0.25pF ±0.05pF | GRM1555C1H1R2BA01# GRM1555C1H1R2CA01# GRM1555C1H1R3WA01# |
| | | | | ±0.1pF ±0.25pF ±0.05pF ±0.1pF | GRM1555C1H1R2BA01# GRM1555C1H1R2CA01# GRM1555C1H1R3WA01# GRM1555C1H1R3BA01# |

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number | |
|-----------|------------------|------------|-------|---------|--------------------|---|
| 0.55mm | 50Vdc | COG | 1.4pF | ±0.25pF | GRM1555C1H1R4CA01# | |
| | | | 1.5pF | ±0.05pF | GRM1555C1H1R5WA01# | _ |
| | | | | ±0.1pF | GRM1555C1H1R5BA01# | _ |
| | | | | ±0.25pF | GRM1555C1H1R5CA01# | |
| | | | 1.6pF | ±0.05pF | GRM1555C1H1R6WA01# | |
| | | | | ±0.1pF | GRM1555C1H1R6BA01# | |
| | | | | ±0.25pF | GRM1555C1H1R6CA01# | _ |
| | | | 1.7pF | ±0.05pF | GRM1555C1H1R7WA01# | _ |
| | | | | ±0.1pF | GRM1555C1H1R7BA01# | |
| | | | | ±0.25pF | GRM1555C1H1R7CA01# | |
| | | | 1.8pF | ±0.05pF | GRM1555C1H1R8WA01# | |
| | | | | ±0.1pF | GRM1555C1H1R8BA01# | _ |
| | | | | ±0.25pF | GRM1555C1H1R8CA01# | _ |
| | | | 1.9pF | ±0.05pF | GRM1555C1H1R9WA01# | |
| | | | | ±0.1pF | GRM1555C1H1R9BA01# | _ |
| | | | | ±0.25pF | GRM1555C1H1R9CA01# | |
| | | | 2.0pF | ±0.05pF | GRM1555C1H2R0WA01# | |
| | | | | ±0.1pF | GRM1555C1H2R0BA01# | _ |
| | | | | ±0.25pF | GRM1555C1H2R0CA01# | _ |
| | | | 2.1pF | ±0.05pF | GRM1555C1H2R1WA01# | _ |
| | | | | ±0.1pF | GRM1555C1H2R1BA01# | _ |
| | | | | ±0.25pF | GRM1555C1H2R1CA01# | _ |
| | | | 2.2pF | ±0.05pF | GRM1555C1H2R2WA01# | _ |
| | | | | ±0.1pF | GRM1555C1H2R2BA01# | _ |
| | | | | ±0.25pF | GRM1555C1H2R2CA01# | _ |
| | | | 2.3pF | ±0.05pF | GRM1555C1H2R3WA01# | _ |
| | | | | ±0.1pF | GRM1555C1H2R3BA01# | |
| | | | | ±0.25pF | GRM1555C1H2R3CA01# | |
| | | | 2.4pF | ±0.05pF | GRM1555C1H2R4WA01# | |
| | | | | ±0.1pF | GRM1555C1H2R4BA01# | |
| | | | | ±0.25pF | GRM1555C1H2R4CA01# | |
| | | | 2.5pF | ±0.05pF | GRM1555C1H2R5WA01# | |
| | | | | ±0.1pF | GRM1555C1H2R5BA01# | |
| | | | | ±0.25pF | GRM1555C1H2R5CA01# | |
| | | | 2.6pF | ±0.05pF | GRM1555C1H2R6WA01# | |
| | | | | ±0.1pF | GRM1555C1H2R6BA01# | |
| | | | | ±0.25pF | GRM1555C1H2R6CA01# | |
| | | | 2.7pF | ±0.05pF | GRM1555C1H2R7WA01# | |
| | | | | ±0.1pF | GRM1555C1H2R7BA01# | |
| | | | | ±0.25pF | GRM1555C1H2R7CA01# | |
| | | | 2.8pF | ±0.05pF | GRM1555C1H2R8WA01# | |
| | | | | ±0.1pF | GRM1555C1H2R8BA01# | |
| | | | | ±0.25pF | GRM1555C1H2R8CA01# | |
| | | | 2.9pF | ±0.05pF | GRM1555C1H2R9WA01# | |
| | | | | ±0.1pF | GRM1555C1H2R9BA01# | |
| | | | | ±0.25pF | GRM1555C1H2R9CA01# | |
| | | | 3.0pF | ±0.05pF | GRM1555C1H3R0WA01# | |
| | | | | ±0.1pF | GRM1555C1H3R0BA01# | |
| | | | | ±0.25pF | GRM1555C1H3R0CA01# | |
| | | | 3.1pF | ±0.05pF | GRM1555C1H3R1WA01# | |
| | | | | ±0.1pF | GRM1555C1H3R1BA01# | |
| | | | | ±0.25pF | GRM1555C1H3R1CA01# | |
| | | | 3.2pF | ±0.05pF | GRM1555C1H3R2WA01# | |
| | | | | ±0.1pF | GRM1555C1H3R2BA01# | |



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GRM Series Temperature Compensating Type Part Number List

| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number |
|-----------|------------------|------------|-------|---------|--------------------|
| 0.55mm | 50Vdc | COG | 3.2pF | ±0.25pF | GRM1555C1H3R2CA01# |
| | | | 3.3pF | ±0.05pF | GRM1555C1H3R3WA01# |
| | | | | ±0.1pF | GRM1555C1H3R3BA01# |
| | | | | ±0.25pF | GRM1555C1H3R3CA01# |
| | | | 3.4pF | ±0.05pF | GRM1555C1H3R4WA01# |
| | | | · | ±0.1pF | GRM1555C1H3R4BA01# |
| | | | | ±0.25pF | GRM1555C1H3R4CA01# |
| | | | 3.5pF | ±0.05pF | GRM1555C1H3R5WA01# |
| | | | | ±0.1pF | GRM1555C1H3R5BA01# |
| | | | | ±0.25pF | GRM1555C1H3R5CA01# |
| | | | 3.6pF | ±0.05pF | GRM1555C1H3R6WA01# |
| | | | 0.0рі | ±0.1pF | GRM1555C1H3R6BA01# |
| | | | | | |
| | | | 0.755 | ±0.25pF | GRM1555C1H3R6CA01# |
| | | | 3.7pF | ±0.05pF | GRM1555C1H3R7WA01# |
| | | | | ±0.1pF | GRM1555C1H3R7BA01# |
| | | | 00.5 | ±0.25pF | GRM1555C1H3R7CA01# |
| | | | 3.8pF | ±0.05pF | GRM1555C1H3R8WA01# |
| | | | | ±0.1pF | GRM1555C1H3R8BA01# |
| | | | | ±0.25pF | GRM1555C1H3R8CA01# |
| | | | 3.9pF | ±0.05pF | GRM1555C1H3R9WA01# |
| | | | | ±0.1pF | GRM1555C1H3R9BA01# |
| | | | | ±0.25pF | GRM1555C1H3R9CA01# |
| | | | 4.0pF | ±0.05pF | GRM1555C1H4R0WA01# |
| | | | | ±0.1pF | GRM1555C1H4R0BA01# |
| | | | | ±0.25pF | GRM1555C1H4R0CA01# |
| | | | 4.1pF | ±0.05pF | GRM1555C1H4R1WA01# |
| | | | | ±0.1pF | GRM1555C1H4R1BA01# |
| | | | | ±0.25pF | GRM1555C1H4R1CA01# |
| | | | 4.2pF | ±0.05pF | GRM1555C1H4R2WA01# |
| | | | | ±0.1pF | GRM1555C1H4R2BA01# |
| | | | | ±0.25pF | GRM1555C1H4R2CA01# |
| | | | 4.3pF | ±0.05pF | GRM1555C1H4R3WA01# |
| | | | | ±0.1pF | GRM1555C1H4R3BA01# |
| | | | | ±0.25pF | GRM1555C1H4R3CA01# |
| | | | 4.4pF | ±0.05pF | GRM1555C1H4R4WA01# |
| | | | • | ±0.1pF | GRM1555C1H4R4BA01# |
| | | | | ±0.25pF | GRM1555C1H4R4CA01# |
| | | | 4.5pF | ±0.05pF | GRM1555C1H4R5WA01# |
| | | | -1 | ±0.1pF | GRM1555C1H4R5BA01# |
| | | | | ±0.25pF | GRM1555C1H4R5CA01# |
| | | | 4.6pF | ±0.05pF | GRM1555C1H4R6WA01# |
| | | | 1.0pi | ±0.05pi | GRM1555C1H4R6BA01# |
| | | | | | |
| | | | 47-5 | ±0.25pF | GRM1555C1H4R6CA01# |
| | | | 4.7pF | ±0.05pF | GRM1555C1H4R7WA01# |
| | | | | ±0.1pF | GRM1555C1H4R7BA01# |
| | | | 40.5 | ±0.25pF | GRM1555C1H4R7CA01# |
| | | | 4.8pF | ±0.05pF | GRM1555C1H4R8WA01# |
| | | | | ±0.1pF | GRM1555C1H4R8BA01# |
| | | | | ±0.25pF | GRM1555C1H4R8CA01# |
| | | | 4.9pF | ±0.05pF | GRM1555C1H4R9WA01# |
| | | | | ±0.1pF | GRM1555C1H4R9BA01# |
| | | | | ±0.25pF | GRM1555C1H4R9CA01# |
| | | | 5.0pF | ±0.05pF | GRM1555C1H5R0WA01# |
| | | | | ±0.1pF | GRM1555C1H5R0BA01# |

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number | |
|-----------|------------------|------------|-------|-------------------|--|--|
| 0.55mm | 50Vdc | COG | 5.0pF | ±0.25pF | GRM1555C1H5R0CA01# | |
| | | | 5.1pF | ±0.05pF | GRM1555C1H5R1WA01# | |
| | | | | ±0.1pF | GRM1555C1H5R1BA01# | |
| | | | | ±0.25pF | GRM1555C1H5R1CA01# | |
| | | | | ±0.5pF | GRM1555C1H5R1DA01# | |
| | | | 5.2pF | ±0.05pF | GRM1555C1H5R2WA01# | |
| | | | | ±0.1pF | GRM1555C1H5R2BA01# | |
| | | | | ±0.25pF | GRM1555C1H5R2CA01# | |
| | | | | ±0.5pF | GRM1555C1H5R2DA01# | |
| | | | 5.3pF | ±0.05pF | GRM1555C1H5R3WA01# | |
| | | | | ±0.1pF | GRM1555C1H5R3BA01# | |
| | | | | ±0.25pF | GRM1555C1H5R3CA01# | |
| | | | | ±0.5pF | GRM1555C1H5R3DA01# | |
| | | | 5.4pF | ±0.05pF | GRM1555C1H5R4WA01# | |
| | | | | ±0.1pF | GRM1555C1H5R4BA01# | |
| | | | | ±0.25pF | GRM1555C1H5R4CA01# | |
| | | | | ±0.5pF | GRM1555C1H5R4DA01# | |
| | | | 5.5pF | ±0.05pF | GRM1555C1H5R5WA01# | |
| | | | | ±0.1pF | GRM1555C1H5R5BA01# | |
| | | | | ±0.25pF | GRM1555C1H5R5CA01# | |
| | | | | ±0.5pF | GRM1555C1H5R5DA01# | |
| | | | 5.6pF | ±0.05pF | GRM1555C1H5R6WA01# | |
| | | | | ±0.1pF | GRM1555C1H5R6BA01# | |
| | | | | ±0.25pF | GRM1555C1H5R6CA01# | |
| | | | 5.7pF | ±0.5pF | GRM1555C1H5R6DA01# GRM1555C1H5R7WA01# | |
| | | | 3.7pi | ±0.05pF ±0.1pF | GRM1555C1H5R7BA01# | |
| | | | | ±0.25pF | GRM1555C1H5R7CA01# | |
| | | | | ±0.5pF | GRM1555C1H5R7DA01# | |
| | | | 5.8pF | ±0.05pF | GRM1555C1H5R8WA01# | |
| | | | | ±0.1pF | GRM1555C1H5R8BA01# | |
| | | | | ±0.25pF | GRM1555C1H5R8CA01# | |
| | | | | ±0.5pF | GRM1555C1H5R8DA01# | |
| | | | 5.9pF | ±0.05pF | GRM1555C1H5R9WA01# | |
| | | | • | ±0.1pF | GRM1555C1H5R9BA01# | |
| | | | | ±0.25pF | GRM1555C1H5R9CA01# | |
| | | | | ±0.5pF | GRM1555C1H5R9DA01# | |
| | | | 6.0pF | ±0.05pF | GRM1555C1H6R0WA01# | |
| | | | | ±0.1pF | GRM1555C1H6R0BA01# | |
| | | | | ±0.25pF | GRM1555C1H6R0CA01# | |
| | | | | ±0.5pF | GRM1555C1H6R0DA01# | |
| | | | 6.1pF | ±0.05pF | GRM1555C1H6R1WA01# | |
| | | | | ±0.1pF | GRM1555C1H6R1BA01# | |
| | | | | ±0.25pF | GRM1555C1H6R1CA01# | |
| | | | | ±0.5pF | GRM1555C1H6R1DA01# | |
| | | | 6.2pF | ±0.05pF | GRM1555C1H6R2WA01# | |
| | | | | ±0.1pF | GRM1555C1H6R2BA01# | |
| | | | | ±0.25pF | GRM1555C1H6R2CA01# | |
| | | | | ±0.5pF | GRM1555C1H6R2DA01# | |
| | | | 6.3pF | ±0.05pF | GRM1555C1H6R3WA01# | |
| | | | | ±0.1pF | GRM1555C1H6R3BA01# | |
| | | | | ±0.25pF | GRM1555C1H6R3CA01# | |
| | | | | ±0.5pF | GRM1555C1H6R3DA01# | |
| | | | 6.4pF | ±0.05pF | GRM1555C1H6R4WA01# | |

(→ **■** 1.0×0.5mm)

| Table | (> • 1 | .0x0.5I | 11111) | | | |
|--|---------|---------|--------|--------|---------|--------------------|
| #0.25pF GRM1555C1H6R4DA01# #0.5pF d0.05pF GRM1555C1H6R5BA01# #0.1pF GRM1555C1H6R5BA01# #0.25pF GRM1555C1H6R5BA01# #0.25pF GRM1555C1H6R6BA01# #0.25pF GRM1555C1H6R6BA01# #0.25pF GRM155SC1H6R6BA01# #0.25pF GRM155SC1H6R6BA01# #0.25pF GRM155SC1H6R6BA01# #0.25pF GRM155SC1H6R6BA01# #0.25pF GRM155SC1H6R6BA01# #0.25pF GRM155SC1H6R6DA01# #0.25pF GRM155SC1H6R7BA01# #0.25pF GRM155SC1H6R7BA01# #0.25pF GRM155SC1H6R7BA01# #0.25pF GRM155SC1H6R8WA01# #0.25pF GRM155SC1H6R8WA01# #0.25pF GRM15SSC1H6R8WA01# #0.25pF GRM15SSC1H6R8WA01# #0.25pF GRM15SSC1H6R8WA01# #0.25pF GRM15SSC1H6R8BA01# #0.25pF GRM15SSC1H6R9BA01# #0.25pF GRM15SSC1H6R9BA01# #0.25pF GRM15SSC1H6R9BA01# #0.25pF GRM15SSC1H6R9BA01# #0.25pF GRM15SSC1H6R9BA01# #0.25pF GRM15SSC1H7R0BA01# #0.25pF GRM15SSC1H7R0BA01# #0.25pF GRM15SSC1H7R0BA01# #0.25pF GRM15SSC1H7R0BA01# #0.25pF GRM15SSC1H7R0BA01# #0.25pF GRM15SSC1H7R0BA01# #0.25pF GRM15SSC1H7R1DA01# #0.25pF GRM15SSC1H7R2BA01# #0.25pF GRM15SSC1H7R3BA01# #0.25pF GRM15SSC1H7R3 | | 1 | | Сар. | Tol. | Part Number |
| ### ### ### ### ### ### ### ### ### ## | 0.55mm | 50Vdc | COG | 6.4pF | ±0.1pF | GRM1555C1H6R4BA01# |
| 6.5pF | | | | | ±0.25pF | GRM1555C1H6R4CA01# |
| #0.1pF #0.8pF GRM1555C1H6RSDA01# #0.25pF GRM1555C1H7ROBA01# #0.25pF GRM1555C1H7ROBA01# #0.25pF GRM1555C1H7ROBA01# #0.25pF GRM1555C1H7ROBA01# #0.25pF GRM1555C1H7ROBA01# #0.25pF GRM1555C1H7ROBA01# #0.25pF GRM1555C1H7R1DA01# #0.25pF GRM1555C1H7R1DA01# #0.25pF GRM1555C1H7R1DA01# #0.25pF GRM1555C1H7R1DA01# #0.25pF GRM1555C1H7R1DA01# #0.25pF GRM1555C1H7RDA01# #0.25pF GRM1555C1H7R2DA01# #0.25pF GRM1555C1H7R2DA01# #0.25pF GRM1555C1H7R3DA01# #0.25pF GRM1555C1H7R3D | | | | | ±0.5pF | GRM1555C1H6R4DA01# |
| #0.25pF GRM1555C1H6RSCA01# #0.5pF GRM1555C1H6RSWA01# #0.1pF GRM1555C1H6RGMA01# #0.25pF GRM1555C1H7RGMA01# #0.25pF GRM1555C1H7RGMA | | | | 6.5pF | ±0.05pF | GRM1555C1H6R5WA01# |
| #0.5pF GRM1555C1H6R6DA01# #0.25pF GRM1555C1H6R6CA01# #0.25pF GRM1555C1H6R6CA01# #0.5pF GRM1555C1H6R6CA01# #0.5pF GRM1555C1H6R7WA01# #0.25pF GRM1555C1H6R7WA01# #0.25pF GRM1555C1H6R7WA01# #0.25pF GRM1555C1H6R7WA01# #0.25pF GRM1555C1H6R7WA01# #0.5pF GRM1555C1H6R8WA01# #0.5pF GRM1555C1H7R0WA01# #0.5pF GRM1555C1H7R0WA01# #0.5pF GRM1555C1H7R0WA01# #0.5pF GRM1555C1H7R0WA01# #0.5pF GRM1555C1H7R0WA01# #0.5pF GRM1555C1H7R1WA01# #0.5pF GRM1555C1H7R1WA01# #0.5pF GRM1555C1H7R1WA01# #0.5pF GRM1555C1H7R2WA01# #0.5pF GRM1555C1H7R2WA01# #0.5pF GRM1555C1H7R3WA01# #0.5pF GRM1555C1H7R3WA01# #0.5pF GRM1555C1H7R3WA01# #0.5pF GRM1555C1H7R3WA01# #0.5pF GRM1555C1H7R3WA01# #0.5pF GRM1555C1H7R3WA01# #0.5pF GRM1555C1H7R3DA01# #0.5pF GRM1555C1H7R5CA01# #0.5pF GRM1555C1H7R5DA01# #0.5pF GRM1555C1H7R6DA01# #0.5pF GRM1555C1H7R6DA01# #0.5pF GRM1555C1H7R6DA01# | | | | | ±0.1pF | GRM1555C1H6R5BA01# |
| 6.6pF ±0.05pF GRM1555C1H6R6WA01# ±0.25pF GRM1555C1H6R6DA01# ±0.25pF GRM1555C1H6R6DA01# ±0.25pF GRM1555C1H6R7MA01# ±0.25pF GRM1555C1H6R7MA01# ±0.25pF GRM1555C1H6R7MA01# ±0.5pF GRM1555C1H6R8MA01# ±0.5pF GRM1555C1H6R9MA01# ±0.5pF GRM1555C1H6R9MA01# ±0.5pF GRM1555C1H6R9MA01# ±0.5pF GRM1555C1H7R0MA01# ±0.5pF GRM1555C1H7R2MA01# ±0.5pF GRM1555C1H7R2MA01# ±0.5pF GRM1555C1H7R2MA01# ±0.5pF GRM1555C1H7R2MA01# ±0.5pF GRM1555C1H7R2MA01# ±0.5pF GRM1555C1H7R3MA01# ±0.5p | | | | | ±0.25pF | GRM1555C1H6R5CA01# |
| #0.1pF GRM1555C1H6R6BA01# #0.25pF GRM1555C1H6R6CA01# #0.5pF GRM1555C1H6R7A01# #0.1pF GRM1555C1H6R7A01# #0.5pF GRM1555C1H6R7A01# #0.5pF GRM1555C1H6R7A01# #0.5pF GRM1555C1H6R7A01# #0.5pF GRM1555C1H6R8A01# #0.5pF GRM1555C1H6R9A01# #0.5pF GRM1555C1H7R0A01# #0.5pF GRM1555C1H7R0A01# #0.5pF GRM1555C1H7R0A01# #0.5pF GRM1555C1H7R0A01# #0.5pF GRM1555C1H7R0A01# #0.5pF GRM1555C1H7R1A01# #0.5pF GRM1555C1H7R1A01# #0.5pF GRM1555C1H7R1A01# #0.5pF GRM1555C1H7R2A01# #0.5pF GRM1555C1H7R2A01# #0.5pF GRM1555C1H7R3A01# #0.5pF GRM1555C1H7R3BA01# #0.5pF G | | | | | ±0.5pF | GRM1555C1H6R5DA01# |
| #0.25pF GRM1555C1H6R6CA01# #0.5pF GRM1555C1H6R6DA01# #0.1pF GRM1555C1H6R7DA01# #0.25pF GRM1555C1H6R7DA01# #0.5pF GRM1555C1H6R8DA01# #0.5pF GRM1555C1H6R8DA01# #0.25pF GRM1555C1H6R8DA01# #0.25pF GRM1555C1H6R8DA01# #0.25pF GRM1555C1H6R8DA01# #0.25pF GRM1555C1H6R8DA01# #0.25pF GRM1555C1H6R9DA01# #0.25pF GRM1555C1H6R9DA01# #0.25pF GRM1555C1H6R9DA01# #0.25pF GRM1555C1H7R0DA01# #0.25pF GRM1555C1H7R1DA01# #0.25pF GRM1555C1H7R1DA01# #0.25pF GRM1555C1H7R1DA01# #0.25pF GRM1555C1H7R2DA01# #0.25pF GRM1555C1H7R2DA01# #0.25pF GRM1555C1H7R2DA01# #0.25pF GRM1555C1H7R2DA01# #0.25pF GRM1555C1H7R2DA01# #0.25pF GRM1555C1H7R2DA01# #0.25pF GRM1555C1H7R3DA01# #0.25pF GRM1555C1H7R5DA01# #0.25pF GRM1555C1H7R6DA01# | | | 6.6pF | ±0.05pF | GRM1555C1H6R6WA01# |
| #0.5pF GRM1555C1H6R6DA01# #0.25pF GRM1555C1H6R7WA01# #0.25pF GRM1555C1H6R7BA01# #0.25pF GRM1555C1H6R8BA01# #0.25pF GRM1555C1H6R8BA01# #0.25pF GRM1555C1H6R8BA01# #0.25pF GRM1555C1H6R8BA01# #0.25pF GRM1555C1H6R8BA01# #0.25pF GRM1555C1H6R8BA01# #0.25pF GRM1555C1H6R9BA01# #0.25pF GRM1555C1H6R9BA01# #0.25pF GRM1555C1H6R9BA01# #0.25pF GRM1555C1H6R9BA01# #0.25pF GRM1555C1H7R0BA01# #0.25pF GRM1555C1H7R0BA01# #0.25pF GRM1555C1H7R0BA01# #0.5pF GRM1555C1H7R0BA01# #0.5pF GRM1555C1H7R0BA01# #0.5pF GRM1555C1H7R0BA01# #0.5pF GRM1555C1H7R0BA01# #0.5pF GRM1555C1H7R0BA01# #0.5pF GRM1555C1H7R1BA01# #0.25pF GRM1555C1H7R0BA01# # | | | | | ±0.1pF | GRM1555C1H6R6BA01# |
| #0.5pF GRM1555C1H6R6DA01# #0.25pF GRM1555C1H6R7WA01# #0.25pF GRM1555C1H6R7BA01# #0.25pF GRM1555C1H6R8BA01# #0.25pF GRM1555C1H6R8BA01# #0.25pF GRM1555C1H6R8BA01# #0.25pF GRM1555C1H6R8BA01# #0.25pF GRM1555C1H6R8BA01# #0.25pF GRM1555C1H6R8BA01# #0.25pF GRM1555C1H6R9BA01# #0.25pF GRM1555C1H6R9BA01# #0.25pF GRM1555C1H6R9BA01# #0.25pF GRM1555C1H6R9BA01# #0.25pF GRM1555C1H7R0BA01# #0.25pF GRM1555C1H7R0BA01# #0.25pF GRM1555C1H7R0BA01# #0.5pF GRM1555C1H7R0BA01# #0.5pF GRM1555C1H7R0BA01# #0.5pF GRM1555C1H7R0BA01# #0.5pF GRM1555C1H7R0BA01# #0.5pF GRM1555C1H7R0BA01# #0.5pF GRM1555C1H7R1BA01# #0.25pF GRM1555C1H7R0BA01# # | | | | | ±0.25pF | GRM1555C1H6R6CA01# |
| 6.7pF ±0.05pF GRM1555C1H6R7WA01# ±0.25pF GRM1555C1H6R8WA01# ±0.5pF GRM1555C1H6R8WA01# ±0.5pF GRM1555C1H6R8WA01# ±0.5pF GRM1555C1H6R8WA01# ±0.5pF GRM1555C1H6R8DA01# ±0.5pF GRM1555C1H6R8DA01# ±0.5pF GRM1555C1H6R8DA01# ±0.25pF GRM1555C1H6R9DA01# ±0.5pF GRM1555C1H6R9DA01# ±0.5pF GRM1555C1H6R9DA01# ±0.5pF GRM1555C1H7R0DA01# ±0.5pF GR | | | | | - | GRM1555C1H6R6DA01# |
| #0.1pF GRM1555C1H6R7BA01# #0.25pF GRM1555C1H6R7CA01# #0.5pF GRM1555C1H6R8WA01# #0.1pF GRM1555C1H6R8WA01# #0.25pF GRM1555C1H6R8WA01# #0.25pF GRM1555C1H6R8DA01# #0.5pF GRM1555C1H6R8DA01# #0.5pF GRM1555C1H6R9WA01# #0.5pF GRM1555C1H6R9WA01# #0.5pF GRM1555C1H6R9WA01# #0.5pF GRM1555C1H6R9DA01# #0.5pF GRM1555C1H6R9DA01# #0.5pF GRM1555C1H7R0WA01# #0.5pF GRM1555C1H7R0WA01# #0.5pF GRM1555C1H7R0WA01# #0.5pF GRM1555C1H7R0DA01# #0.5pF GRM1555C1H7R0DA01# #0.5pF GRM1555C1H7R0DA01# #0.5pF GRM1555C1H7R1WA01# #0.5pF GRM1555C1H7R1WA01# #0.5pF GRM1555C1H7R1WA01# #0.5pF GRM1555C1H7R1WA01# #0.5pF GRM1555C1H7R2WA01# #0.5pF GRM1555C1H7R2WA01# #0.5pF GRM1555C1H7R2WA01# #0.5pF GRM1555C1H7R2WA01# #0.5pF GRM1555C1H7R3WA01# #0.5pF GRM1555C1H7R3WA01# #0.5pF GRM1555C1H7R3WA01# #0.5pF GRM1555C1H7R3WA01# #0.5pF GRM1555C1H7R3WA01# #0.5pF GRM1555C1H7R3WA01# #0.5pF GRM1555C1H7R4WA01# #0.5pF GRM1555C1H7R4WA01# #0.5pF GRM1555C1H7R5WA01# #0.5pF GRM1555C1H7R5BA01# #0.5pF GRM1555C1H7R5BA01# #0.5pF GRM1555C1H7R5BA01# #0.5pF GRM1555C1H7R5BA01# #0.5pF GRM1555C1H7R5BA01# #0.5pF GRM1555C1H7R5BA01# #0.5pF GRM1555C1H7R6BA01# | | | | 6.7pF | - | |
| #0.25pF GRM1555C1H6R7CA01# #0.5pF GRM1555C1H6R8WA01# #0.1pF GRM1555C1H6R8BA01# #0.25pF GRM1555C1H6R8BA01# #0.25pF GRM1555C1H6R8DA01# #0.25pF GRM1555C1H6R9WA01# #0.1pF GRM1555C1H6R9BA01# #0.25pF GRM1555C1H6R9BA01# #0.25pF GRM1555C1H6R9CA01# #0.5pF GRM1555C1H6R9CA01# #0.5pF GRM1555C1H6R9CA01# #0.5pF GRM1555C1H6R9CA01# #0.5pF GRM1555C1H7R0BA01# #0.5pF GRM1555C1H7R1BA01# #0.5pF GRM1555C1H7R1BA01# #0.25pF GRM1555C1H7R2BA01# #0.25pF GRM1555C1H7R2BA01# #0.5pF GRM1555C1H7R2BA01# #0.5pF GRM1555C1H7R3BA01# #0.5pF GRM1555C1H7R3BA01# #0.5pF GRM1555C1H7R3BA01# #0.5pF GRM1555C1H7R3BA01# #0.5pF GRM1555C1H7R3BA01# #0.5pF GRM1555C1H7R3BA01# #0.5pF GRM1555C1H7R4BA01# #0.5pF GRM1555C1H7R5BA01# #0.5pF GRM1555C1H7R5BA01# #0.5pF GRM1555C1H7R5BA01# #0.5pF GRM1555C1H7R5BA01# #0.5pF GRM1555C1H7R5BA01# #0.5pF GRM1555C1H7R5BA01# #0.5pF GRM1555C1H7R6BA01# | | | | 0.7 pi | - | |
| #0.5pF GRM1555C1H6R7DA01# #0.1pF GRM1555C1H6R8WA01# #0.1pF GRM1555C1H6R8CA01# #0.5pF GRM1555C1H6R8DA01# #0.5pF GRM1555C1H6R8DA01# #0.1pF GRM1555C1H6R9WA01# #0.25pF GRM1555C1H6R9WA01# #0.25pF GRM1555C1H6R9CA01# #0.25pF GRM1555C1H6R9DA01# #0.5pF GRM1555C1H6R9DA01# #0.5pF GRM1555C1H7R0DA01# #0.1pF GRM1555C1H7R0DA01# #0.25pF GRM1555C1H7R0DA01# #0.5pF GRM1555C1H7R0DA01# #0.5pF GRM1555C1H7R0DA01# #0.5pF GRM1555C1H7R1WA01# #0.5pF GRM1555C1H7R1DA01# #0.5pF GRM1555C1H7R1DA01# #0.5pF GRM1555C1H7R2WA01# #0.5pF GRM1555C1H7R2WA01# #0.5pF GRM1555C1H7R2WA01# #0.5pF GRM1555C1H7R2DA01# #0.5pF GRM1555C1H7R3BA01# #0.5pF GRM1555C1H7R3BA01# #0.5pF GRM1555C1H7R3BA01# #0.5pF GRM1555C1H7R3DA01# #0.5pF GRM1555C1H7R4DA01# #0.5pF GRM1555C1H7R5DA01# #0.5pF GRM155C1H7R5DA01# #0.5pF GRM1555C1H7R5DA01# #0. | | | | | · · | |
| 6.8pF | | | | | - | |
| #0.1pF GRM1555C1H6R8BA01# ±0.25pF GRM1555C1H6R8CA01# ±0.5pF GRM1555C1H6R8DA01# ±0.1pF GRM1555C1H6R9BA01# ±0.25pF GRM1555C1H6R9BA01# ±0.25pF GRM1555C1H6R9DA01# ±0.25pF GRM1555C1H7R0BA01# ±0.25pF GRM1555C1H7R0BA01# ±0.25pF GRM1555C1H7R0DA01# ±0.5pF GRM1555C1H7R0DA01# ±0.5pF GRM1555C1H7R0DA01# ±0.25pF GRM1555C1H7R1DA01# ±0.25pF GRM1555C1H7R1DA01# ±0.25pF GRM1555C1H7R1DA01# ±0.25pF GRM1555C1H7R1DA01# ±0.25pF GRM1555C1H7R1DA01# ±0.25pF GRM1555C1H7R1DA01# ±0.25pF GRM1555C1H7R2DA01# ±0.25pF GRM1555C1H7R2CA01# ±0.25pF GRM1555C1H7R2CA01# ±0.25pF GRM1555C1H7R3DA01# ±0.25pF GRM1555C1H7R4DA01# ±0.25pF GRM1555C1H7R4DA01# ±0.25pF GRM1555C1H7R4DA01# ±0.25pF GRM1555C1H7R4DA01# ±0.25pF GRM1555C1H7R4DA01# ±0.25pF GRM1555C1H7R5DA01# ±0.25 | | | | C 0F | - | |
| #0.25pF GRM1555C1H6R8CA01# ±0.5pF GRM1555C1H6R9WA01# ±0.1pF GRM1555C1H6R9WA01# ±0.25pF GRM1555C1H6R9CA01# ±0.25pF GRM1555C1H6R9CA01# ±0.5pF GRM1555C1H7R0WA01# ±0.25pF GRM1555C1H7R0WA01# ±0.25pF GRM1555C1H7R0WA01# ±0.25pF GRM1555C1H7R0WA01# ±0.25pF GRM1555C1H7R0MA01# ±0.25pF GRM1555C1H7R1WA01# ±0.25pF GRM1555C1H7R1WA01# ±0.25pF GRM1555C1H7R1WA01# ±0.25pF GRM1555C1H7R1WA01# ±0.25pF GRM1555C1H7R1WA01# ±0.25pF GRM1555C1H7R2WA01# ±0.25pF GRM1555C1H7R2WA01# ±0.25pF GRM1555C1H7R2WA01# ±0.25pF GRM1555C1H7R2WA01# ±0.5pF GRM1555C1H7R3WA01# ±0.25pF GRM1555C1H7R3WA01# ±0.25pF GRM1555C1H7R3WA01# ±0.25pF GRM1555C1H7R3WA01# ±0.25pF GRM1555C1H7R3WA01# ±0.25pF GRM1555C1H7R4WA01# ±0.25pF GRM1555C1H7R4WA01# ±0.25pF GRM1555C1H7R4WA01# ±0.25pF GRM1555C1H7R5WA01# ±0.25pF GRM1555C1H7R6WA01# ±0.2 | | | | о.орг | - | |
| #0.5pF GRM1555C1H6R8DA01# #0.1pF GRM1555C1H6R9WA01# #0.1pF GRM1555C1H6R9BA01# #0.25pF GRM1555C1H6R9BA01# #0.5pF GRM1555C1H6R9BA01# #0.5pF GRM1555C1H7R0WA01# #0.25pF GRM1555C1H7R0BA01# #0.25pF GRM1555C1H7R0BA01# #0.25pF GRM1555C1H7R0DA01# #0.5pF GRM1555C1H7R0DA01# #0.5pF GRM1555C1H7R1WA01# #0.25pF GRM1555C1H7R1WA01# #0.25pF GRM1555C1H7R1DA01# #0.25pF GRM1555C1H7R1DA01# #0.25pF GRM1555C1H7R1DA01# #0.25pF GRM1555C1H7R1DA01# #0.25pF GRM1555C1H7R2WA01# #0.25pF GRM1555C1H7R2WA01# #0.25pF GRM1555C1H7R2DA01# #0.25pF GRM1555C1H7R2DA01# #0.25pF GRM1555C1H7R3WA01# #0.25pF GRM1555C1H7R3WA01# #0.25pF GRM1555C1H7R3DA01# #0.25pF GRM1555C1H7R3DA01# #0.25pF GRM1555C1H7R3DA01# #0.25pF GRM1555C1H7R4WA01# #0.25pF GRM1555C1H7R4WA01# #0.25pF GRM1555C1H7R4DA01# #0.25pF GRM1555C1H7R4DA01# #0.25pF GRM1555C1H7R4DA01# #0.25pF GRM1555C1H7R5BA01# #0.25pF GRM1555C1H7R5BA01# #0.25pF GRM1555C1H7R5BA01# #0.25pF GRM1555C1H7R5DA01# #0.25pF GRM1555C1H7R6BA01# | | | | | | |
| 6.9pF | | | | | | |
| #0.1pF GRM1555C1H6R9BA01# #0.25pF GRM1555C1H6R9CA01# #0.5pF GRM1555C1H7R0WA01# #0.1pF GRM1555C1H7R0BA01# #0.25pF GRM1555C1H7R0BA01# #0.25pF GRM1555C1H7R0BA01# #0.25pF GRM1555C1H7R0DA01# #0.25pF GRM1555C1H7R1WA01# #0.25pF GRM1555C1H7R1BA01# #0.25pF GRM1555C1H7R1DA01# #0.25pF GRM1555C1H7R1DA01# #0.25pF GRM1555C1H7R1DA01# #0.25pF GRM1555C1H7R1DA01# #0.25pF GRM1555C1H7R2WA01# #0.25pF GRM1555C1H7R2WA01# #0.25pF GRM1555C1H7R2DA01# #0.25pF GRM1555C1H7R3DA01# #0.25pF GRM1555C1H7R3DA01# #0.25pF GRM1555C1H7R3DA01# #0.25pF GRM1555C1H7R3DA01# #0.25pF GRM1555C1H7R3DA01# #0.5pF GRM1555C1H7R3DA01# #0.5pF GRM1555C1H7R4DA01# #0.25pF GRM1555C1H7R4DA01# #0.25pF GRM1555C1H7R4DA01# #0.25pF GRM1555C1H7R4DA01# #0.25pF GRM1555C1H7R5DA01# #0.5pF GRM1555C1H7R5DA01# #0.5pF GRM1555C1H7R5DA01# #0.5pF GRM1555C1H7R5DA01# #0.5pF GRM1555C1H7R5DA01# #0.5pF GRM1555C1H7R6BA01# #0.5pF GRM1555C1H7R6BA01# #0.5pF GRM155C1H7R6BA01# #0.5pF GRM1555C1H7R6BA01# #0.5pF GRM1555C1H7R6BA01# #0.5pF GRM1555C1H7R6BA01# #0.5pF GRM1555C1H7R6BA01# #0.5pF GRM155C1H7R6BA01# #0.5pF GRM1555C1H7R6BA01# | | | | | | |
| #0.25pF GRM1555C1H6R9CA01# #0.5pF GRM1555C1H6R9DA01# #0.1pF GRM1555C1H7R0WA01# #0.25pF GRM1555C1H7R0DA01# #0.25pF GRM1555C1H7R0DA01# #0.5pF GRM1555C1H7R0DA01# #0.5pF GRM1555C1H7R1WA01# #0.1pF GRM1555C1H7R1WA01# #0.5pF GRM1555C1H7R1DA01# #0.5pF GRM1555C1H7R1DA01# #0.5pF GRM1555C1H7R1DA01# #0.5pF GRM1555C1H7R1DA01# #0.5pF GRM1555C1H7R2WA01# #0.5pF GRM1555C1H7R2WA01# #0.5pF GRM1555C1H7R2DA01# #0.5pF GRM1555C1H7R2DA01# #0.5pF GRM1555C1H7R3WA01# #0.1pF GRM1555C1H7R3WA01# #0.5pF GRM1555C1H7R3DA01# #0.5pF GRM1555C1H7R3DA01# #0.5pF GRM1555C1H7R4WA01# #0.5pF GRM1555C1H7R4DA01# #0.5pF GRM1555C1H7R4DA01# #0.5pF GRM1555C1H7R4DA01# #0.5pF GRM1555C1H7R5BA01# #0.5pF GRM1555C1H7R5BA01# #0.5pF GRM1555C1H7R5DA01# #0.1pF GRM1555C1H7R5DA01# #0.5pF GRM1555C1H7R6CA01# #0.5pF GRM1555C1H7R7BA01# | | | | 6.9pF | ±0.05pF | GRM1555C1H6R9WA01# |
| #0.5pF GRM1555C1H7R0WA01# #0.1pF GRM1555C1H7R0WA01# #0.25pF GRM1555C1H7R0BA01# #0.25pF GRM1555C1H7R0DA01# #0.5pF GRM1555C1H7R1WA01# #0.1pF GRM1555C1H7R1WA01# #0.1pF GRM1555C1H7R1DA01# #0.5pF GRM1555C1H7R1DA01# #0.5pF GRM1555C1H7R1DA01# #0.5pF GRM1555C1H7R1DA01# #0.1pF GRM1555C1H7R1DA01# #0.1pF GRM1555C1H7R2WA01# #0.5pF GRM1555C1H7R2WA01# #0.5pF GRM1555C1H7R2DA01# #0.5pF GRM1555C1H7R3WA01# #0.1pF GRM1555C1H7R3WA01# #0.1pF GRM1555C1H7R3WA01# #0.5pF GRM1555C1H7R3DA01# #0.5pF GRM1555C1H7R3DA01# #0.5pF GRM1555C1H7R4WA01# #0.5pF GRM1555C1H7R4WA01# #0.5pF GRM1555C1H7R4DA01# #0.5pF GRM1555C1H7R4DA01# #0.5pF GRM1555C1H7R5BA01# #0.25pF GRM1555C1H7R5BA01# #0.25pF GRM1555C1H7R5DA01# #0.1pF GRM1555C1H7R5DA01# #0.1pF GRM1555C1H7R6CA01# #0.5pF GRM1555C1H7R7BA01# | | | | | ±0.1pF | GRM1555C1H6R9BA01# |
| 7.0pF ±0.05pF GRM1555C1H7R0WA01# ±0.1pF GRM1555C1H7R0BA01# ±0.25pF GRM1555C1H7R0DA01# ±0.05pF GRM1555C1H7R0DA01# ±0.05pF GRM1555C1H7R1WA01# ±0.1pF GRM1555C1H7R1BA01# ±0.25pF GRM1555C1H7R1DA01# ±0.5pF GRM1555C1H7R1DA01# ±0.5pF GRM1555C1H7R1DA01# ±0.1pF GRM1555C1H7R2WA01# ±0.25pF GRM1555C1H7R2WA01# ±0.25pF GRM1555C1H7R2DA01# ±0.25pF GRM1555C1H7R2DA01# ±0.5pF GRM1555C1H7R3WA01# ±0.1pF GRM1555C1H7R3WA01# ±0.1pF GRM1555C1H7R3DA01# ±0.05pF GRM1555C1H7R3DA01# ±0.05pF GRM1555C1H7R4WA01# ±0.05pF GRM1555C1H7R4WA01# ±0.05pF GRM1555C1H7R4WA01# ±0.1pF GRM1555C1H7R4WA01# ±0.25pF GRM1555C1H7R4DA01# ±0.25pF GRM1555C1H7R5WA01# ±0.5pF GRM1555C1H7R5DA01# ±0.05pF GRM1555C1H7R5DA01# ±0.5pF GRM1555C1H7R6WA01# ±0.5pF GRM1555C1H7R6WA01# ±0.5pF GRM1555C1H7R6WA01# ±0.5pF GRM1555C1H7R6WA01# ±0.5pF GRM1555C1H7R6WA01# ±0.5pF GRM1555C1H7R6BA01# | | | | | ±0.25pF | GRM1555C1H6R9CA01# |
| #0.1pF GRM1555C1H7R0BA01# #0.25pF GRM1555C1H7R0CA01# #0.5pF GRM1555C1H7R0DA01# 7.1pF #0.05pF GRM1555C1H7R1WA01# #0.1pF GRM1555C1H7R1BA01# #0.25pF GRM1555C1H7R1CA01# #0.25pF GRM1555C1H7R1CA01# #0.5pF GRM1555C1H7R1DA01# 7.2pF #0.05pF GRM1555C1H7R2WA01# #0.1pF GRM1555C1H7R2WA01# #0.25pF GRM1555C1H7R2DA01# #0.5pF GRM1555C1H7R2DA01# #0.1pF GRM1555C1H7R3WA01# #0.1pF GRM1555C1H7R3WA01# #0.1pF GRM1555C1H7R3DA01# #0.25pF GRM1555C1H7R3DA01# #0.5pF GRM1555C1H7R4WA01# #0.1pF GRM1555C1H7R4WA01# #0.1pF GRM1555C1H7R4WA01# #0.25pF GRM1555C1H7R4WA01# #0.25pF GRM1555C1H7R5DA01# #0.25pF GRM1555C1H7R5WA01# #0.25pF GRM1555C1H7R5WA01# #0.25pF GRM1555C1H7R5WA01# #0.25pF GRM1555C1H7R5WA01# #0.25pF GRM1555C1H7R5WA01# #0.25pF GRM1555C1H7R5WA01# #0.25pF GRM1555C1H7R6WA01# #0.25pF GRM1555C1H7R6WA01# #0.25pF GRM1555C1H7R6WA01# #0.5pF GRM1555C1H7R6WA01# #0.5pF GRM1555C1H7R6MA01# #0.5pF GRM1555C1H7R6DA01# | | | | | ±0.5pF | GRM1555C1H6R9DA01# |
| #0.25pF GRM1555C1H7R0CA01# #0.5pF GRM1555C1H7R0DA01# 7.1pF #0.05pF GRM1555C1H7R1WA01# #0.1pF GRM1555C1H7R1BA01# #0.25pF GRM1555C1H7R1CA01# #0.5pF GRM1555C1H7R1DA01# 7.2pF #0.05pF GRM1555C1H7R2WA01# #0.1pF GRM1555C1H7R2WA01# #0.5pF GRM1555C1H7R2DA01# #0.5pF GRM1555C1H7R2DA01# #0.5pF GRM1555C1H7R3WA01# #0.1pF GRM155C1H7R3WA01# #0.1pF GRM1555C1H7R3WA01# #0.25pF GRM1555C1H7R3CA01# #0.25pF GRM1555C1H7R3CA01# #0.5pF GRM1555C1H7R3DA01# 7.4pF #0.05pF GRM1555C1H7R4WA01# #0.1pF GRM1555C1H7R4WA01# #0.5pF GRM1555C1H7R4DA01# #0.5pF GRM1555C1H7R5WA01# #0.5pF GRM1555C1H7R5WA01# #0.1pF GRM1555C1H7R5WA01# #0.25pF GRM1555C1H7R5WA01# #0.25pF GRM1555C1H7R5WA01# #0.25pF GRM1555C1H7R5WA01# #0.25pF GRM1555C1H7R5CA01# #0.25pF GRM1555C1H7R6WA01# #0.5pF GRM1555C1H7R6WA01# #0.5pF GRM1555C1H7R6WA01# #0.5pF GRM1555C1H7R6WA01# #0.5pF GRM1555C1H7R6WA01# #0.5pF GRM1555C1H7R6DA01# | | | | 7.0pF | ±0.05pF | GRM1555C1H7R0WA01# |
| #0.5pF GRM1555C1H7R0DA01# 7.1pF | | | | | ±0.1pF | GRM1555C1H7R0BA01# |
| 7.1pF ±0.05pF GRM1555C1H7R1WA01# ±0.25pF GRM1555C1H7R1DA01# ±0.5pF GRM1555C1H7R1DA01# ±0.5pF GRM1555C1H7R2WA01# ±0.1pF GRM1555C1H7R2WA01# ±0.25pF GRM1555C1H7R2DA01# ±0.5pF GRM1555C1H7R2DA01# ±0.5pF GRM1555C1H7R3WA01# ±0.1pF GRM1555C1H7R3WA01# ±0.25pF GRM1555C1H7R3DA01# ±0.25pF GRM1555C1H7R3DA01# ±0.5pF GRM1555C1H7R3DA01# ±0.5pF GRM1555C1H7R3DA01# ±0.25pF GRM1555C1H7R4WA01# ±0.25pF GRM1555C1H7R4DA01# ±0.5pF GRM1555C1H7R4DA01# ±0.5pF GRM1555C1H7R5WA01# ±0.5pF GRM1555C1H7R5WA01# ±0.5pF GRM1555C1H7R5WA01# ±0.5pF GRM1555C1H7R5WA01# ±0.5pF GRM1555C1H7R5DA01# ±0.25pF GRM1555C1H7R5DA01# ±0.25pF GRM1555C1H7R5DA01# ±0.5pF GRM1555C1H7R5DA01# ±0.5pF GRM1555C1H7R6WA01# ±0.5pF GRM1555C1H7R6WA01# ±0.25pF GRM1555C1H7R6WA01# ±0.25pF GRM1555C1H7R6DA01# ±0.5pF GRM1555C1H7R6DA01# | | | | | ±0.25pF | GRM1555C1H7R0CA01# |
| #0.1pF GRM1555C1H7R1BA01# #0.25pF GRM1555C1H7R1CA01# #0.5pF GRM1555C1H7R1DA01# 7.2pF #0.05pF GRM1555C1H7R2WA01# #0.1pF GRM1555C1H7R2BA01# #0.25pF GRM1555C1H7R2DA01# #0.5pF GRM1555C1H7R3DA01# #0.1pF GRM1555C1H7R3DA01# #0.25pF GRM1555C1H7R3DA01# #0.5pF GRM1555C1H7R3DA01# #0.5pF GRM1555C1H7R3DA01# #0.1pF GRM1555C1H7R3DA01# #0.1pF GRM1555C1H7R4DA01# #0.1pF GRM1555C1H7R4DA01# #0.5pF GRM1555C1H7R4DA01# #0.5pF GRM1555C1H7R4DA01# #0.5pF GRM1555C1H7R4DA01# #0.5pF GRM1555C1H7R5DA01# #0.5pF GRM1555C1H7R5DA01# #0.5pF GRM1555C1H7R5DA01# #0.5pF GRM1555C1H7R6DA01# #0.5pF GRM1555C1H7R6DA01# #0.5pF GRM1555C1H7R6DA01# #0.5pF GRM1555C1H7R6DA01# #0.5pF GRM1555C1H7R6DA01# #0.5pF GRM1555C1H7R6DA01# #0.5pF GRM1555C1H7R7DA01# | | | | | ±0.5pF | GRM1555C1H7R0DA01# |
| #0.25pF GRM1555C1H7R1CA01# #0.5pF GRM1555C1H7R1DA01# 7.2pF #0.05pF GRM1555C1H7R2WA01# #0.1pF GRM1555C1H7R2BA01# #0.25pF GRM1555C1H7R2CA01# #0.5pF GRM1555C1H7R2DA01# #0.1pF GRM1555C1H7R3WA01# #0.1pF GRM1555C1H7R3WA01# #0.25pF GRM1555C1H7R3DA01# #0.25pF GRM1555C1H7R3DA01# #0.5pF GRM1555C1H7R3DA01# #0.1pF GRM1555C1H7R3DA01# #0.1pF GRM1555C1H7R4WA01# #0.1pF GRM1555C1H7R4DA01# #0.25pF GRM1555C1H7R4DA01# #0.5pF GRM1555C1H7R5DA01# #0.5pF GRM1555C1H7R5DA01# #0.5pF GRM1555C1H7R5DA01# #0.5pF GRM1555C1H7R5DA01# #0.5pF GRM1555C1H7R5DA01# #0.5pF GRM1555C1H7R6DA01# #0.5pF GRM1555C1H7R6DA01# #0.5pF GRM1555C1H7R6DA01# #0.25pF GRM1555C1H7R6DA01# #0.25pF GRM1555C1H7R6DA01# #0.25pF GRM1555C1H7R6DA01# #0.5pF GRM1555C1H7R6DA01# #0.5pF GRM1555C1H7R6DA01# #0.5pF GRM1555C1H7R6DA01# #0.5pF GRM1555C1H7R6DA01# #0.5pF GRM1555C1H7R7BA01# | | | | 7.1pF | ±0.05pF | GRM1555C1H7R1WA01# |
| #0.5pF GRM1555C1H7R1DA01# #0.1pF GRM1555C1H7R2WA01# #0.25pF GRM1555C1H7R2BA01# #0.5pF GRM1555C1H7R2DA01# #0.5pF GRM1555C1H7R2DA01# #0.5pF GRM1555C1H7R3WA01# #0.1pF GRM1555C1H7R3WA01# #0.25pF GRM1555C1H7R3DA01# #0.5pF GRM1555C1H7R3DA01# #0.5pF GRM1555C1H7R3DA01# #0.1pF GRM1555C1H7R3DA01# #0.1pF GRM1555C1H7R4WA01# #0.1pF GRM1555C1H7R4WA01# #0.25pF GRM1555C1H7R4DA01# #0.5pF GRM1555C1H7R4DA01# #0.5pF GRM1555C1H7R5WA01# #0.1pF GRM1555C1H7R5WA01# #0.1pF GRM1555C1H7R5DA01# #0.25pF GRM1555C1H7R5DA01# #0.25pF GRM1555C1H7R5DA01# #0.25pF GRM1555C1H7R6DA01# #0.1pF GRM1555C1H7R6BA01# #0.25pF GRM1555C1H7R6BA01# #0.25pF GRM1555C1H7R6DA01# #0.25pF GRM1555C1H7R6DA01# #0.25pF GRM1555C1H7R6DA01# #0.25pF GRM1555C1H7R6DA01# #0.25pF GRM1555C1H7R6DA01# #0.5pF GRM1555C1H7R6DA01# #0.5pF GRM1555C1H7R6DA01# #0.5pF GRM1555C1H7R7BA01# | | | | | ±0.1pF | GRM1555C1H7R1BA01# |
| 7.2pF ±0.05pF GRM1555C1H7R2WA01# ±0.1pF GRM1555C1H7R2BA01# ±0.25pF GRM1555C1H7R2CA01# ±0.5pF GRM1555C1H7R2DA01# 7.3pF ±0.05pF GRM1555C1H7R3WA01# ±0.1pF GRM1555C1H7R3BA01# ±0.25pF GRM1555C1H7R3DA01# ±0.5pF GRM1555C1H7R3DA01# 10.05pF GRM1555C1H7R3DA01# 20.25pF GRM1555C1H7R4WA01# ±0.1pF GRM1555C1H7R4BA01# ±0.25pF GRM1555C1H7R4DA01# 10.25pF GRM1555C1H7R4DA01# 20.25pF GRM1555C1H7R5WA01# ±0.1pF GRM1555C1H7R5WA01# ±0.1pF GRM1555C1H7R5BA01# 10.25pF GRM1555C1H7R5DA01# 20.25pF GRM1555C1H7R5DA01# 20.25pF GRM1555C1H7R6DA01# 20.25pF GRM1555C1H7R6DA01# 20.25pF GRM1555C1H7R6BA01# 20.25pF GRM1555C1H7R6BA01# 20.25pF GRM1555C1H7R6DA01# | | | | | ±0.25pF | GRM1555C1H7R1CA01# |
| #0.1pF GRM1555C1H7R2BA01# #0.25pF GRM1555C1H7R2CA01# #0.5pF GRM1555C1H7R2DA01# #0.1pF GRM1555C1H7R3WA01# #0.1pF GRM1555C1H7R3BA01# #0.25pF GRM1555C1H7R3CA01# #0.25pF GRM1555C1H7R3DA01# #0.5pF GRM1555C1H7R3DA01# #0.1pF GRM1555C1H7R4WA01# #0.1pF GRM1555C1H7R4BA01# #0.25pF GRM1555C1H7R4DA01# #0.25pF GRM1555C1H7R4DA01# #0.5pF GRM1555C1H7R4DA01# #0.1pF GRM1555C1H7R5WA01# #0.1pF GRM1555C1H7R5WA01# #0.25pF GRM1555C1H7R5CA01# #0.25pF GRM1555C1H7R5DA01# #0.25pF GRM1555C1H7R6DA01# #0.1pF GRM1555C1H7R6DA01# #0.25pF GRM1555C1H7R6DA01# #0.5pF GRM1555C1H7R6DA01# #0.5pF GRM1555C1H7R7DA01# | | | | | ±0.5pF | GRM1555C1H7R1DA01# |
| #0.25pF GRM1555C1H7R2CA01# #0.5pF GRM1555C1H7R2DA01# 7.3pF #0.05pF GRM1555C1H7R3WA01# #0.1pF GRM1555C1H7R3BA01# #0.25pF GRM1555C1H7R3CA01# #0.5pF GRM1555C1H7R3DA01# #0.5pF GRM1555C1H7R3DA01# #0.1pF GRM1555C1H7R4WA01# #0.25pF GRM1555C1H7R4DA01# #0.5pF GRM1555C1H7R4DA01# #0.5pF GRM1555C1H7R4DA01# #0.5pF GRM1555C1H7R5WA01# #0.1pF GRM1555C1H7R5WA01# #0.25pF GRM1555C1H7R5DA01# #0.25pF GRM1555C1H7R5DA01# #0.25pF GRM1555C1H7R5DA01# #0.5pF GRM1555C1H7R6WA01# #0.1pF GRM1555C1H7R6WA01# #0.5pF GRM1555C1H7R6WA01# #0.5pF GRM1555C1H7R6BA01# #0.25pF GRM1555C1H7R6DA01# #0.25pF GRM1555C1H7R6DA01# #0.25pF GRM1555C1H7R6DA01# #0.5pF GRM1555C1H7R6DA01# #0.1pF GRM1555C1H7R6DA01# #0.1pF GRM1555C1H7R7BA01# | | | | 7.2pF | ±0.05pF | GRM1555C1H7R2WA01# |
| #0.25pF GRM1555C1H7R2CA01# #0.5pF GRM1555C1H7R2DA01# 7.3pF #0.05pF GRM1555C1H7R3WA01# #0.1pF GRM1555C1H7R3BA01# #0.25pF GRM1555C1H7R3CA01# #0.5pF GRM1555C1H7R3DA01# #0.5pF GRM1555C1H7R3DA01# #0.1pF GRM1555C1H7R4WA01# #0.25pF GRM1555C1H7R4DA01# #0.5pF GRM1555C1H7R4DA01# #0.5pF GRM1555C1H7R4DA01# #0.5pF GRM1555C1H7R5WA01# #0.1pF GRM1555C1H7R5WA01# #0.25pF GRM1555C1H7R5DA01# #0.25pF GRM1555C1H7R5DA01# #0.25pF GRM1555C1H7R5DA01# #0.5pF GRM1555C1H7R6WA01# #0.1pF GRM1555C1H7R6WA01# #0.5pF GRM1555C1H7R6WA01# #0.5pF GRM1555C1H7R6BA01# #0.25pF GRM1555C1H7R6DA01# #0.25pF GRM1555C1H7R6DA01# #0.25pF GRM1555C1H7R6DA01# #0.5pF GRM1555C1H7R6DA01# #0.1pF GRM1555C1H7R6DA01# #0.1pF GRM1555C1H7R7BA01# | | | | | ±0.1pF | GRM1555C1H7R2BA01# |
| 7.3pF ±0.05pF GRM1555C1H7R3WA01# ±0.1pF GRM1555C1H7R3BA01# ±0.25pF GRM1555C1H7R3DA01# ±0.5pF GRM1555C1H7R3DA01# ±0.05pF GRM1555C1H7R4WA01# ±0.1pF GRM1555C1H7R4BA01# ±0.25pF GRM1555C1H7R4DA01# ±0.5pF GRM1555C1H7R4DA01# ±0.5pF GRM1555C1H7R5WA01# ±0.1pF GRM1555C1H7R5BA01# ±0.1pF GRM1555C1H7R5DA01# ±0.25pF GRM1555C1H7R5DA01# ±0.5pF GRM1555C1H7R5DA01# ±0.5pF GRM1555C1H7R6DA01# ±0.1pF GRM1555C1H7R6BA01# ±0.1pF GRM1555C1H7R6BA01# ±0.5pF GRM1555C1H7R6DA01# ±0.5pF GRM1555C1H7R6DA01# ±0.5pF GRM1555C1H7R6DA01# ±0.5pF GRM1555C1H7R6DA01# ±0.5pF GRM1555C1H7R6DA01# ±0.5pF GRM1555C1H7R6DA01# ±0.5pF GRM1555C1H7R7DA01# | | | | | | |
| 7.3pF ±0.05pF GRM1555C1H7R3WA01# ±0.1pF GRM1555C1H7R3BA01# ±0.25pF GRM1555C1H7R3DA01# ±0.5pF GRM1555C1H7R3DA01# ±0.05pF GRM1555C1H7R4WA01# ±0.1pF GRM1555C1H7R4BA01# ±0.25pF GRM1555C1H7R4DA01# ±0.5pF GRM1555C1H7R4DA01# ±0.5pF GRM1555C1H7R5WA01# ±0.1pF GRM1555C1H7R5BA01# ±0.1pF GRM1555C1H7R5DA01# ±0.25pF GRM1555C1H7R5DA01# ±0.5pF GRM1555C1H7R5DA01# ±0.5pF GRM1555C1H7R6DA01# ±0.1pF GRM1555C1H7R6BA01# ±0.1pF GRM1555C1H7R6BA01# ±0.5pF GRM1555C1H7R6DA01# ±0.5pF GRM1555C1H7R6DA01# ±0.5pF GRM1555C1H7R6DA01# ±0.5pF GRM1555C1H7R6DA01# ±0.5pF GRM1555C1H7R6DA01# ±0.5pF GRM1555C1H7R6DA01# ±0.5pF GRM1555C1H7R7DA01# | | | | | ±0.5pF | GRM1555C1H7R2DA01# |
| #0.1pF GRM1555C1H7R3BA01# #0.25pF GRM1555C1H7R3CA01# #0.5pF GRM1555C1H7R3DA01# 7.4pF #0.05pF GRM1555C1H7R4WA01# #0.1pF GRM1555C1H7R4BA01# #0.25pF GRM1555C1H7R4CA01# #0.5pF GRM1555C1H7R4DA01# 7.5pF #0.05pF GRM1555C1H7R5WA01# #0.1pF GRM1555C1H7R5WA01# #0.25pF GRM1555C1H7R5CA01# #0.25pF GRM1555C1H7R5DA01# 7.6pF #0.05pF GRM1555C1H7R5DA01# #0.1pF GRM1555C1H7R6WA01# #0.1pF GRM1555C1H7R6BA01# #0.25pF GRM1555C1H7R6BA01# #0.25pF GRM1555C1H7R6BA01# #0.25pF GRM1555C1H7R6DA01# #0.25pF GRM1555C1H7R6DA01# #0.25pF GRM1555C1H7R6DA01# #0.25pF GRM1555C1H7R6DA01# #0.5pF GRM1555C1H7R7BA01# | | | | 7.3pF | - | GRM1555C1H7R3WA01# |
| #0.25pF GRM1555C1H7R3CA01# #0.5pF GRM1555C1H7R3DA01# 7.4pF #0.05pF GRM1555C1H7R4WA01# #0.1pF GRM1555C1H7R4BA01# #0.25pF GRM1555C1H7R4CA01# #0.5pF GRM1555C1H7R4DA01# 7.5pF #0.05pF GRM1555C1H7R5WA01# #0.1pF GRM1555C1H7R5WA01# #0.25pF GRM1555C1H7R5CA01# #0.25pF GRM1555C1H7R5CA01# #0.5pF GRM1555C1H7R5DA01# 7.6pF #0.05pF GRM1555C1H7R6WA01# #0.1pF GRM1555C1H7R6BA01# #0.25pF GRM1555C1H7R6BA01# #0.25pF GRM1555C1H7R6CA01# #0.25pF GRM1555C1H7R6CA01# #0.25pF GRM1555C1H7R6DA01# #0.25pF GRM1555C1H7R6DA01# #0.05pF GRM1555C1H7R6DA01# #0.05pF GRM1555C1H7R7WA01# #0.1pF GRM1555C1H7R7WA01# | | | | 7.opP | - | |
| #0.5pF GRM1555C1H7R3DA01# 7.4pF #0.05pF GRM1555C1H7R4WA01# #0.1pF GRM1555C1H7R4BA01# #0.25pF GRM1555C1H7R4DA01# #0.5pF GRM1555C1H7R4DA01# #0.5pF GRM1555C1H7R5WA01# #0.1pF GRM1555C1H7R5BA01# #0.25pF GRM1555C1H7R5DA01# #0.25pF GRM1555C1H7R5DA01# #0.5pF GRM1555C1H7R6WA01# #0.1pF GRM1555C1H7R6WA01# #0.1pF GRM1555C1H7R6BA01# #0.25pF GRM1555C1H7R6BA01# #0.25pF GRM1555C1H7R6DA01# #0.25pF GRM1555C1H7R6DA01# #0.25pF GRM1555C1H7R6DA01# #0.25pF GRM1555C1H7R6DA01# #0.1pF GRM1555C1H7R7BA01# | | | | | | |
| 7.4pF ±0.05pF GRM1555C1H7R4WA01# ±0.1pF GRM1555C1H7R4BA01# ±0.25pF GRM1555C1H7R4DA01# ±0.5pF GRM1555C1H7R4DA01# ±0.5pF GRM1555C1H7R5WA01# ±0.1pF GRM1555C1H7R5BA01# ±0.25pF GRM1555C1H7R5DA01# ±0.5pF GRM1555C1H7R5DA01# ±0.5pF GRM1555C1H7R6DA01# ±0.1pF GRM1555C1H7R6BA01# ±0.1pF GRM1555C1H7R6BA01# ±0.25pF GRM1555C1H7R6DA01# ±0.25pF GRM1555C1H7R6DA01# ±0.5pF GRM1555C1H7R6DA01# ±0.5pF GRM1555C1H7R6DA01# ±0.5pF GRM1555C1H7R7BA01# | | | | | - | |
| #0.1pF GRM1555C1H7R4BA01# #0.25pF GRM1555C1H7R4CA01# #0.5pF GRM1555C1H7R4DA01# 7.5pF #0.05pF GRM1555C1H7R5WA01# #0.1pF GRM1555C1H7R5BA01# #0.25pF GRM1555C1H7R5CA01# #0.5pF GRM1555C1H7R5DA01# #0.5pF GRM1555C1H7R5DA01# #0.1pF GRM1555C1H7R6WA01# #0.1pF GRM1555C1H7R6BA01# #0.25pF GRM1555C1H7R6CA01# #0.25pF GRM1555C1H7R6CA01# #0.25pF GRM1555C1H7R6DA01# #0.5pF GRM1555C1H7R7WA01# #0.1pF GRM1555C1H7R7WA01# | | | | 7 4nF | - | |
| ±0.25pF GRM1555C1H7R4CA01# ±0.5pF GRM1555C1H7R4DA01# 7.5pF ±0.05pF GRM1555C1H7R5WA01# ±0.1pF GRM1555C1H7R5BA01# ±0.25pF GRM1555C1H7R5CA01# ±0.5pF GRM1555C1H7R5DA01# 7.6pF ±0.05pF GRM1555C1H7R6WA01# ±0.1pF GRM1555C1H7R6BA01# ±0.25pF GRM1555C1H7R6CA01# ±0.25pF GRM1555C1H7R6CA01# ±0.5pF GRM1555C1H7R6DA01# ±0.5pF GRM1555C1H7R6DA01# ±0.5pF GRM1555C1H7R7WA01# ±0.1pF GRM1555C1H7R7WA01# | | | | اط+. ، | - | |
| ### ### ############################## | | | | | | |
| 7.5pF ±0.05pF GRM1555C1H7R5WA01# ±0.1pF GRM1555C1H7R5BA01# ±0.25pF GRM1555C1H7R5CA01# ±0.5pF GRM1555C1H7R5DA01# 7.6pF ±0.05pF GRM1555C1H7R6WA01# ±0.1pF GRM1555C1H7R6BA01# ±0.25pF GRM1555C1H7R6CA01# ±0.5pF GRM1555C1H7R6DA01# ±0.5pF GRM1555C1H7R6DA01# ±0.5pF GRM1555C1H7R7BA01# | | | | | - | |
| #0.1pF GRM1555C1H7R5BA01# #0.25pF GRM1555C1H7R5CA01# #0.5pF GRM1555C1H7R5DA01# 7.6pF #0.05pF GRM1555C1H7R6WA01# #0.1pF GRM1555C1H7R6BA01# #0.25pF GRM1555C1H7R6CA01# #0.5pF GRM1555C1H7R6DA01# #0.5pF GRM1555C1H7R6DA01# #0.05pF GRM1555C1H7R7WA01# #0.1pF GRM1555C1H7R7BA01# | | | | 75-5 | - | |
| ±0.25pF GRM1555C1H7R5CA01# ±0.5pF GRM1555C1H7R5DA01# 7.6pF ±0.05pF GRM1555C1H7R6WA01# ±0.1pF GRM1555C1H7R6BA01# ±0.25pF GRM1555C1H7R6CA01# ±0.5pF GRM1555C1H7R6DA01# 7.7pF ±0.05pF GRM1555C1H7R7WA01# ±0.1pF GRM1555C1H7R7BA01# | | | | 7.5pF | - | |
| #0.5pF GRM1555C1H7R5DA01# 7.6pF #0.05pF GRM1555C1H7R6WA01# #0.1pF GRM1555C1H7R6BA01# #0.25pF GRM1555C1H7R6CA01# #0.5pF GRM1555C1H7R6DA01# 7.7pF #0.05pF GRM1555C1H7R7WA01# #0.1pF GRM1555C1H7R7BA01# | | | | | | |
| 7.6pF ±0.05pF GRM1555C1H7R6WA01# ±0.1pF GRM1555C1H7R6BA01# ±0.25pF GRM1555C1H7R6CA01# ±0.5pF GRM1555C1H7R6DA01# 7.7pF ±0.05pF GRM1555C1H7R7WA01# ±0.1pF GRM1555C1H7R7BA01# | | | | | - | |
| ±0.1pF GRM1555C1H7R6BA01# ±0.25pF GRM1555C1H7R6CA01# ±0.5pF GRM1555C1H7R6DA01# 7.7pF ±0.05pF GRM1555C1H7R7WA01# ±0.1pF GRM1555C1H7R7BA01# | | | | | - | |
| ±0.25pF GRM1555C1H7R6CA01# ±0.5pF GRM1555C1H7R6DA01# 7.7pF ±0.05pF GRM1555C1H7R7WA01# ±0.1pF GRM1555C1H7R7BA01# | | | | 7.6pF | - | |
| ±0.5pF | | | | | ±0.1pF | GRM1555C1H7R6BA01# |
| 7.7pF ±0.05pF GRM1555C1H7R7WA01# ±0.1pF GRM1555C1H7R7BA01# | | | | | ±0.25pF | GRM1555C1H7R6CA01# |
| ±0.1pF GRM1555C1H7R7BA01# | | | | | ±0.5pF | GRM1555C1H7R6DA01# |
| | | | | 7.7pF | ±0.05pF | GRM1555C1H7R7WA01# |
| ±0.25pF GRM1555C1H7R7CA01# | | | | | ±0.1pF | GRM1555C1H7R7BA01# |
| | | | | | ±0.25pF | GRM1555C1H7R7CA01# |

| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number | |
|-----------|------------------|------------|-------|---------|--|------|
| 0.55mm | 50Vdc | COG | 7.7pF | ±0.5pF | GRM1555C1H7R7DA01# | |
| | | | 7.8pF | ±0.05pF | GRM1555C1H7R8WA01# | |
| | | | | ±0.1pF | GRM1555C1H7R8BA01# | |
| | | | | ±0.25pF | GRM1555C1H7R8CA01# | |
| | | | | ±0.5pF | GRM1555C1H7R8DA01# | |
| | | | 7.9pF | ±0.05pF | GRM1555C1H7R9WA01# | |
| | | | | ±0.1pF | GRM1555C1H7R9BA01# | |
| | | | | ±0.25pF | GRM1555C1H7R9CA01# | |
| | | | | ±0.5pF | GRM1555C1H7R9DA01# | |
| | | | 8.0pF | ±0.05pF | GRM1555C1H8R0WA01# | |
| | | | | ±0.1pF | GRM1555C1H8R0BA01# | |
| | | | | ±0.25pF | GRM1555C1H8R0CA01# | |
| | | | | ±0.5pF | GRM1555C1H8R0DA01# | |
| | | | 8.1pF | ±0.05pF | GRM1555C1H8R1WA01# | |
| | | | | ±0.1pF | GRM1555C1H8R1BA01# | |
| | | | | ±0.25pF | GRM1555C1H8R1CA01# | |
| | | | | ±0.5pF | GRM1555C1H8R1DA01# | |
| | | | 8.2pF | ±0.05pF | GRM1555C1H8R2WA01# | |
| | | | | ±0.1pF | GRM1555C1H8R2BA01# | |
| | | | | ±0.25pF | GRM1555C1H8R2CA01# | |
| | | | | ±0.5pF | GRM1555C1H8R2DA01# | |
| | | | 8.3pF | ±0.05pF | GRM1555C1H8R3WA01# | |
| | | | | ±0.1pF | GRM1555C1H8R3BA01# | |
| | | | | ±0.25pF | GRM1555C1H8R3CA01# | |
| | | | | ±0.5pF | GRM1555C1H8R3DA01# | |
| | | | 8.4pF | ±0.05pF | GRM1555C1H8R4WA01# | |
| | | | | ±0.1pF | GRM1555C1H8R4BA01# | |
| | | | | ±0.25pF | GRM1555C1H8R4CA01# | |
| | | | | ±0.5pF | GRM1555C1H8R4DA01# | |
| | | | 8.5pF | ±0.05pF | GRM1555C1H8R5WA01# | |
| | | | | ±0.1pF | GRM1555C1H8R5BA01# | |
| | | | | ±0.25pF | GRM1555C1H8R5CA01# | |
| | | | | ±0.5pF | GRM1555C1H8R5DA01# | |
| | | | 8.6pF | ±0.05pF | GRM1555C1H8R6WA01# | |
| | | | | ±0.1pF | GRM1555C1H8R6BA01# | |
| | | | | ±0.25pF | GRM1555C1H8R6CA01# | |
| | | | | ±0.5pF | GRM1555C1H8R6DA01# | |
| | | | 8.7pF | ±0.05pF | | |
| | | | | ±0.1pF | GRM1555C1H8R7BA01# | |
| | | | | ±0.25pF | GRM1555C1H8R7CA01# | |
| | | | | ±0.5pF | GRM1555C1H8R7DA01# | |
| | | | 8.8pF | ±0.05pF | GRM1555C1H8R8WA01# | |
| | | | | ±0.1pF | GRM1555C1H8R8BA01# | |
| | | | | ±0.25pF | GRM1555C1H8R8CA01# | |
| | | | | ±0.5pF | GRM1555C1H8R8DA01# | |
| | | | 8.9pF | ±0.05pF | GRM1555C1H8R9WA01# | |
| | | | | ±0.1pF | GRM1555C1H8R9BA01# | |
| | | | | ±0.25pF | GRM1555C1H8R9CA01# | |
| | | | | ±0.5pF | GRM1555C1H8R9DA01# | |
| | | | 9.0pF | ±0.05pF | GRM1555C1H9R0WA01# | |
| | | | | ±0.1pF | GRM1555C1H9R0BA01# | |
| | | | | ±0.25pF | GRM1555C1H9R0CA01# | |
| | | | | ±0.5pF | GRM1555C1H9R0DA01# | |
| | | | 9.1pF | ±0.05pF | GRM1555C1H9R1WA01# cates the package specification | code |

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| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number |
|-----------|------------------|------------|--------|---------|--------------------|
| 0.55mm | 50Vdc | COG | 9.1pF | ±0.1pF | GRM1555C1H9R1BA01# |
| | | | | ±0.25pF | GRM1555C1H9R1CA01# |
| | | | | ±0.5pF | GRM1555C1H9R1DA01# |
| | | | 9.2pF | ±0.05pF | GRM1555C1H9R2WA01# |
| | | | | ±0.1pF | GRM1555C1H9R2BA01# |
| | | | | ±0.25pF | GRM1555C1H9R2CA01# |
| | | | | ±0.5pF | GRM1555C1H9R2DA01# |
| | | | 9.3pF | ±0.05pF | GRM1555C1H9R3WA01# |
| | | | | ±0.1pF | GRM1555C1H9R3BA01# |
| | | | | ±0.25pF | GRM1555C1H9R3CA01# |
| | | | | ±0.5pF | GRM1555C1H9R3DA01# |
| | | | 9.4pF | ±0.05pF | GRM1555C1H9R4WA01# |
| | | | | ±0.1pF | GRM1555C1H9R4BA01# |
| | | | | ±0.25pF | GRM1555C1H9R4CA01# |
| | | | | ±0.5pF | GRM1555C1H9R4DA01# |
| | | | 9.5pF | ±0.05pF | GRM1555C1H9R5WA01# |
| | | | - 14. | ±0.1pF | GRM1555C1H9R5BA01# |
| | | | | - | |
| | | | | ±0.5pF | GRM1555C1H9R5DA01# |
| | | | 9.6pF | ±0.05pF | GRM1555C1H9R6WA01# |
| | | | 0.001 | ±0.1pF | GRM1555C1H9R6BA01# |
| | | | | ±0.25pF | GRM1555C1H9R6CA01# |
| | | | | ±0.5pF | GRM1555C1H9R6DA01# |
| | | | 9.7pF | - | GRM1555C1H9R7WA01# |
| | | | 9.7 pi | | |
| | | | | ±0.1pF | GRM1555C1H9R7BA01# |
| | | | | | GRM1555C1H9R7CA01# |
| | | | 0.0-5 | ±0.5pF | GRM1555C1H9R7DA01# |
| | | | 9.8pF | ±0.05pF | GRM1555C1H9R8WA01# |
| | | | | ±0.1pF | GRM1555C1H9R8BA01# |
| | | | | ±0.25pF | GRM1555C1H9R8CA01# |
| | | | | ±0.5pF | GRM1555C1H9R8DA01# |
| | | | 9.9pF | ±0.05pF | GRM1555C1H9R9WA01# |
| | | | | ±0.1pF | GRM1555C1H9R9BA01# |
| | | | | ±0.25pF | GRM1555C1H9R9CA01# |
| | | | | ±0.5pF | GRM1555C1H9R9DA01# |
| | | | 10pF | ±2% | GRM1555C1H100GA01# |
| | | | | ±5% | GRM1555C1H100JA01# |
| | | | 12pF | ±2% | GRM1555C1H120GA01# |
| | | | | ±5% | GRM1555C1H120JA01# |
| | | | 15pF | ±2% | GRM1555C1H150GA01# |
| | | | | ±5% | GRM1555C1H150JA01# |
| | | | 18pF | ±2% | GRM1555C1H180GA01# |
| | | | | ±5% | GRM1555C1H180JA01# |
| | | | 22pF | ±2% | GRM1555C1H220GA01# |
| | | | | ±5% | GRM1555C1H220JA01# |
| | | | 27pF | ±2% | GRM1555C1H270GA01# |
| | | | | ±5% | GRM1555C1H270JA01# |
| | | | 33pF | ±2% | GRM1555C1H330GA01# |
| | | | | ±5% | GRM1555C1H330JA01# |
| | | | 39pF | ±2% | GRM1555C1H390GA01# |
| | | | | ±5% | GRM1555C1H390JA01# |
| | | | 47pF | ±2% | GRM1555C1H470GA01# |
| | | | ٠٠٣٠ | ±5% | GRM1555C1H470JA01# |
| | | | 56pF | ±2% | GRM1555C1H560GA01# |

| max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number | |
|--------|------------------|------------|--------|--------------------|--|---|
| 0.55mm | 50Vdc | COG | 56pF | ±5% | GRM1555C1H560JA01# | |
| | | | 68pF | ±2% | GRM1555C1H680GA01# | |
| | | | | ±5% | GRM1555C1H680JA01# | |
| | | | 82pF | ±2% | GRM1555C1H820GA01# | |
| | | | | ±5% | GRM1555C1H820JA01# | |
| | | | 100pF | ±2% | GRM1555C1H101GA01# | |
| | | | | ±5% | GRM1555C1H101JA01# | |
| | | | 120pF | ±2% | GRM1555C1H121GA01# | |
| | | | | ±5% | GRM1555C1H121JA01# | |
| | | | 150pF | ±2% | GRM1555C1H151GA01# | |
| | | | | ±5% | GRM1555C1H151JA01# | _ |
| | | | 180pF | ±2% | GRM1555C1H181GA01# | |
| | | | ТООРТ | ±5% | GRM1555C1H181JA01# | |
| | | | 220pF | ±2% | GRM1555C1H221GA01# | |
| | | | 22001 | | GRM1555C1H221JA01# | |
| | | | 070 | ±5% | | |
| | | | 270pF | ±2% | GRM1555C1H271GA01# | |
| | | | | ±5% | GRM1555C1H271JA01# | |
| | | | 330pF | ±2% | GRM1555C1H331GA01# | |
| | | | | ±5% | GRM1555C1H331JA01# | |
| | | | 390pF | ±2% | GRM1555C1H391GA01# | |
| | | | | ±5% | GRM1555C1H391JA01# | |
| | | | 470pF | ±2% | GRM1555C1H471GA01# | |
| | | | | ±5% | GRM1555C1H471JA01# | |
| | | | 560pF | ±2% | GRM1555C1H561GA01# | |
| | | | | ±5% | GRM1555C1H561JA01# | |
| | | | 680pF | ±2% | GRM1555C1H681GA01# | |
| | | | | ±5% | GRM1555C1H681JA01# | |
| | | | 820pF | ±2% | GRM1555C1H821GA01# | |
| | | | | ±5% | GRM1555C1H821JA01# | |
| | | | 1000pF | ±2% | GRM1555C1H102GA01# | |
| | | | | ±5% | GRM1555C1H102JA01# | |
| | | СК | 0.1pF | ±0.05pF | GRM1554C1HR10WA01# | |
| | | | | ±0.1pF | GRM1554C1HR10BA01# | |
| | | | 0.2pF | ±0.05pF | GRM1554C1HR20WA01# | |
| | | | ор. | ±0.1pF | GRM1554C1HR20BA01# | |
| | | | 0.3pF | ±0.05pF | GRM1554C1HR30WA01# | |
| | | | 0.0рі | ±0.1pF | GRM1554C1HR30BA01# | |
| | | | 0.4nE | | GRM1554C1HR40WA01# | |
| | | | 0.4pF | ±0.05pF | | |
| | | | 0.5.5 | ±0.1pF | GRM1554C1HR40BA01# | |
| | | | 0.5pF | ±0.05pF | GRM1554C1HR50WA01# | |
| | | | | ±0.1pF | GRM1554C1HR50BA01# | |
| | | | 0.6pF | ±0.05pF | GRM1554C1HR60WA01# | |
| | | | | ±0.1pF | GRM1554C1HR60BA01# | |
| | | | 0.7pF | ±0.05pF | GRM1554C1HR70WA01# | |
| | | | | ±0.1pF | GRM1554C1HR70BA01# | |
| | | | 0.8pF | ±0.05pF | GRM1554C1HR80WA01# | |
| | | | | ±0.1pF | GRM1554C1HR80BA01# | |
| | | | 0.9pF | ±0.05pF | GRM1554C1HR90WA01# | |
| | | | | ±0.1pF | GRM1554C1HR90BA01# | |
| | | | 1.0pF | ±0.05pF | GRM1554C1H1R0WA01# | |
| | | | | ±0.1pF | GRM1554C1H1R0BA01# | _ |
| | | | | | | _ |
| | | | | ±0.25nF | GRM1554C1H1R0CA01# | |
| | | | 1.1pF | ±0.25pF ±0.05pF | GRM1554C1H1R0CA01# GRM1554C1H1R1WA01# | |



| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number |
|-----------|------------------|------------|-------|--------------------|---------------------------------------|
| 0.55mm | 50Vdc | CK | 1.1pF | ±0.25pF | GRM1554C1H1R1CA01# |
| | | | 1.2pF | ±0.05pF | GRM1554C1H1R2WA01# |
| | | | | ±0.1pF | GRM1554C1H1R2BA01# |
| | | | | ±0.25pF | GRM1554C1H1R2CA01# |
| | | | 1.3pF | ±0.05pF | GRM1554C1H1R3WA01# |
| | | | | ±0.1pF | GRM1554C1H1R3BA01# |
| | | | | ±0.25pF | GRM1554C1H1R3CA01# |
| | | | 1.4pF | ±0.05pF | GRM1554C1H1R4WA01# |
| | | | • | ±0.1pF | GRM1554C1H1R4BA01# |
| | | | | ±0.25pF | GRM1554C1H1R4CA01# |
| | | | 1.5pF | ±0.05pF | GRM1554C1H1R5WA01# |
| | | | 1.001 | ±0.1pF | GRM1554C1H1R5BA01# |
| | | | | - | |
| | | | 1.05 | ±0.25pF | GRM1554C1H1R5CA01# |
| | | | 1.6pF | ±0.05pF | GRM1554C1H1R6WA01# |
| | | | | ±0.1pF | GRM1554C1H1R6BA01# |
| | | | | ±0.25pF | GRM1554C1H1R6CA01# |
| | | | 1.7pF | ±0.05pF | GRM1554C1H1R7WA01# |
| | | | | ±0.1pF | GRM1554C1H1R7BA01# |
| | | | | ±0.25pF | GRM1554C1H1R7CA01# |
| | | | 1.8pF | ±0.05pF | GRM1554C1H1R8WA01# |
| | | | | ±0.1pF | GRM1554C1H1R8BA01# |
| | | | | ±0.25pF | GRM1554C1H1R8CA01# |
| | | | 1.9pF | ±0.05pF | GRM1554C1H1R9WA01# |
| | | | | ±0.1pF | GRM1554C1H1R9BA01# |
| | | | | ±0.25pF | GRM1554C1H1R9CA01# |
| | | | 2.0pF | ±0.05pF | GRM1554C1H2R0WA01# |
| | | | | ±0.1pF | GRM1554C1H2R0BA01# |
| | | | | ±0.25pF | GRM1554C1H2R0CA01# |
| | | CJ | 2.1pF | ±0.05pF | GRM1553C1H2R1WA01# |
| | | | • | ±0.1pF | GRM1553C1H2R1BA01# |
| | | | | ±0.25pF | GRM1553C1H2R1CA01# |
| | | | 2.2pF | ±0.05pF | GRM1553C1H2R2WA01# |
| | | | 2.201 | ±0.1pF | GRM1553C1H2R2BA01# |
| | | | | | |
| | | | 00.5 | ±0.25pF | GRM1553C1H2R2CA01# |
| | | | 2.3pF | ±0.05pF | |
| | | | | ±0.1pF | GRM1553C1H2R3BA01# |
| | | | | ±0.25pF | |
| | | | 2.4pF | ±0.05pF | |
| | | | | ±0.1pF | GRM1553C1H2R4BA01# |
| | | | | ±0.25pF | GRM1553C1H2R4CA01# |
| | | | 2.5pF | ±0.05pF | GRM1553C1H2R5WA01# |
| | | | | ±0.1pF | GRM1553C1H2R5BA01# |
| | | | | ±0.25pF | GRM1553C1H2R5CA01# |
| | | | 2.6pF | ±0.05pF | GRM1553C1H2R6WA01# |
| | | | | ±0.1pF | GRM1553C1H2R6BA01# |
| | | | | ±0.25pF | GRM1553C1H2R6CA01# |
| | | | 2.7pF | ±0.05pF | GRM1553C1H2R7WA01# |
| | | | • | ±0.1pF | GRM1553C1H2R7BA01# |
| | | | | ±0.25pF | GRM1553C1H2R7CA01# |
| | | | 2.8pF | ±0.05pF | GRM1553C1H2R8WA01# |
| | | | 2.0pi | ±0.05pF | GRM1553C1H2R8BA01# |
| | | | | | |
| | | | | - | |
| | | | 2.9pF | ±0.25pF ±0.05pF | GRM1553C1H2R8CA01# GRM1553C1H2R9WA01# |

| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number | |
|-----------|------------------|------------|----------|-------------------|--|-------|
| 0.55mm | 50Vdc | CJ | 2.9pF | ±0.25pF | GRM1553C1H2R9CA01# | |
| | | | 3.0pF | ±0.05pF | GRM1553C1H3R0WA01# | |
| | | | | ±0.1pF | GRM1553C1H3R0BA01# | |
| | | | | ±0.25pF | GRM1553C1H3R0CA01# | |
| | | | 3.1pF | ±0.05pF | GRM1553C1H3R1WA01# | |
| | | | | ±0.1pF | GRM1553C1H3R1BA01# | |
| | | | | ±0.25pF | GRM1553C1H3R1CA01# | |
| | | | 3.2pF | ±0.05pF | GRM1553C1H3R2WA01# | |
| | | | | ±0.1pF | GRM1553C1H3R2BA01# | |
| | | | | ±0.25pF | GRM1553C1H3R2CA01# | |
| | | | 3.3pF | ±0.05pF | GRM1553C1H3R3WA01# | |
| | | | | ±0.1pF | GRM1553C1H3R3BA01# | |
| | | | | ±0.25pF | GRM1553C1H3R3CA01# | |
| | | | 3.4pF | ±0.05pF | GRM1553C1H3R4WA01# | |
| | | | | ±0.1pF | GRM1553C1H3R4BA01# | |
| | | | | ±0.25pF | GRM1553C1H3R4CA01# | |
| | | | 3.5pF | ±0.05pF | GRM1553C1H3R5WA01# | |
| | | | | ±0.1pF | GRM1553C1H3R5BA01# | |
| | | | | ±0.25pF | GRM1553C1H3R5CA01# | |
| | | | 3.6pF | ±0.05pF | GRM1553C1H3R6WA01# | |
| | | | | ±0.1pF | GRM1553C1H3R6BA01# | |
| | | | | ±0.25pF | GRM1553C1H3R6CA01# | |
| | | | 3.7pF | ±0.05pF | GRM1553C1H3R7WA01# | |
| | | | | ±0.1pF | GRM1553C1H3R7BA01# | |
| | | | | ±0.25pF | GRM1553C1H3R7CA01# | |
| | | | 3.8pF | ±0.05pF | GRM1553C1H3R8WA01# | |
| | | | | ±0.1pF | GRM1553C1H3R8BA01# | |
| | | | | ±0.25pF | GRM1553C1H3R8CA01# | |
| | | | 3.9pF | ±0.05pF | GRM1553C1H3R9WA01# | |
| | | | | ±0.1pF | GRM1553C1H3R9BA01# | |
| | | 011 | 10.5 | ±0.25pF | GRM1553C1H3R9CA01# | |
| | | CH | 4.0pF | ±0.05pF | GRM1552C1H4R0WA01# | |
| | | | | ±0.1pF | GRM1552C1H4R0BA01# | |
| | | | 4.4 | ±0.25pF | GRM1552C1H4R0CA01# | |
| | | | 4.1pF | ±0.05pF | GRM1552C1H4R1WA01# | |
| | | | | ±0.1pF | GRM1552C1H4R1BA01# | |
| | | | 4.0-5 | ±0.25pF | GRM1552C1H4R1CA01# | |
| | | | 4.2pF | ±0.05pF | GRM1552C1H4R2WA01# | |
| | | | | ±0.1pF | GRM1552C1H4R2BA01# | |
| | | | 4 2n F | ±0.25pF | GRM1552C1H4R2CA01# | |
| | | | 4.3pF | ±0.05pF | GRM1552C1H4R3WA01# | |
| | | | | ±0.1pF ±0.25pF | GRM1552C1H4R3BA01# | |
| | | | 4.4nE | | GRM1552C1H4R3CA01# | |
| | | | 4.4pF | ±0.05pF ±0.1pF | GRM1552C1H4R4WA01# GRM1552C1H4R4BA01# | |
| | | | | ±0.1pr | GRM1552C1H4R4CA01# | |
| | | | 4.5pF | ±0.05pF | GRM1552C1H4R5WA01# | |
| | | | - 14- | ±0.1pF | GRM1552C1H4R5BA01# | |
| | | | | ±0.25pF | GRM1552C1H4R5CA01# | |
| | | | 4.6pF | ±0.05pF | GRM1552C1H4R6WA01# | |
| | | | | ±0.1pF | GRM1552C1H4R6BA01# | |
| | | | | ±0.25pF | GRM1552C1H4R6CA01# | |
| | | | 4.7pF | ±0.05pF | GRM1552C1H4R7WA01# | |
| | | | | ±0.1pF | GRM1552C1H4R7BA01# | |
| | | | Part nur | nber # indic | cates the package specification | code. |



| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number |
|-----------|------------------|------------|-------|-------------------|--------------------|
|).55mm | 50Vdc | СН | 4.7pF | ±0.25pF | GRM1552C1H4R7CA01# |
| | | | 4.8pF | ±0.05pF | GRM1552C1H4R8WA01# |
| | | | | ±0.1pF | GRM1552C1H4R8BA01# |
| | | | | ±0.25pF | GRM1552C1H4R8CA01# |
| | | | 4.9pF | ±0.05pF | GRM1552C1H4R9WA01# |
| | | | | ±0.1pF | GRM1552C1H4R9BA01# |
| | | | | ±0.25pF | GRM1552C1H4R9CA01# |
| | | | 5.0pF | ±0.05pF | GRM1552C1H5R0WA01# |
| | | | | ±0.1pF | GRM1552C1H5R0BA01# |
| | | | | ±0.25pF | GRM1552C1H5R0CA01# |
| | | | 5.1pF | ±0.05pF | GRM1552C1H5R1WA01# |
| | | | | ±0.1pF | GRM1552C1H5R1BA01# |
| | | | | ±0.25pF | GRM1552C1H5R1CA01# |
| | | | | ±0.5pF | GRM1552C1H5R1DA01# |
| | | | 5.2pF | ±0.05pF | GRM1552C1H5R2WA01# |
| | | | | ±0.1pF | GRM1552C1H5R2BA01# |
| | | | | ±0.25pF | GRM1552C1H5R2CA01# |
| | | | | ±0.5pF | GRM1552C1H5R2DA01# |
| | | | 5.3pF | ±0.05pF | GRM1552C1H5R3WA01# |
| | | | | ±0.1pF | GRM1552C1H5R3BA01# |
| | | | | ±0.25pF | GRM1552C1H5R3CA01# |
| | | | | ±0.5pF | GRM1552C1H5R3DA01# |
| | | | 5.4pF | ±0.05pF | GRM1552C1H5R4WA01# |
| | | | | ±0.1pF | GRM1552C1H5R4BA01# |
| | | | | ±0.25pF | GRM1552C1H5R4CA01# |
| | | | | ±0.5pF | GRM1552C1H5R4DA01# |
| | | | 5.5pF | ±0.05pF | GRM1552C1H5R5WA01# |
| | | | · | ±0.1pF | GRM1552C1H5R5BA01# |
| | | | | ±0.25pF | GRM1552C1H5R5CA01# |
| | | | | ±0.5pF | GRM1552C1H5R5DA01# |
| | | | 5.6pF | ±0.05pF | GRM1552C1H5R6WA01# |
| | | | • | ±0.1pF | GRM1552C1H5R6BA01# |
| | | | | ±0.25pF | GRM1552C1H5R6CA01# |
| | | | | ±0.5pF | GRM1552C1H5R6DA01# |
| | | | 5.7pF | - | GRM1552C1H5R7WA01# |
| | | | - 1 | ±0.1pF | GRM1552C1H5R7BA01# |
| | | | | | GRM1552C1H5R7CA01# |
| | | | | ±0.5pF | GRM1552C1H5R7DA01# |
| | | | 5.8pF | - | GRM1552C1H5R8WA01# |
| | | | | ±0.1pF | GRM1552C1H5R8BA01# |
| | | | | ±0.25pF | GRM1552C1H5R8CA01# |
| | | | | ±0.5pF | GRM1552C1H5R8DA01# |
| | | | 5.9pF | - | GRM1552C1H5R9WA01# |
| | | | 0.0pi | ±0.1pF | GRM1552C1H5R9BA01# |
| | | | | | GRM1552C1H5R9CA01# |
| | | | | ±0.5pF | GRM1552C1H5R9DA01# |
| | | | 6.0pF | - | GRM1552C1H6R0WA01# |
| | | | 0.0pi | ±0.05pi | GRM1552C1H6R0BA01# |
| | | | | ±0.1pF ±0.25pF | GRM1552C1H6R0CA01# |
| | | | | - | |
| | | | 615 | ±0.5pF | GRM1552C1H6R0DA01# |
| | | | 6.1pF | ±0.05pF | GRM1552C1H6R1WA01# |
| | | | | ±0.1pF | GRM1552C1H6R1BA01# |
| | | | | ±0.25pF | GRM1552C1H6R1CA01# |
| | I | 1 | | ±0.5pF | GRM1552C1H6R1DA01# |

| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number | |
|-----------|------------------|------------|----------|--------------|--------------------------------|-------|
| 0.55mm | 50Vdc | СН | 6.2pF | ±0.05pF | GRM1552C1H6R2WA01# | |
| | | | | ±0.1pF | GRM1552C1H6R2BA01# | |
| | | | | ±0.25pF | GRM1552C1H6R2CA01# | |
| | | | | ±0.5pF | GRM1552C1H6R2DA01# | |
| | | | 6.3pF | ±0.05pF | GRM1552C1H6R3WA01# | |
| | | | | ±0.1pF | GRM1552C1H6R3BA01# | |
| | | | | ±0.25pF | GRM1552C1H6R3CA01# | |
| | | | | ±0.5pF | GRM1552C1H6R3DA01# | |
| | | | 6.4pF | ±0.05pF | GRM1552C1H6R4WA01# | |
| | | | | ±0.1pF | GRM1552C1H6R4BA01# | |
| | | | | ±0.25pF | GRM1552C1H6R4CA01# | |
| | | | | ±0.5pF | GRM1552C1H6R4DA01# | |
| | | | 6.5pF | ±0.05pF | GRM1552C1H6R5WA01# | |
| | | | | ±0.1pF | GRM1552C1H6R5BA01# | |
| | | | | ±0.25pF | GRM1552C1H6R5CA01# | |
| | | | | ±0.5pF | GRM1552C1H6R5DA01# | |
| | | | 6.6pF | ±0.05pF | GRM1552C1H6R6WA01# | |
| | | | | ±0.1pF | GRM1552C1H6R6BA01# | |
| | | | | ±0.25pF | GRM1552C1H6R6CA01# | |
| | | | | ±0.5pF | GRM1552C1H6R6DA01# | |
| | | | 6.7pF | ±0.05pF | GRM1552C1H6R7WA01# | |
| | | | | ±0.1pF | GRM1552C1H6R7BA01# | |
| | | | | ±0.25pF | GRM1552C1H6R7CA01# | |
| | | | | ±0.5pF | GRM1552C1H6R7DA01# | |
| | | | 6.8pF | ±0.05pF | GRM1552C1H6R8WA01# | |
| | | | | ±0.1pF | GRM1552C1H6R8BA01# | |
| | | | | ±0.25pF | GRM1552C1H6R8CA01# | |
| | | | | ±0.5pF | GRM1552C1H6R8DA01# | |
| | | | 6.9pF | ±0.05pF | GRM1552C1H6R9WA01# | |
| | | | | ±0.1pF | GRM1552C1H6R9BA01# | |
| | | | | ±0.25pF | GRM1552C1H6R9CA01# | |
| | | | | ±0.5pF | GRM1552C1H6R9DA01# | |
| | | | 7.0pF | ±0.05pF | GRM1552C1H7R0WA01# | |
| | | | | ±0.1pF | GRM1552C1H7R0BA01# | |
| | | | | ±0.25pF | GRM1552C1H7R0CA01# | |
| | | | | ±0.5pF | GRM1552C1H7R0DA01# | |
| | | | 7.1pF | ±0.05pF | GRM1552C1H7R1WA01# | |
| | | | | ±0.1pF | GRM1552C1H7R1BA01# | |
| | | | | ±0.25pF | GRM1552C1H7R1CA01# | |
| | | | | ±0.5pF | GRM1552C1H7R1DA01# | |
| | | | 7.2pF | ±0.05pF | GRM1552C1H7R2WA01# | |
| | | | | ±0.1pF | GRM1552C1H7R2BA01# | |
| | | | | ±0.25pF | GRM1552C1H7R2CA01# | |
| | | | | ±0.5pF | GRM1552C1H7R2DA01# | |
| | | | 7.3pF | ±0.05pF | GRM1552C1H7R3WA01# | |
| | | | | ±0.1pF | GRM1552C1H7R3BA01# | |
| | | | | ±0.25pF | GRM1552C1H7R3CA01# | |
| | | | | ±0.5pF | GRM1552C1H7R3DA01# | |
| | | | 7.4pF | ±0.05pF | GRM1552C1H7R4WA01# | |
| | | | | ±0.1pF | GRM1552C1H7R4BA01# | |
| | | | | ±0.25pF | GRM1552C1H7R4CA01# | |
| | | | | ±0.5pF | GRM1552C1H7R4DA01# | |
| | | | 7.5pF | ±0.05pF | GRM1552C1H7R5WA01# | |
| | | | | ±0.1pF | GRM1552C1H7R5BA01# | |
| | | | Part nur | nber # indic | ates the package specification | code. |

| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number |
|-----------|------------------|------------|-------|----------|--|
|).55mm | 50Vdc | СН | 7.5pF | ±0.25pF | GRM1552C1H7R5CA01# |
| | | | | ±0.5pF | GRM1552C1H7R5DA01# |
| | | | 7.6pF | ±0.05pF | GRM1552C1H7R6WA01# |
| | | | | ±0.1pF | GRM1552C1H7R6BA01# |
| | | | | ±0.25pF | GRM1552C1H7R6CA01# |
| | | | | ±0.5pF | GRM1552C1H7R6DA01# |
| | | | 7.7pF | ±0.05pF | GRM1552C1H7R7WA01# |
| | | | | ±0.1pF | GRM1552C1H7R7BA01# |
| | | | | ±0.25pF | GRM1552C1H7R7CA01# |
| | | | | ±0.5pF | GRM1552C1H7R7DA01# |
| | | | 7.8pF | ±0.05pF | GRM1552C1H7R8WA01# |
| | | | • | ±0.1pF | GRM1552C1H7R8BA01# |
| | | | | ±0.25pF | GRM1552C1H7R8CA01# |
| | | | | ±0.5pF | GRM1552C1H7R8DA01# |
| | | | 7.9pF | ±0.05pF | GRM1552C1H7R9WA01# |
| | | | • | ±0.1pF | GRM1552C1H7R9BA01# |
| | | | | ±0.25pF | |
| | | | | ±0.5pF | GRM1552C1H7R9DA01# |
| | | | 8.0pF | ±0.05pF | GRM1552C1H8R0WA01# |
| | | | | ±0.1pF | GRM1552C1H8R0BA01# |
| | | | | ±0.25pF | GRM1552C1H8R0CA01# |
| | | | | ±0.5pF | GRM1552C1H8R0DA01# |
| | | | 8.1pF | ±0.05pF | GRM1552C1H8R1WA01# |
| | | | 0.101 | ±0.1pF | GRM1552C1H8R1BA01# |
| | | | | ±0.25pF | GRM1552C1H8R1CA01# |
| | | | | ±0.5pF | GRM1552C1H8R1DA01# |
| | | | 8.2pF | ±0.05pF | GRM1552C1H8R2WA01# |
| | | | 0.201 | ±0.1pF | GRM1552C1H8R2BA01# |
| | | | | ±0.25pF | GRM1552C1H8R2CA01# |
| | | | | ±0.25pi | GRM1552C1H8R2DA01# |
| | | | 8.3pF | ±0.05pF | GRM1552C1H8R3WA01# |
| | | | 0.5pi | ±0.05pi | GRM1552C1H8R3BA01# |
| | | | | <u> </u> | GRM1552C1H8R3CA01# |
| | | | | ±0.25pF | |
| | | | 0.455 | ±0.5pF | GRM1552C1H8R3DA01# GRM1552C1H8R4WA01# |
| | | | 8.4pF | ±0.05pF | |
| | | | | ±0.1pF | GRM1552C1H8R4BA01# |
| | | | | ±0.25pF | GRM1552C1H8R4CA01# |
| | | | 0.5.5 | ±0.5pF | GRM1552C1H8R4DA01# |
| | | | 8.5pF | ±0.05pF | |
| | | | | ±0.1pF | GRM1552C1H8R5BA01# |
| | | | | ±0.25pF | |
| | | | | ±0.5pF | GRM1552C1H8R5DA01# |
| | | | 8.6pF | ±0.05pF | |
| | | | | ±0.1pF | GRM1552C1H8R6BA01# |
| | | | | ±0.25pF | |
| | | | | ±0.5pF | GRM1552C1H8R6DA01# |
| | | | 8.7pF | ±0.05pF | GRM1552C1H8R7WA01# |
| | | | | ±0.1pF | GRM1552C1H8R7BA01# |
| | | | | ±0.25pF | GRM1552C1H8R7CA01# |
| | | | | ±0.5pF | GRM1552C1H8R7DA01# |
| | | | 8.8pF | ±0.05pF | GRM1552C1H8R8WA01# |
| | | | | ±0.1pF | GRM1552C1H8R8BA01# |
| | | | | ±0.25pF | GRM1552C1H8R8CA01# |
| | | | | ±0.5pF | GRM1552C1H8R8DA01# |
| | | | | | |

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number |
|-----------|------------------|------------|----------|-------------------|--|
| 0.55mm | 50Vdc | СН | 8.9pF | ±0.05pF | GRM1552C1H8R9WA01# |
| | | | | ±0.1pF | GRM1552C1H8R9BA01# |
| | | | | ±0.25pF | GRM1552C1H8R9CA01# |
| | | | | ±0.5pF | GRM1552C1H8R9DA01# |
| | | | 9.0pF | ±0.05pF | GRM1552C1H9R0WA01# |
| | | | | ±0.1pF | GRM1552C1H9R0BA01# |
| | | | | ±0.25pF | GRM1552C1H9R0CA01# |
| | | | | ±0.5pF | GRM1552C1H9R0DA01# |
| | | | 9.1pF | ±0.05pF | GRM1552C1H9R1WA01# |
| | | | | ±0.1pF | GRM1552C1H9R1BA01# |
| | | | | ±0.25pF | GRM1552C1H9R1CA01# |
| | | | | ±0.5pF | GRM1552C1H9R1DA01# |
| | | | 9.2pF | ±0.05pF | GRM1552C1H9R2WA01# |
| | | | | ±0.1pF | GRM1552C1H9R2BA01# |
| | | | | ±0.25pF | GRM1552C1H9R2CA01# |
| | | | | ±0.5pF | GRM1552C1H9R2DA01# |
| | | | 9.3pF | ±0.05pF | GRM1552C1H9R3WA01# |
| | | | | ±0.1pF | GRM1552C1H9R3BA01# |
| | | | | ±0.25pF | GRM1552C1H9R3CA01# |
| | | | | ±0.5pF | GRM1552C1H9R3DA01# |
| | | | 9.4pF | ±0.05pF | GRM1552C1H9R4WA01# |
| | | | | ±0.1pF | GRM1552C1H9R4BA01# |
| | | | | ±0.25pF | GRM1552C1H9R4CA01# |
| | | | | ±0.5pF | GRM1552C1H9R4DA01# |
| | | | 9.5pF | ±0.05pF | GRM1552C1H9R5WA01# |
| | | | | ±0.1pF | GRM1552C1H9R5BA01# |
| | | | | ±0.25pF | GRM1552C1H9R5CA01# |
| | | | | ±0.5pF | GRM1552C1H9R5DA01# |
| | | | 9.6pF | ±0.05pF | GRM1552C1H9R6WA01# |
| | | | | ±0.1pF | GRM1552C1H9R6BA01# |
| | | | | ±0.25pF | |
| | | | | ±0.5pF | GRM1552C1H9R6DA01# |
| | | | 9.7pF | ±0.05pF | GRM1552C1H9R7WA01# |
| | | | | ±0.1pF | GRM1552C1H9R7BA01# |
| | | | | ±0.25pF | |
| | | | 0.0-5 | ±0.5pF | GRM1552C1H9R7DA01# |
| | | | 9.8pF | ±0.05pF | |
| | | | | ±0.1pF | GRM1552C1H9R8BA01# |
| | | | | ±0.25pF | GRM1552C1H9R8CA01# GRM1552C1H9R8DA01# |
| | | | 9.9pF | ±0.5pF | |
| | | | J.Jpi | ±0.05pF ±0.1pF | GRM1552C1H9R9BA01# |
| | | | | ±0.25pF | |
| | | | | ±0.25pF | GRM1552C1H9R9DA01# |
| | | | 10pF | ±2% | GRM1552C1H100GA01# |
| | | | | ±5% | GRM1552C1H100JA01# |
| | | | 12pF | ±2% | GRM1552C1H120GA01# |
| | | | 1-1 | ±5% | GRM1552C1H120JA01# |
| | | | 15pF | ±2% | GRM1552C1H150GA01# |
| | | | | ±5% | GRM1552C1H150JA01# |
| | | | 18pF | ±2% | GRM1552C1H180GA01# |
| | | | | ±5% | GRM1552C1H180JA01# |
| | | | 22pF | ±2% | GRM1552C1H220GA01# |
| | | | | ±5% | GRM1552C1H220JA01# |
| | | | Part nur | mber # indic | cates the package specification code |



| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number |
|-----------|------------------|------------|----------------|------------------|--|
| 0.55mm | 50Vdc | СН | 27pF | ±2% | GRM1552C1H270GA01# |
| | | | | ±5% | GRM1552C1H270JA01# |
| | | | 33pF | ±2% | GRM1552C1H330GA01# |
| | | | | ±5% | GRM1552C1H330JA01# |
| | | | 39pF | ±2% | GRM1552C1H390GA01# |
| | | | | ±5% | GRM1552C1H390JA01# |
| | | | 47pF | ±2% | GRM1552C1H470GA01# |
| | | | | ±5% | GRM1552C1H470JA01# |
| | | | 56pF | ±2% | GRM1552C1H560GA01# |
| | | | | ±5% | GRM1552C1H560JA01# |
| | | | 68pF | ±2% | GRM1552C1H680GA01# |
| | | | | ±5% | GRM1552C1H680JA01# |
| | | | 82pF | ±2% | GRM1552C1H820GA01# |
| | | | | ±5% | GRM1552C1H820JA01# |
| | | | 100pF | ±2% | GRM1552C1H101GA01# |
| | | | | ±5% | GRM1552C1H101JA01# |
| | | | 120pF | ±2% | GRM1552C1H121GA01# |
| | | | | ±5% | GRM1552C1H121JA01# |
| | | | 150pF | ±2% | GRM1552C1H151GA01# |
| | | | | ±5% | GRM1552C1H151JA01# |
| | | | 180pF | ±2% | GRM1552C1H181GA01# |
| | | | | ±5% | GRM1552C1H181JA01# |
| | | | 220pF | ±2% | GRM1552C1H221GA01# |
| | | | | ±5% | GRM1552C1H221JA01# |
| | | | 270pF | ±2% | GRM1552C1H271GA01# |
| | | | | ±5% | GRM1552C1H271JA01# |
| | | | 330pF | ±2% | GRM1552C1H331GA01# |
| | | | = | ±5% | GRM1552C1H331JA01# |
| | | | 390pF | ±2% | GRM1552C1H391GA01# |
| | | | | ±5% | GRM1552C1H391JA01# |
| | | | 470pF | ±2% | GRM1552C1H471GA01# |
| | | | | ±5% | GRM1552C1H471JA01# |
| | | | 560pF | ±2% | GRM1552C1H561GA01# |
| | | | | ±5% | GRM1552C1H561JA01# |
| | | | 680pF | ±2% | GRM1552C1H681GA01# |
| | | | 000 5 | ±5% | GRM1552C1H681JA01# |
| | | | 820pF | ±2% | GRM1552C1H821GA01# |
| | | | 1000-5 | ±5% | GRM1552C1H821JA01# |
| | | | 1000pF | ±2% | GRM1552C1H102GA01# |
| | | P2H | 1.05 | ±5% | GRM1552C1H102JA01# |
| | | PZH | 1.0pF | ±0.25pF | GRM1556P1H1R0CZ01# GRM1556P1H2R0CZ01# |
| | | | 2.0pF | ±0.25pF | |
| | | | 3.0pF 4.0pF | ±0.25pF | GRM1556P1H3R0CZ01# GRM1556P1H4R0CZ01# |
| | | | | ±0.25pF | |
| | | | 5.0pF | ±0.25pF | GRM1556P1H5R0CZ01# GRM1556P1H6R0DZ01# |
| | | | 6.0pF 7.0pF | ±0.5pF ±0.5pF | GRM1556P1H7R0DZ01# |
| | | | 8.0pF | ±0.5pF | GRM1556P1H8R0DZ01# |
| | | | - | - | |
| | | | 9.0pF | ±0.5pF | GRM1556P1H9R0DZ01# |
| | | | 10pF | ±5% | GRM1556P1H100JZ01# |
| | | | 12pF | ±5% | GRM1556P1H120JZ01# |
| | | | 15pF 18pF | ±5% ±5% | GRM1556P1H150JZ01# GRM1556P1H180JZ01# |
| | | i | IONE | _£3.70 | TALLIVITUUU ITI TOUULU I# |

| T Rated TC Cap. Tol. Part Number | r |
|--|-------|
| 0.55mm 50Vdc P2H 27pF ±5% GRM1556P1H270 J | 701# |
| PK 1.0pF ±0.25pF GRM1554P1H1R0C | |
| 2.0pF ±0.25pF GRM1554P1H2R0C | |
| PJ 3.0pF ±0.25pF GRM1553P1H3R0C | |
| PH 4.0pF ±0.25pF GRM1552P1H4R0C | |
| 5.0pF ±0.25pF GRM1552P1H5R0C | |
| 6.0pF ±0.5pF GRM1552P1H6R0 E |)Z01# |
| 7.0pF ±0.5pF GRM1552P1H7R0 E |)Z01# |
| 8.0pF ±0.5pF GRM1552P1H8R0 E |)Z01# |
| 9.0pF ±0.5pF GRM1552P1H9R0 D | Z01# |
| 10pF ±5% GRM1552P1H100J | Z01# |
| 12pF ±5% GRM1552P1H120J | Z01# |
| 15pF ±5% GRM1552P1H150J | Z01# |
| 18pF ±5% GRM1552P1H180J | Z01# |
| 22pF ±5% GRM1552P1H220J | Z01# |
| 27pF ±5% GRM1552P1H270J | Z01# |
| R2H 1.0pF ±0.25pF GRM1556R1H1R00 | CD01# |
| 2.0pF ±0.25pF GRM1556R1H2R0C | Z01# |
| 3.0pF ±0.25pF GRM1556R1H3R0C | CZ01# |
| 4.0pF ±0.25pF GRM1556R1H4R0C | CZ01# |
| 5.0pF ±0.25pF GRM1556R1H5R0C | CZ01# |
| 6.0pF ±0.5pF GRM1556R1H6R0 E | DZ01# |
| 7.0pF ±0.5pF GRM1556R1H7R0 E | DZ01# |
| 8.0pF ±0.5pF GRM1556R1H8R0 E | DZ01# |
| 9.0pF ±0.5pF GRM1556R1H9R0 E | DZ01# |
| 10pF ±5% GRM1556R1H100J | Z01# |
| 12pF ±5% GRM1556R1H120J | Z01# |
| 15pF ±5% GRM1556R1H150J | Z01# |
| 18pF ±5% GRM1556R1H180J | Z01# |
| 22pF ±5% GRM1556R1H220J | Z01# |
| 27pF ±5% GRM1556R1H270J | Z01# |
| 33pF ±5% GRM1556R1H330J | Z01# |
| RK 1.0pF ±0.25pF GRM1554R1H1R0C | CD01# |
| 2.0pF ±0.25pF GRM1554R1H2R00 | CZ01# |
| RJ 3.0pF ±0.25pF GRM1553R1H3R00 | CZ01# |
| RH 4.0pF ±0.25pF GRM1552R1H4R0C | CZ01# |
| 5.0pF ±0.25pF GRM1552R1H5R0C | CZ01# |
| 6.0pF ±0.5pF GRM1552R1H6R0 E | DZ01# |
| 7.0pF ±0.5pF GRM1552R1H7R0 E | DZ01# |
| 8.0pF ±0.5pF GRM1552R1H8R0 E | DZ01# |
| 9.0pF ±0.5pF GRM1552R1H9R0 E | DZ01# |
| 10pF ±5% GRM1552R1H100J | Z01# |
| 12pF ±5% GRM1552R1H120J | Z01# |
| 15pF ±5% GRM1552R1H150J | Z01# |
| 18pF ±5% GRM1552R1H180J | Z01# |
| 22pF ±5% GRM1552R1H220J | Z01# |
| 27pF ±5% GRM1552R1H270J | Z01# |
| 33pF ±5% GRM1552R1H330J | |
| S2H 1.0pF ±0.25pF GRM1556S1H1R0C | |
| 2.0pF ±0.25pF GRM1556S1H2R0C | |
| 3.0pF ±0.25pF GRM1556S1H3R0C | |
| 4.0pF ±0.25pF GRM1556S1H4R0C | |
| 5.0pF ±0.25pF GRM1556S1H5R0C | |
| 6.0pF ±0.5pF GRM1556S1H6R0D | |

$\rightarrow \blacksquare 1.0 \times 0.5 \text{mm}$

| (→ ■ 1 | .0×0.5r | nm) | | | |
|-----------|------------------|------------|-------|---------|--------------------|
| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number |
| 0.55mm | 50Vdc | S2H | 7.0pF | ±0.5pF | GRM1556S1H7R0DZ01# |
| | | | 8.0pF | ±0.5pF | GRM1556S1H8R0DZ01# |
| | | | 9.0pF | ±0.5pF | GRM1556S1H9R0DZ01# |
| | | | 10pF | ±5% | GRM1556S1H100JZ01# |
| | | | 12pF | ±5% | GRM1556S1H120JZ01# |
| | | | 15pF | ±5% | GRM1556S1H150JZ01# |
| | | | 18pF | ±5% | GRM1556S1H180JZ01# |
| | | | 22pF | ±5% | GRM1556S1H220JZ01# |
| | | | 27pF | ±5% | GRM1556S1H270JZ01# |
| | | | 33pF | ±5% | GRM1556S1H330JZ01# |
| | | | 39pF | ±5% | GRM1556S1H390JZ01# |
| | | SK | 1.0pF | ±0.25pF | GRM1554S1H1R0CD01# |
| | | | 2.0pF | ±0.25pF | GRM1554S1H2R0CZ01# |
| | | SJ | 3.0pF | ±0.25pF | GRM1553S1H3R0CZ01# |
| | | SH | 4.0pF | ±0.25pF | GRM1552S1H4R0CZ01# |
| | | | 5.0pF | ±0.25pF | GRM1552S1H5R0CZ01# |
| | | | 6.0pF | ±0.5pF | GRM1552S1H6R0DZ01# |
| | | | 7.0pF | ±0.5pF | GRM1552S1H7R0DZ01# |
| | | | 8.0pF | ±0.5pF | GRM1552S1H8R0DZ01# |
| | | | 9.0pF | ±0.5pF | GRM1552S1H9R0DZ01# |
| | | | 10pF | ±5% | GRM1552S1H100JZ01# |
| | | | 12pF | ±5% | GRM1552S1H120JZ01# |
| | | | 15pF | ±5% | GRM1552S1H150JZ01# |
| | | | 18pF | ±5% | GRM1552S1H180JZ01# |
| | | | 22pF | ±5% | GRM1552S1H220JZ01# |
| | | | 27pF | ±5% | GRM1552S1H270JZ01# |
| | | | 33pF | ±5% | GRM1552S1H330JZ01# |
| | | | 39pF | ±5% | GRM1552S1H390JZ01# |
| | | T2H | 1.0pF | ±0.25pF | GRM1556T1H1R0CD01# |
| | | | 2.0pF | ±0.25pF | GRM1556T1H2R0CD01# |
| | | | 3.0pF | ±0.25pF | GRM1556T1H3R0CD01# |
| | | | 4.0pF | ±0.25pF | GRM1556T1H4R0CD01# |
| | | | 5.0pF | ±0.25pF | GRM1556T1H5R0CD01# |
| | | | 6.0pF | ±0.5pF | GRM1556T1H6R0DD01# |
| | | | 7.0pF | ±0.5pF | GRM1556T1H7R0DD01# |
| | | | 8.0pF | ±0.5pF | GRM1556T1H8R0DD01# |
| | | | 9.0pF | ±0.5pF | GRM1556T1H9R0DD01# |
| | | | 10pF | ±5% | GRM1556T1H100JD01# |
| | | | 12pF | ±5% | GRM1556T1H120JD01# |
| | | | 15pF | ±5% | GRM1556T1H150JD01# |
| | | | 18pF | ±5% | GRM1556T1H180JD01# |
| | | | 22pF | ±5% | GRM1556T1H220JD01# |
| | | | 27pF | ±5% | GRM1556T1H270JD01# |
| | | | 33pF | ±5% | GRM1556T1H330JD01# |
| | | | 39pF | ±5% | GRM1556T1H390JD01# |
| | | | 47pF | ±5% | GRM1556T1H470JD01# |
| | | | 56pF | ±5% | GRM1556T1H560JD01# |
| | | | 68pF | ±5% | GRM1556T1H680JD01# |
| | | | 82pF | ±5% | GRM1556T1H820JD01# |
| | | | 100pF | ±5% | GRM1556T1H101JD01# |
| | | TK | 1.0pF | ±0.25pF | GRM1554T1H1R0CD01# |
| | | | 2.0pF | ±0.25pF | GRM1554T1H2R0CD01# |
| | | TJ | 3.0pF | ±0.25pF | GRM1553T1H3R0CD01# |
| | | TH | 4.0pF | ±0.25pF | GRM1552T1H4R0CD01# |

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number | |
|-----------|------------------|------------|----------|--------------|------------------------------------|-----|
| 0.55mm | 50Vdc | TH | 5.0pF | ±0.25pF | GRM1552T1H5R0CD01# | |
| | | | 6.0pF | ±0.5pF | GRM1552T1H6R0DD01# | |
| | | | 7.0pF | ±0.5pF | GRM1552T1H7R0DD01# | |
| | | | 8.0pF | ±0.5pF | GRM1552T1H8R0DD01# | |
| | | | 9.0pF | ±0.5pF | GRM1552T1H9R0DD01# | |
| | | | 10pF | ±5% | GRM1552T1H100JD01# | |
| | | | 12pF | ±5% | GRM1552T1H120JD01# | |
| | | | 15pF | ±5% | GRM1552T1H150JD01# | |
| | | | 18pF | ±5% | GRM1552T1H180JD01# | |
| | | | 22pF | ±5% | GRM1552T1H220JD01# | _ |
| | | | 27pF | ±5% | GRM1552T1H270JD01# | _ |
| | | | 33pF | ±5% | GRM1552T1H330JD01# | |
| | | | 39pF | ±5% | GRM1552T1H390JD01# | _ |
| | | | 47pF | ±5% | GRM1552T1H470JD01# | |
| | | | 56pF | ±5% | GRM1552T1H560JD01# | _ |
| | | | 68pF | ±5% | GRM1552T1H680JD01# | _ |
| | | | 82pF | ±5% | GRM1552T1H820JD01# | _ |
| | | | - | ±5% | GRM1552T1H101JD01# | _ |
| | | UK | 100pF | | | _ |
| | | UK | 1.0pF | ±0.25pF | GRM1554U1H1R0CZ01# | _ |
| | | | 2.0pF | ±0.25pF | | |
| | | UJ | 3.0pF | ±0.25pF | | _ |
| | | | 4.0pF | ±0.25pF | | |
| | | | 5.0pF | ±0.25pF | | |
| | | | 6.0pF | ±0.5pF | GRM1553U1H6R0DZ01# | _ |
| | | | 7.0pF | ±0.5pF | GRM1553U1H7R0DZ01# | |
| | | | 8.0pF | ±0.5pF | GRM1553U1H8R0DZ01# | _ |
| | | | 9.0pF | ±0.5pF | GRM1553U1H9R0DZ01# | |
| | | | 10pF | ±5% | GRM1553U1H100JZ01# | |
| | | | 12pF | ±5% | GRM1553U1H120JZ01# | |
| | | | 15pF | ±5% | GRM1553U1H150JZ01# | |
| | | | 18pF | ±5% | GRM1553U1H180JZ01# | |
| | | | 22pF | ±5% | GRM1553U1H220JZ01# | |
| | | | 27pF | ±5% | GRM1553U1H270JZ01# | |
| | | | 33pF | ±5% | GRM1553U1H330JZ01# | |
| | | | 39pF | ±5% | GRM1553U1H390JZ01# | |
| | | | 47pF | ±5% | GRM1553U1H470JZ01# | |
| | | | 56pF | ±5% | GRM1553U1H560JZ01# | |
| | | | 68pF | ±5% | GRM1553U1H680JZ01# | |
| | | | 82pF | ±5% | GRM1553U1H820JZ01# | |
| | | | 100pF | ±5% | GRM1553U1H101JZ01# | |
| | | | 120pF | ±5% | GRM1553U1H121JZ01# | |
| | | | 150pF | ±5% | GRM1553U1H151JZ01# | |
| | | | 180pF | ±5% | GRM1553U1H181JZ01# | |
| | 10Vdc | SL | 1200pF | ±5% | GRM1551X1A122JA01# | |
| | | | 1500pF | ±5% | GRM1551X1A152JA01# | _ |
| | | | 1800pF | ±5% | GRM1551X1A182JA01# | _ |
| | | | 2200pF | ±5% | GRM1551X1A222JA01# | |
| | | | 2700pF | ±5% | GRM1551X1A272JA01# | |
| | | | 3300pF | ±5% | GRM1551X1A332JA01# | |
| | | | 3900pF | ±5% | GRM1551X1A392JA01# | _ |
| | | | 4700pF | ±5% | GRM1551X1A472JA01# | _ |
| | | U2J | 1200pF | ±5% | GRM1557U1A122JA01# | _ |
| | | | 1500pF | ±5% | GRM1557U1A152JA01# | _ |
| | | | 1800pF | ±5% | GRM1557U1A182JA01# | _ |
| | 1 | | Part nur | nber # indic | cates the package specification co | de. |



Т

max.

0.9mm

(→ **■** 1.0×0.5mm)

| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number |
|-----------|------------------|------------|--------|------|--------------------|
| 0.55mm | 10Vdc | U2J | 2200pF | ±5% | GRM1557U1A222JA01# |
| | | | 2700pF | ±5% | GRM1557U1A272JA01# |
| | | | 3300pF | ±5% | GRM1557U1A332JA01# |
| | | | 3900pF | ±5% | GRM1557U1A392JA01# |
| | | | 4700pF | ±5% | GRM1557U1A472JA01# |
| | | UJ | 1200pF | ±5% | GRM1553U1A122JA01# |
| | | | 1500pF | ±5% | GRM1553U1A152JA01# |
| | | | 1800pF | ±5% | GRM1553U1A182JA01# |
| | | | 2200pF | ±5% | GRM1553U1A222JA01# |
| | | | 2700pF | ±5% | GRM1553U1A272JA01# |
| | | | 3300pF | ±5% | GRM1553U1A332JA01# |
| | | | 3900pF | ±5% | GRM1553U1A392JA01# |
| | | | 4700pF | ±5% | GRM1553U1A472JA01# |

| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number |
|-----------|------------------|------------|---------|---------|--------------------|
| .5mm | 50Vdc | SL | 2200pF | ±5% | GRM1851X1H222JA44# |
| | | | 2700pF | ±5% | GRM1851X1H272JA44# |
| | | | 3300pF | ±5% | GRM1851X1H332JA44# |
| | | | 3900pF | ±5% | GRM1851X1H392JA44# |
| | | | 4700pF | ±5% | GRM1851X1H472JA44# |
| | | U2J | 2200pF | ±5% | GRM1857U1H222JA44# |
| | | | 2700pF | ±5% | GRM1857U1H272JA44# |
| | | | 3300pF | ±5% | GRM1857U1H332JA44# |
| | | | 3900pF | ±5% | GRM1857U1H392JA44# |
| | | | 4700pF | ±5% | GRM1857U1H472JA44# |
| | | UJ | 2200pF | ±5% | GRM1853U1H222JA44# |
| | | | 2700pF | ±5% | GRM1853U1H272JA44# |
| | | | 3300pF | ±5% | GRM1853U1H332JA44# |
| | | | 3900pF | ±5% | GRM1853U1H392JA44# |
| | | | 4700pF | ±5% | GRM1853U1H472JA44# |
| | 10Vdc | SL | 5600pF | ±5% | GRM1851X1A562JA44# |
| | | | 6800pF | ±5% | GRM1851X1A682JA44# |
| | | | 8200pF | ±5% | GRM1851X1A822JA44# |
| | | | 10000pF | ±5% | GRM1851X1A103JA44# |
| | | U2J | 5600pF | ±5% | GRM1857U1A562JA44# |
| | | | 6800pF | ±5% | GRM1857U1A682JA44# |
| | | | 8200pF | ±5% | GRM1857U1A822JA44# |
| | | | 10000pF | ±5% | GRM1857U1A103JA44# |
| | | UJ | 5600pF | ±5% | GRM1853U1A562JA44# |
| | | | 6800pF | ±5% | GRM1853U1A682JA44# |
| | | | 8200pF | ±5% | GRM1853U1A822JA44# |
| | | | 10000pF | ±5% | GRM1853U1A103JA44# |
| .9mm | 100Vdc | COG | 0.5pF | ±0.05pF | GRM1885C2AR50WA01# |
| | | | | ±0.1pF | GRM1885C2AR50BA01# |
| | | | 0.6pF | ±0.05pF | GRM1885C2AR60WA01# |
| | | | | ±0.1pF | GRM1885C2AR60BA01# |
| | | | 0.7pF | ±0.05pF | GRM1885C2AR70WA01# |
| | | | | ±0.1pF | GRM1885C2AR70BA01# |
| | | | 0.8pF | ±0.05pF | GRM1885C2AR80WA01# |
| | | | | ±0.1pF | GRM1885C2AR80BA01# |
| | | | 0.9pF | ±0.05pF | GRM1885C2AR90WA01# |

| Rate Volta | | TC Code | Cap. | Tol. | Part Number | |
|---------------|-----|------------|---------------------|--------------------|--|--|
| 100V | 'dc | C0G | 0.9pF | ±0.1pF | GRM1885C2AR90BA01# | |
| | | | 1.0pF | ±0.05pF | GRM1885C2A1R0WA01# | |
| | | | | ±0.1pF | GRM1885C2A1R0BA01# | |
| | | | | ±0.25pF | GRM1885C2A1R0CA01# | |
| | | | 1.1pF | ±0.05pF | GRM1885C2A1R1WA01# | |
| | | | | ±0.1pF | GRM1885C2A1R1BA01# | |
| | | | | ±0.25pF | GRM1885C2A1R1CA01# | |
| | | | 1.2pF | ±0.05pF | GRM1885C2A1R2WA01# | |
| | | | | ±0.1pF | GRM1885C2A1R2BA01# | |
| | | | | ±0.25pF | GRM1885C2A1R2CA01# | |
| | | | 1.3pF | ±0.05pF | GRM1885C2A1R3WA01# | |
| | | | | ±0.1pF | GRM1885C2A1R3BA01# | |
| | | | | ±0.25pF | GRM1885C2A1R3CA01# | |
| | | | 1.4pF | ±0.05pF | GRM1885C2A1R4WA01# | |
| | | | | ±0.1pF | GRM1885C2A1R4BA01# | |
| | | | | ±0.25pF | GRM1885C2A1R4CA01# | |
| | | | 1.5pF | ±0.05pF | GRM1885C2A1R5WA01# | |
| | | | | ±0.1pF | GRM1885C2A1R5BA01# | |
| | | | | ±0.25pF | GRM1885C2A1R5CA01# | |
| | | | 1.6pF | ±0.05pF | GRM1885C2A1R6WA01# | |
| | | | | ±0.1pF | GRM1885C2A1R6BA01# | |
| | | | | ±0.25pF | GRM1885C2A1R6CA01# | |
| | | | 1.7pF | ±0.05pF | GRM1885C2A1R7WA01# | |
| | | | | ±0.1pF | GRM1885C2A1R7BA01# | |
| | | | | ±0.25pF | GRM1885C2A1R7CA01# | |
| | | | 1.8pF | ±0.05pF | GRM1885C2A1R8WA01# | |
| | | | | ±0.1pF | GRM1885C2A1R8BA01# | |
| | | | | ±0.25pF | GRM1885C2A1R8CA01# | |
| | | | 1.9pF | ±0.05pF | GRM1885C2A1R9WA01# | |
| | | | | ±0.1pF | GRM1885C2A1R9BA01# | |
| | | | | ±0.25pF | GRM1885C2A1R9CA01# | |
| | | | 2.0pF | ±0.05pF | GRM1885C2A2R0WA01# | |
| | | | | ±0.1pF | GRM1885C2A2R0BA01# | |
| | | | 0.4 = | ±0.25pF | GRM1885C2A2R0CA01# | |
| | | | 2.1pF | ±0.05pF | GRM1885C2A2R1WA01# | |
| | | | | ±0.1pF | GRM1885C2A2R1BA01# | |
| | | | 00.5 | ±0.25pF | GRM1885C2A2R1CA01# | |
| | | | 2.2pF | ±0.05pF | GRM1885C2A2R2WA01# | |
| | | | | ±0.1pF | GRM1885C2A2R2BA01# GRM1885C2A2R2CA01# | |
| | | | 2 2nE | ±0.25pF ±0.05pF | GRM1885C2A2R3WA01# | |
| | | | 2.3pF | ±0.05pF | GRM1885C2A2R3WA01# | |
| | | | | ±0.1pi | GRM1885C2A2R3CA01# | |
| | | | 2.4pF | ±0.05pF | GRM1885C2A2R4WA01# | |
| | | | 2. - -pi | ±0.1pF | GRM1885C2A2R4BA01# | |
| | | | | ±0.1pi | GRM1885C2A2R4CA01# | |
| | | | 2.5pF | ±0.05pF | GRM1885C2A2R5WA01# | |
| | | | - 15.5 | ±0.1pF | GRM1885C2A2R5BA01# | |
| | | | | ±0.25pF | GRM1885C2A2R5CA01# | |
| | | | 2.6pF | ±0.05pF | GRM1885C2A2R6WA01# | |
| | | | | ±0.1pF | GRM1885C2A2R6BA01# | |
| | | | | ±0.25pF | GRM1885C2A2R6CA01# | |
| | | | 2.7pF | ±0.05pF | GRM1885C2A2R7WA01# | |
| | | | | ±0.1pF | GRM1885C2A2R7BA01# | |
| | _ | | | | | |

Part number # indicates the package specification code.



| To Notage Code Code Code 2.7pF ±0.25pF GRM1885C2A2R7CA01# ±0.1pF GRM1885C2A2R8CA01# ±0.1pF GRM1885C2A2R8CA01# ±0.25pF GRM1885C2A2R8CA01# ±0.25pF GRM1885C2A2R8CA01# ±0.25pF GRM1885C2A2R9CA01# ±0.25pF GRM1885C2A2R9CA01# ±0.25pF GRM1885C2A2R9CA01# ±0.25pF GRM1885C2A2R9CA01# ±0.25pF GRM1885C2A2R9CA01# ±0.25pF GRM1885C2A3R0CA01# ±0.25pF GRM1885C2A3R3CA01# ±0.25pF GRM1885C2A4R0A01# ±0.25pF GRM1885C2A4R0A01# ±0.25pF GRM1885C2A4R0A01# ±0.25pF GRM1885C2A4R0A01# ±0.25pF GRM1885C2A4R0A01# ±0.25pF GRM1885C2A4R3CA01# ±0.25pF GRM185C2A4R3CA01# ±0.25pF GRM185C2A4R3CA01# ±0.25pF GRM185C2A4R3CA01# ±0.25pF GRM185C2A4R3CA01# ±0.25pF GRM185C2A4R3CA | (→ ■ 1 | .6×0.81 | mm) | | | |
|--|--------|---------|-----|-------|---------|--------------------|
| 2.8pF | | 1 | | Сар. | Tol. | Part Number |
| #0.1pF | 0.9mm | 100Vdc | COG | 2.7pF | ±0.25pF | GRM1885C2A2R7CA01# |
| ### 10.25pF CRM1885C2A2R8A01# ### 20.05pF CRM1885C2A2R9A01# ### 20.25pF CRM1885C2A3R0A01# ### 20.05pF CRM1885C2A3R1A001# ### 20.05pF CRM1885C2A3R1A001# ### 20.05pF CRM1885C2A3R1A001# ### 20.05pF CRM1885C2A3R2A01# ### 20.05pF CRM1885C2A3R2A001# ### 20.05pF CRM1885C2A3R2A001# ### 20.05pF CRM1885C2A3R3A001# ### 20.05pF CRM1885C2A3R3BA01# ### 20.05pF CRM1885C2A4R0BA01# ### 20.05pF CRM1885C2A4R0A001# ### 20.05pF CRM1885C2A4R0A001# ### 20.05pF CRM1885C2A4R0A001# ### 20.05pF CRM1885C2A4R0A001# ### 20.05pF CRM1885C2A4 | | | | 2.8pF | ±0.05pF | GRM1885C2A2R8WA01# |
| 2.9pF | | | | | ±0.1pF | GRM1885C2A2R8BA01# |
| #0.1pF #0.85C2A2R9BA01# #0.25pF #0.85C2A3R0WA01# #0.25pF #0.85pF | | | | | ±0.25pF | GRM1885C2A2R8CA01# |
| ### 10.25pF GRM1885C2A2R9CA01# ### 20.05pF GRM1885C2A3R0WA01# ### 20.25pF GRM1885C2A3R0CA01# ### 20.05pF GRM1885C2A3R1WA01# ### 20.1pF GRM1885C2A3R1WA01# ### 20.25pF GRM1885C2A3R1WA01# ### 20.25pF GRM1885C2A3R1WA01# ### 20.25pF GRM1885C2A3R2WA01# ### 20.25pF GRM1885C2A3R2WA01# ### 20.25pF GRM1885C2A3R2WA01# ### 20.25pF GRM1885C2A3R3WA01# ### 20.25pF GRM1885C2A4R0WA01# ### 20.25pF GRM1885C2A4R3WA01# ### 20.25pF GRM1885C2A4R3WA01# ### 20.25pF GRM1885C2A4R3WA01# ### 20.25pF GRM1885C2A4R3WA01# #### 20.25pF GRM1885C2A4R3WA01# #### 20.25pF G | | | | 2.9pF | ±0.05pF | GRM1885C2A2R9WA01# |
| 3.0pF | | | | | ±0.1pF | GRM1885C2A2R9BA01# |
| 3.0pF | | | | | ±0.25pF | GRM1885C2A2R9CA01# |
| #0.1pF GRM1885C2A3R0BA01# #0.25pF GRM1885C2A3R1WA01# #0.1pF GRM1885C2A3R1WA01# #0.25pF GRM1885C2A3R1WA01# #0.25pF GRM1885C2A3R1WA01# #0.25pF GRM1885C2A3R2WA01# #0.25pF GRM1885C2A3R2WA01# #0.25pF GRM1885C2A3R3WA01# #0.1pF GRM1885C2A3R3WA01# #0.1pF GRM1885C2A3R3WA01# #0.1pF GRM1885C2A3R3WA01# #0.25pF GRM1885C2A3R3WA01# #0.1pF GRM1885C2A3R3WA01# #0.1pF GRM1885C2A3R3WA01# #0.1pF GRM1885C2A3R3WA01# #0.1pF GRM1885C2A3R3WA01# #0.1pF GRM1885C2A3R3WA01# #0.25pF GRM1885C2A4R0WA01# #0.25pF GRM1885C2A4R3WA01# #0.2 | | | | 3.0pF | | |
| ### ### ### ### ### ### ### ### ### ## | | | | • | ±0.1pF | GRM1885C2A3R0BA01# |
| 3.1pF | | | | | - | GRM1885C2A3R0CA01# |
| #0.1pF GRM1885C2A3R1BA01# | | | | 3.1pF | | |
| #0.25pF GRM1885C2A3R1CA01# #0.1pF GRM1885C2A3R2WA01# #0.25pF GRM1885C2A3R2WA01# #0.25pF GRM1885C2A3R3WA01# #0.1pF GRM1885C2A3R3WA01# #0.1pF GRM1885C2A3R3WA01# #0.25pF GRM1885C2A3R3WA01# #0.25pF GRM1885C2A3R3WA01# #0.25pF GRM1885C2A3R3WA01# #0.25pF GRM1885C2A3R4WA01# #0.25pF GRM1885C2A3R4WA01# #0.25pF GRM1885C2A3R4WA01# #0.25pF GRM1885C2A3R5WA01# #0.1pF GRM1885C2A3R5WA01# #0.25pF GRM1885C2A3R9WA01# #0.25pF GRM1885C2A3R9WA01# #0.1pF GRM1885C2A4R0WA01# #0.1pF GRM1885C2A4R0WA01# #0.25pF GRM1885C2A4R0WA01# #0.25pF GRM1885C2A4R1WA01# #0.25pF GRM1885C2A4R1WA01# #0.25pF GRM1885C2A4R1WA01# #0.25pF GRM1885C2A4R2WA01# #0.25pF GRM1885C2A4R2WA01# #0.25pF GRM1885C2A4R2WA01# #0.25pF GRM1885C2A4R2WA01# #0.25pF GRM1885C2A4R2WA01# #0.25pF GRM1885C2A4R3WA01# | | | | | | |
| 3.2pF | | | | | - | |
| #0.1pF GRM1885C2A3R2BA01# #0.25pF GRM1885C2A3R3WA01# #0.1pF GRM1885C2A3R3WA01# #0.25pF GRM1885C2A3R3WA01# #0.1pF GRM1885C2A3R3WA01# #0.25pF GRM1885C2A3R3WA01# #0.25pF GRM1885C2A3R3WA01# #0.25pF GRM1885C2A3R3WA01# #0.25pF GRM1885C2A3R3WA01# #0.25pF GRM1885C2A3R3WA01# #0.25pF GRM1885C2A4R3WA01# #0. | | | | 3.2nF | | |
| ### 10.25pF GRM1885C2A3R2CA01# ### 10.1pF GRM1885C2A3R3WA01# ### 10.25pF GRM1885C2A3R3WA01# ### 10.25pF GRM1885C2A3R3WA01# ### 10.25pF GRM1885C2A3R3WA01# ### 10.25pF GRM1885C2A3R4WA01# ### 10.25pF GRM1885C2A3R4WA01# ### 10.25pF GRM1885C2A3R4WA01# ### 10.25pF GRM1885C2A3R5WA01# ### 10.25pF GRM1885C2A3R5WA01# ### 10.1pF GRM1885C2A3R5WA01# ### 10.1pF GRM1885C2A3R5WA01# ### 10.1pF GRM1885C2A3R6WA01# ### 10.1pF GRM1885C2A3R6WA01# ### 10.1pF GRM1885C2A3R7WA01# ### 10.1pF GRM1885C2A3R7WA01# ### 10.1pF GRM1885C2A3R3WA01# ### 10.25pF GRM1885C2A4R0WA01# ### 10.25pF GRM1885C2A4R0MA01# ### 10.25pF GRM1885C2A4R3WA01# #### 10.25pF GRM1885C2A4R3WA01# ##### 10.25pF GRM1885C2A4R3WA01# ##### 10.25pF GRM1885C2A4R3WA01# ##### 10.25pF GRM1885C2A4R3WA01# ################################### | | | | ор. | - | |
| 3.3pF | | | | | - | |
| #0.1pF GRM1885C2A3R3BA01# #0.25pF GRM1885C2A3R3CA01# #0.05pF GRM1885C2A3R4WA01# #0.1pF GRM1885C2A3R4WA01# #0.25pF GRM1885C2A3R4CA01# #0.25pF GRM1885C2A3R5WA01# #0.1pF GRM1885C2A3R5WA01# #0.25pF GRM1885C2A3R5WA01# #0.25pF GRM1885C2A3R5BA01# #0.25pF GRM1885C2A3R5CA01# #0.05pF GRM1885C2A3R6WA01# #0.1pF GRM1885C2A3R6WA01# #0.25pF GRM1885C2A3R6WA01# #0.25pF GRM1885C2A3R6CA01# #0.25pF GRM1885C2A3R7WA01# #0.1pF GRM1885C2A3R7WA01# #0.25pF GRM1885C2A3R7WA01# #0.1pF GRM1885C2A3R8WA01# #0.25pF GRM1885C2A3R8WA01# #0.25pF GRM1885C2A3R8WA01# #0.25pF GRM1885C2A3R8WA01# #0.25pF GRM1885C2A3R9WA01# #0.1pF GRM1885C2A3R9WA01# #0.25pF GRM1885C2A3R9WA01# #0.25pF GRM1885C2A4R0WA01# #0.25pF GRM1885C2A4R0WA01# #0.25pF GRM1885C2A4R0WA01# #0.25pF GRM1885C2A4R0WA01# #0.25pF GRM1885C2A4R1WA01# #0.25pF GRM1885C2A4R1WA01# #0.25pF GRM1885C2A4R1CA01# #0.25pF GRM1885C2A4R1CA01# #0.25pF GRM1885C2A4R2WA01# #0.25pF GRM1885C2A4R2WA01# #0.25pF GRM1885C2A4R3WA01# #0.25pF GRM1885C2A4R4WA01# | | | | 3 3nF | | |
| ## ## ## ## ## ## ## ## ## ## ## ## ## | | | | 0.0pi | - | |
| 3.4pF ±0.05pF GRM1885C2A3R4WA01# ±0.1pF GRM1885C2A3R4BA01# ±0.25pF GRM1885C2A3R5WA01# ±0.1pF GRM1885C2A3R5WA01# ±0.1pF GRM1885C2A3R5WA01# ±0.25pF GRM1885C2A3R5WA01# ±0.25pF GRM1885C2A3R6WA01# ±0.25pF GRM1885C2A3R6WA01# ±0.25pF GRM1885C2A3R6WA01# ±0.25pF GRM1885C2A3R7WA01# ±0.1pF GRM1885C2A3R7WA01# ±0.25pF GRM1885C2A3R7WA01# ±0.25pF GRM1885C2A3R8WA01# ±0.25pF GRM1885C2A3R8WA01# ±0.25pF GRM1885C2A3R8WA01# ±0.25pF GRM1885C2A3R8WA01# ±0.25pF GRM1885C2A3R8WA01# ±0.25pF GRM1885C2A3R9WA01# ±0.1pF GRM1885C2A3R9WA01# ±0.05pF GRM1885C2A4R0WA01# ±0.05pF GRM1885C2A4R0WA01# ±0.05pF GRM1885C2A4R0WA01# ±0.05pF GRM1885C2A4R0WA01# ±0.05pF GRM1885C2A4R0WA01# ±0.05pF GRM1885C2A4R1WA01# ±0.05pF GRM1885C2A4R1WA01# ±0.05pF GRM1885C2A4R2WA01# ±0.05pF GRM1885C2A4R2WA01# ±0.05pF GRM1885C2A4R2WA01# ±0.05pF GRM1885C2A4R3WA01# ±0.05pF GRM1885C2A4R3WA01# ±0.05pF GRM1885C2A4R3WA01# ±0.05pF GRM1885C2A4R3WA01# ±0.05pF GRM1885C2A4R3WA01# ±0.05pF GRM1885C2A4R3WA01# ±0.05pF GRM1885C2A4R4WA01# | | | | | - | |
| #0.1pF GRM1885C2A3R4BA01# #0.25pF GRM1885C2A3R5WA01# #0.1pF GRM1885C2A3R5WA01# #0.1pF GRM1885C2A3R5BA01# #0.25pF GRM1885C2A3R5BA01# #0.25pF GRM1885C2A3R6WA01# #0.25pF GRM1885C2A3R6BA01# #0.25pF GRM1885C2A3R6BA01# #0.25pF GRM1885C2A3R6BA01# #0.25pF GRM1885C2A3R7WA01# #0.1pF GRM1885C2A3R7WA01# #0.1pF GRM1885C2A3R7BA01# #0.25pF GRM1885C2A3R7BA01# #0.25pF GRM1885C2A3R8WA01# #0.1pF GRM1885C2A3R8WA01# #0.1pF GRM1885C2A3R8BA01# #0.1pF GRM1885C2A3R8WA01# #0.1pF GRM1885C2A3R9WA01# #0.1pF GRM1885C2A3R9WA01# #0.1pF GRM1885C2A4R0WA01# #0.1pF GRM1885C2A4R0WA01# #0.1pF GRM1885C2A4R0WA01# #0.1pF GRM1885C2A4R0WA01# #0.25pF GRM1885C2A4R0WA01# #0.1pF GRM1885C2A4R1WA01# #0.1pF GRM1885C2A4R1WA01# #0.1pF GRM1885C2A4R1BA01# #0.25pF GRM1885C2A4R2WA01# #0.1pF GRM1885C2A4R2WA01# #0.1pF GRM1885C2A4R2WA01# #0.1pF GRM1885C2A4R2WA01# #0.25pF GRM1885C2A4R3WA01# #0.25pF GRM1885C2A4R3WA01# #0.25pF GRM1885C2A4R3WA01# #0.25pF GRM1885C2A4R3WA01# #0.25pF GRM1885C2A4R3WA01# #0.25pF GRM1885C2A4R3WA01# #0.25pF GRM1885C2A4R4WA01# | | | | 2.4pE | | |
| ### ### ############################## | | | | 3.4pi | - | |
| 3.5pF | | | | | - | |
| #0.1pF GRM1885C2A3R5BA01# #0.25pF GRM1885C2A3R6WA01# #0.1pF GRM1885C2A3R6BA01# #0.25pF GRM1885C2A3R6BA01# #0.25pF GRM1885C2A3R6BA01# #0.25pF GRM1885C2A3R6CA01# #0.1pF GRM1885C2A3R7WA01# #0.1pF GRM1885C2A3R7WA01# #0.1pF GRM1885C2A3R7CA01# #0.1pF GRM1885C2A3R8WA01# #0.25pF GRM1885C2A3R8WA01# #0.25pF GRM1885C2A3R8WA01# #0.1pF GRM1885C2A3R8WA01# #0.1pF GRM1885C2A3R9WA01# #0.1pF GRM1885C2A3R9WA01# #0.1pF GRM1885C2A3R9WA01# #0.1pF GRM1885C2A3R9WA01# #0.1pF GRM1885C2A4R0WA01# #0.1pF GRM1885C2A4R0WA01# #0.1pF GRM1885C2A4R0WA01# #0.1pF GRM1885C2A4R0WA01# #0.1pF GRM1885C2A4R1WA01# #0.1pF GRM1885C2A4R1WA01# #0.1pF GRM1885C2A4R1WA01# #0.1pF GRM1885C2A4R1CA01# #0.1pF GRM1885C2A4R2WA01# #0.1pF GRM1885C2A4R2WA01# #0.1pF GRM1885C2A4R3WA01# #0.25pF GRM1885C2A4R3WA01# #0.1pF GRM1885C2A4R4WA01# #0.1pF GRM1885C2A4R4WA01# #0.1pF GRM1885C2A4R4BA01# #0.25pF GRM1885C2A4R4BA01# #0.1pF GRM1885C2A4R4BA01# #0.1pF GRM1885C2A4R4BA01# #0.1pF GRM1885C2A4R4BA01# #0.1pF GRM1885C2A4R3WA01# | | | | 2 EnE | | |
| #0.25pF GRM1885C2A3R5CA01# #0.1pF GRM1885C2A3R6BA01# #0.25pF GRM1885C2A3R6BA01# #0.25pF GRM1885C2A3R6CA01# #0.25pF GRM1885C2A3R6CA01# #0.05pF GRM1885C2A3R7WA01# #0.1pF GRM1885C2A3R7WA01# #0.25pF GRM1885C2A3R7CA01# #0.25pF GRM1885C2A3R8WA01# #0.25pF GRM1885C2A3R8WA01# #0.25pF GRM1885C2A3R8CA01# #0.25pF GRM1885C2A3R8CA01# #0.25pF GRM1885C2A3R9WA01# #0.25pF GRM1885C2A3R9WA01# #0.25pF GRM1885C2A4R0WA01# #0.1pF GRM1885C2A4R0WA01# #0.25pF GRM1885C2A4R0WA01# #0.25pF GRM1885C2A4R0WA01# #0.25pF GRM1885C2A4R0BA01# #0.25pF GRM1885C2A4R1WA01# #0.25pF GRM1885C2A4R1WA01# #0.25pF GRM1885C2A4R1CA01# #0.25pF GRM1885C2A4R2WA01# #0.25pF GRM1885C2A4R2WA01# #0.25pF GRM1885C2A4R2WA01# #0.25pF GRM1885C2A4R2WA01# #0.25pF GRM1885C2A4R2WA01# #0.25pF GRM1885C2A4R3WA01# | | | | 3.5pr | - | |
| 3.6pF ±0.05pF GRM1885C2A3R6WA01# ±0.1pF GRM1885C2A3R6CA01# ±0.25pF GRM1885C2A3R6CA01# ±0.05pF GRM1885C2A3R7WA01# ±0.1pF GRM1885C2A3R7WA01# ±0.1pF GRM1885C2A3R7CA01# ±0.25pF GRM1885C2A3R8WA01# ±0.25pF GRM1885C2A3R8WA01# ±0.1pF GRM1885C2A3R8WA01# ±0.25pF GRM1885C2A3R9WA01# ±0.25pF GRM1885C2A3R9WA01# ±0.25pF GRM1885C2A3R9WA01# ±0.25pF GRM1885C2A3R9CA01# 4.0pF ±0.05pF GRM1885C2A4R0WA01# ±0.1pF GRM1885C2A4R0WA01# ±0.25pF GRM1885C2A4R0WA01# ±0.25pF GRM1885C2A4R1WA01# ±0.1pF GRM1885C2A4R1WA01# ±0.1pF GRM1885C2A4R1CA01# ±0.25pF GRM1885C2A4R1CA01# ±0.25pF GRM1885C2A4R2WA01# ±0.1pF GRM1885C2A4R2WA01# ±0.25pF GRM1885C2A4R2WA01# ±0.25pF GRM1885C2A4R3WA01# ±0.25pF GRM1885C2A4R4WA01# | | | | | | |
| #0.1pF GRM1885C2A3R6BA01# #0.25pF GRM1885C2A3R6CA01# 3.7pF #0.05pF GRM1885C2A3R7WA01# #0.1pF GRM1885C2A3R7CA01# 3.8pF #0.05pF GRM1885C2A3R8WA01# #0.1pF GRM1885C2A3R8WA01# #0.1pF GRM1885C2A3R8WA01# #0.1pF GRM1885C2A3R8WA01# #0.1pF GRM1885C2A3R9WA01# #0.25pF GRM1885C2A3R9WA01# #0.1pF GRM1885C2A3R9WA01# #0.25pF GRM1885C2A3R9CA01# 4.0pF #0.05pF GRM1885C2A3R9CA01# #0.1pF GRM1885C2A4R0WA01# #0.1pF GRM1885C2A4R0WA01# #0.1pF GRM1885C2A4R0WA01# #0.25pF GRM1885C2A4R1WA01# #0.1pF GRM1885C2A4R1WA01# #0.1pF GRM1885C2A4R1CA01# #0.25pF GRM1885C2A4R2WA01# #0.1pF GRM1885C2A4R2WA01# #0.25pF GRM1885C2A4R2WA01# #0.25pF GRM1885C2A4R2WA01# #0.25pF GRM1885C2A4R3WA01# #0.25pF GRM1885C2A4R4WA01# | | | | 0.65 | | |
| ### ### ############################## | | | | 3.6pF | | |
| 3.7pF ±0.05pF GRM1885C2A3R7WA01# ±0.25pF GRM1885C2A3R7BA01# ±0.25pF GRM1885C2A3R8WA01# ±0.25pF GRM1885C2A3R8WA01# ±0.25pF GRM1885C2A3R8WA01# ±0.25pF GRM1885C2A3R8WA01# ±0.1pF GRM1885C2A3R9WA01# ±0.1pF GRM1885C2A3R9WA01# ±0.25pF GRM1885C2A3R9WA01# ±0.25pF GRM1885C2A3R9CA01# 4.0pF ±0.05pF GRM1885C2A4R0WA01# ±0.25pF GRM1885C2A4R0WA01# ±0.25pF GRM1885C2A4R0CA01# ±0.1pF GRM1885C2A4R1WA01# ±0.1pF GRM1885C2A4R1WA01# ±0.1pF GRM1885C2A4R1WA01# ±0.25pF GRM1885C2A4R1WA01# ±0.25pF GRM1885C2A4R2WA01# ±0.25pF GRM1885C2A4R2WA01# ±0.25pF GRM1885C2A4R2WA01# ±0.25pF GRM1885C2A4R2CA01# 4.3pF ±0.05pF GRM1885C2A4R3WA01# ±0.25pF GRM1885C2A4R3WA01# ±0.25pF GRM1885C2A4R3WA01# ±0.25pF GRM1885C2A4R3WA01# ±0.25pF GRM1885C2A4R3WA01# ±0.25pF GRM1885C2A4R4WA01# | | | | | - | |
| #0.1pF GRM1885C2A3R7BA01# #0.25pF GRM1885C2A3R7CA01# 3.8pF #0.05pF GRM1885C2A3R8WA01# #0.1pF GRM1885C2A3R8WA01# #0.1pF GRM1885C2A3R8WA01# #0.1pF GRM1885C2A3R9WA01# #0.1pF GRM1885C2A3R9WA01# #0.1pF GRM1885C2A3R9WA01# #0.1pF GRM1885C2A3R9CA01# #0.25pF GRM1885C2A4R0WA01# #0.1pF GRM1885C2A4R0WA01# #0.1pF GRM1885C2A4R0WA01# #0.1pF GRM1885C2A4R1WA01# #0.1pF GRM1885C2A4R1WA01# #0.1pF GRM1885C2A4R1WA01# #0.1pF GRM1885C2A4R1WA01# #0.1pF GRM1885C2A4R1BA01# #0.25pF GRM1885C2A4R2WA01# #0.25pF GRM1885C2A4R3WA01# #0.25pF GRM1885C2A4R4WA01# #0.25pF GRM1885C2A4R4WA01# #0.25pF GRM1885C2A4R4WA01# #0.25pF GRM1885C2A4R4WA01# | | | | 0.7.5 | | |
| ### ### #### #### #################### | | | | 3./pF | - | |
| 3.8pF ±0.05pF GRM1885C2A3R8WA01# ±0.1pF GRM1885C2A3R8BA01# ±0.25pF GRM1885C2A3R9WA01# ±0.1pF GRM1885C2A3R9WA01# ±0.1pF GRM1885C2A3R9BA01# ±0.25pF GRM1885C2A3R9CA01# 4.0pF ±0.05pF GRM1885C2A4R0WA01# ±0.1pF GRM1885C2A4R0WA01# ±0.1pF GRM1885C2A4R0CA01# 4.1pF ±0.05pF GRM1885C2A4R1WA01# ±0.1pF GRM1885C2A4R1WA01# ±0.25pF GRM1885C2A4R1WA01# ±0.1pF GRM1885C2A4R1CA01# 4.2pF ±0.05pF GRM1885C2A4R2WA01# ±0.1pF GRM1885C2A4R2WA01# ±0.1pF GRM1885C2A4R2WA01# ±0.25pF GRM1885C2A4R3WA01# ±0.25pF GRM1885C2A4R3WA01# ±0.25pF GRM1885C2A4R3WA01# ±0.1pF GRM1885C2A4R3WA01# ±0.1pF GRM1885C2A4R3CA01# 4.3pF ±0.05pF GRM1885C2A4R3CA01# ±0.1pF GRM1885C2A4R3CA01# 4.4pF ±0.05pF GRM1885C2A4R3CA01# ±0.25pF GRM1885C2A4R4WA01# ±0.25pF GRM1885C2A4R4WA01# ±0.25pF GRM1885C2A4R4WA01# ±0.25pF GRM1885C2A4R3WA01# | | | | | - | |
| #0.1pF GRM1885C2A3R8BA01# #0.25pF GRM1885C2A3R8CA01# 3.9pF #0.05pF GRM1885C2A3R9WA01# #0.1pF GRM1885C2A3R9CA01# 4.0pF #0.05pF GRM1885C2A3R9CA01# #0.1pF GRM1885C2A4R0WA01# #0.25pF GRM1885C2A4R0BA01# #0.25pF GRM1885C2A4R0CA01# 4.1pF #0.05pF GRM1885C2A4R1WA01# #0.1pF GRM1885C2A4R1WA01# #0.25pF GRM1885C2A4R1WA01# #0.25pF GRM1885C2A4R1BA01# #0.1pF GRM1885C2A4R2WA01# #0.1pF GRM1885C2A4R2BA01# #0.1pF GRM1885C2A4R2BA01# #0.25pF GRM1885C2A4R3WA01# #0.25pF GRM1885C2A4R3WA01# #0.25pF GRM1885C2A4R3CA01# #0.25pF GRM1885C2A4R4CA01# #0.25pF GRM1885C2A4R3CA01# | | | | | | |
| #0.25pF GRM1885C2A3R8CA01# #0.05pF GRM1885C2A3R9WA01# #0.1pF GRM1885C2A3R9BA01# #0.25pF GRM1885C2A3R9CA01# #0.05pF GRM1885C2A4R0WA01# #0.1pF GRM1885C2A4R0BA01# #0.25pF GRM1885C2A4R0CA01# #0.25pF GRM1885C2A4R1WA01# #0.1pF GRM1885C2A4R1WA01# #0.1pF GRM1885C2A4R1CA01# #0.25pF GRM1885C2A4R2WA01# #0.1pF GRM1885C2A4R2WA01# #0.1pF GRM1885C2A4R2WA01# #0.1pF GRM1885C2A4R2WA01# #0.1pF GRM1885C2A4R3WA01# #0.25pF GRM1885C2A4R3WA01# #0.1pF GRM1885C2A4R3WA01# #0.1pF GRM1885C2A4R3WA01# #0.1pF GRM1885C2A4R3WA01# #0.1pF GRM1885C2A4R3WA01# #0.1pF GRM1885C2A4R3WA01# #0.25pF GRM1885C2A4R3CA01# #0.25pF GRM1885C2A4R4WA01# #0.25pF GRM1885C2A4R4WA01# #0.25pF GRM1885C2A4R4WA01# #0.25pF GRM1885C2A4R4WA01# #0.25pF GRM1885C2A4R4WA01# | | | | 3.8pF | - | |
| 3.9pF ±0.05pF GRM1885C2A3R9WA01# ±0.1pF GRM1885C2A3R9BA01# ±0.25pF GRM1885C2A4R0WA01# ±0.1pF GRM1885C2A4R0WA01# ±0.1pF GRM1885C2A4R0CA01# 4.1pF ±0.05pF GRM1885C2A4R1WA01# ±0.1pF GRM1885C2A4R1WA01# ±0.1pF GRM1885C2A4R1WA01# ±0.1pF GRM1885C2A4R1CA01# 4.2pF ±0.05pF GRM1885C2A4R2WA01# ±0.1pF GRM1885C2A4R2WA01# ±0.1pF GRM1885C2A4R2WA01# ±0.1pF GRM1885C2A4R3WA01# ±0.25pF GRM1885C2A4R3WA01# ±0.25pF GRM1885C2A4R3WA01# ±0.1pF GRM1885C2A4R3WA01# ±0.1pF GRM1885C2A4R3WA01# ±0.1pF GRM1885C2A4R3WA01# ±0.1pF GRM1885C2A4R3WA01# ±0.25pF GRM1885C2A4R4WA01# ±0.1pF GRM1885C2A4R4WA01# ±0.1pF GRM1885C2A4R4WA01# ±0.25pF GRM1885C2A4R4WA01# | | | | | | |
| #0.1pF GRM1885C2A3R9BA01# #0.25pF GRM1885C2A3R9CA01# 4.0pF #0.05pF GRM1885C2A4R0WA01# #0.1pF GRM1885C2A4R0CA01# 4.1pF #0.05pF GRM1885C2A4R1WA01# #0.1pF GRM1885C2A4R1WA01# #0.25pF GRM1885C2A4R1WA01# #0.25pF GRM1885C2A4R1CA01# 4.2pF #0.05pF GRM1885C2A4R2WA01# #0.1pF GRM1885C2A4R2WA01# #0.1pF GRM1885C2A4R2BA01# #0.25pF GRM1885C2A4R3WA01# #0.25pF GRM1885C2A4R3WA01# #0.1pF GRM1885C2A4R3WA01# #0.1pF GRM1885C2A4R3WA01# #0.1pF GRM1885C2A4R3CA01# #0.25pF GRM1885C2A4R3CA01# 4.4pF #0.05pF GRM1885C2A4R4WA01# #0.25pF GRM1885C2A4R4WA01# #0.25pF GRM1885C2A4R4WA01# #0.25pF GRM1885C2A4R4WA01# #0.25pF GRM1885C2A4R4CA01# #0.25pF GRM1885C2A4R3WA01# | | | | | - | |
| ### ### ############################## | | | | 3.9pF | - | |
| 4.0pF ±0.05pF GRM1885C2A4R0WA01# ±0.1pF GRM1885C2A4R0BA01# ±0.25pF GRM1885C2A4R1WA01# ±0.1pF ±0.05pF GRM1885C2A4R1BA01# ±0.25pF GRM1885C2A4R1BA01# ±0.25pF GRM1885C2A4R1CA01# 4.2pF ±0.05pF GRM1885C2A4R2WA01# ±0.1pF GRM1885C2A4R2BA01# ±0.1pF GRM1885C2A4R2BA01# ±0.25pF GRM1885C2A4R3WA01# ±0.1pF GRM1885C2A4R3WA01# ±0.1pF GRM1885C2A4R3WA01# ±0.1pF GRM1885C2A4R3CA01# 4.4pF ±0.05pF GRM1885C2A4R3CA01# ±0.1pF GRM1885C2A4R3CA01# ±0.25pF GRM1885C2A4R4WA01# ±0.25pF GRM1885C2A4R4WA01# ±0.25pF GRM1885C2A4R4WA01# ±0.25pF GRM1885C2A4R4CA01# | | | | | - | |
| #0.1pF GRM1885C2A4R0BA01# #0.25pF GRM1885C2A4R0CA01# 4.1pF #0.05pF GRM1885C2A4R1WA01# #0.1pF GRM1885C2A4R1BA01# #0.25pF GRM1885C2A4R1CA01# 4.2pF #0.05pF GRM1885C2A4R2WA01# #0.1pF GRM1885C2A4R2WA01# #0.25pF GRM1885C2A4R2BA01# #0.25pF GRM1885C2A4R3WA01# #0.25pF GRM1885C2A4R3WA01# #0.1pF GRM1885C2A4R3BA01# #0.25pF GRM1885C2A4R3CA01# 4.4pF #0.05pF GRM1885C2A4R3WA01# #0.25pF GRM1885C2A4R4WA01# #0.1pF GRM1885C2A4R4WA01# #0.25pF GRM1885C2A4R4WA01# #0.25pF GRM1885C2A4R4WA01# #0.25pF GRM1885C2A4R4CA01# | | | | | - | |
| ±0.25pF GRM1885C2A4R0CA01# 4.1pF ±0.05pF GRM1885C2A4R1WA01# ±0.1pF GRM1885C2A4R1BA01# ±0.25pF GRM1885C2A4R1CA01# 4.2pF ±0.05pF GRM1885C2A4R2WA01# ±0.1pF GRM1885C2A4R2BA01# ±0.25pF GRM1885C2A4R2BA01# ±0.25pF GRM1885C2A4R3WA01# ±0.1pF GRM1885C2A4R3WA01# ±0.1pF GRM1885C2A4R3WA01# ±0.1pF GRM1885C2A4R3CA01# 4.4pF ±0.05pF GRM1885C2A4R3CA01# 4.4pF ±0.05pF GRM1885C2A4R4WA01# ±0.1pF GRM1885C2A4R4WA01# ±0.1pF GRM1885C2A4R4WA01# ±0.25pF GRM1885C2A4R4CA01# | | | | 4.0pF | | |
| 4.1pF ±0.05pF GRM1885C2A4R1WA01# ±0.1pF GRM1885C2A4R1BA01# ±0.25pF GRM1885C2A4R1CA01# 4.2pF ±0.05pF GRM1885C2A4R2WA01# ±0.1pF GRM1885C2A4R2BA01# ±0.25pF GRM1885C2A4R2CA01# 4.3pF ±0.05pF GRM1885C2A4R3WA01# ±0.1pF GRM1885C2A4R3WA01# ±0.1pF GRM1885C2A4R3CA01# 4.4pF ±0.05pF GRM1885C2A4R3CA01# ±0.1pF GRM1885C2A4R4WA01# ±0.1pF GRM1885C2A4R4WA01# ±0.1pF GRM1885C2A4R4WA01# ±0.25pF GRM1885C2A4R4CA01# 4.5pF ±0.05pF GRM1885C2A4R5WA01# | | | | | - | |
| #0.1pF GRM1885C2A4R1BA01# #0.25pF GRM1885C2A4R1CA01# 4.2pF | | | | | - | |
| ±0.25pF GRM1885C2A4R1CA01# 4.2pF ±0.05pF GRM1885C2A4R2WA01# ±0.1pF GRM1885C2A4R2BA01# ±0.25pF GRM1885C2A4R2CA01# 4.3pF ±0.05pF GRM1885C2A4R3WA01# ±0.1pF GRM1885C2A4R3BA01# ±0.25pF GRM1885C2A4R3CA01# 4.4pF ±0.05pF GRM1885C2A4R3CA01# ±0.1pF GRM1885C2A4R4WA01# ±0.1pF GRM1885C2A4R4WA01# ±0.25pF GRM1885C2A4R4CA01# 4.5pF ±0.05pF GRM1885C2A4R4CA01# | | | | 4.1pF | - | |
| 4.2pF ±0.05pF GRM1885C2A4R2WA01# ±0.1pF GRM1885C2A4R2BA01# ±0.25pF GRM1885C2A4R2CA01# 4.3pF ±0.05pF GRM1885C2A4R3WA01# ±0.1pF GRM1885C2A4R3BA01# ±0.25pF GRM1885C2A4R3CA01# 4.4pF ±0.05pF GRM1885C2A4R4WA01# ±0.1pF GRM1885C2A4R4WA01# ±0.1pF GRM1885C2A4R4BA01# ±0.25pF GRM1885C2A4R4CA01# 4.5pF ±0.05pF GRM1885C2A4R5WA01# | | | | | - | |
| ±0.1pF GRM1885C2A4R2BA01# ±0.25pF GRM1885C2A4R2CA01# 4.3pF ±0.05pF GRM1885C2A4R3WA01# ±0.1pF GRM1885C2A4R3BA01# ±0.25pF GRM1885C2A4R3CA01# 4.4pF ±0.05pF GRM1885C2A4R4WA01# ±0.1pF GRM1885C2A4R4WA01# ±0.1pF GRM1885C2A4R4CA01# 4.5pF ±0.05pF GRM1885C2A4R5WA01# | | | | | ±0.25pF | GRM1885C2A4R1CA01# |
| ±0.25pF GRM1885C2A4R2CA01# 4.3pF ±0.05pF GRM1885C2A4R3WA01# ±0.1pF GRM1885C2A4R3BA01# ±0.25pF GRM1885C2A4R3CA01# 4.4pF ±0.05pF GRM1885C2A4R4WA01# ±0.1pF GRM1885C2A4R4WA01# ±0.25pF GRM1885C2A4R4CA01# 4.5pF ±0.05pF GRM1885C2A4R5WA01# | | | | 4.2pF | ±0.05pF | GRM1885C2A4R2WA01# |
| 4.3pF ±0.05pF GRM1885C2A4R3WA01# ±0.1pF GRM1885C2A4R3BA01# ±0.25pF GRM1885C2A4R3CA01# 4.4pF ±0.05pF GRM1885C2A4R4WA01# ±0.1pF GRM1885C2A4R4BA01# ±0.25pF GRM1885C2A4R4CA01# 4.5pF ±0.05pF GRM1885C2A4R5WA01# | | | | | ±0.1pF | GRM1885C2A4R2BA01# |
| ±0.1pF GRM1885C2A4R3BA01# ±0.25pF GRM1885C2A4R3CA01# 4.4pF ±0.05pF GRM1885C2A4R4WA01# ±0.1pF GRM1885C2A4R4BA01# ±0.25pF GRM1885C2A4R4CA01# 4.5pF ±0.05pF GRM1885C2A4R5WA01# | | | | | ±0.25pF | GRM1885C2A4R2CA01# |
| ±0.25pF GRM1885C2A4R3CA01# 4.4pF ±0.05pF GRM1885C2A4R4WA01# ±0.1pF GRM1885C2A4R4BA01# ±0.25pF GRM1885C2A4R4CA01# 4.5pF ±0.05pF GRM1885C2A4R5WA01# | | | | 4.3pF | ±0.05pF | GRM1885C2A4R3WA01# |
| 4.4pF ±0.05pF GRM1885C2A4R4WA01# ±0.1pF GRM1885C2A4R4BA01# ±0.25pF GRM1885C2A4R4CA01# 4.5pF ±0.05pF GRM1885C2A4R5WA01# | | | | | ±0.1pF | GRM1885C2A4R3BA01# |
| ±0.1pF | | | | | ±0.25pF | GRM1885C2A4R3CA01# |
| ±0.25pF GRM1885C2A4R4CA01# 4.5pF ±0.05pF GRM1885C2A4R5WA01# | | | | 4.4pF | ±0.05pF | GRM1885C2A4R4WA01# |
| 4.5pF ±0.05pF GRM1885C2A4R5WA01# | | | | | ±0.1pF | GRM1885C2A4R4BA01# |
| | | | | | ±0.25pF | GRM1885C2A4R4CA01# |
| ±0.1pF GRM1885C2A4R5BA01# | | | | 4.5pF | ±0.05pF | GRM1885C2A4R5WA01# |
| | | | | | ±0.1pF | GRM1885C2A4R5BA01# |

| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number | |
|-----------|------------------|------------|-------|---------|--------------------|--|
| 0.9mm | 100Vdc | COG | 4.5pF | ±0.25pF | GRM1885C2A4R5CA01# | |
| | | | 4.6pF | ±0.05pF | GRM1885C2A4R6WA01# | |
| | | | | ±0.1pF | GRM1885C2A4R6BA01# | |
| | | | | ±0.25pF | GRM1885C2A4R6CA01# | |
| | | | 4.7pF | ±0.05pF | GRM1885C2A4R7WA01# | |
| | | | | ±0.1pF | GRM1885C2A4R7BA01# | |
| | | | | ±0.25pF | GRM1885C2A4R7CA01# | |
| | | | 4.8pF | ±0.05pF | GRM1885C2A4R8WA01# | |
| | | | | ±0.1pF | GRM1885C2A4R8BA01# | |
| | | | | ±0.25pF | GRM1885C2A4R8CA01# | |
| | | | 4.9pF | ±0.05pF | GRM1885C2A4R9WA01# | |
| | | | | ±0.1pF | GRM1885C2A4R9BA01# | |
| | | | | ±0.25pF | GRM1885C2A4R9CA01# | |
| | | | 5.0pF | ±0.05pF | GRM1885C2A5R0WA01# | |
| | | | | ±0.1pF | GRM1885C2A5R0BA01# | |
| | | | | ±0.25pF | GRM1885C2A5R0CA01# | |
| | | | 5.1pF | ±0.05pF | GRM1885C2A5R1WA01# | |
| | | | | ±0.1pF | GRM1885C2A5R1BA01# | |
| | | | | ±0.25pF | GRM1885C2A5R1CA01# | |
| | | | | ±0.5pF | GRM1885C2A5R1DA01# | |
| | | | 5.2pF | ±0.05pF | GRM1885C2A5R2WA01# | |
| | | | | ±0.1pF | GRM1885C2A5R2BA01# | |
| | | | | ±0.25pF | GRM1885C2A5R2CA01# | |
| | | | | ±0.5pF | GRM1885C2A5R2DA01# | |
| | | | 5.3pF | ±0.05pF | GRM1885C2A5R3WA01# | |
| | | | | ±0.1pF | GRM1885C2A5R3BA01# | |
| | | | | ±0.25pF | GRM1885C2A5R3CA01# | |
| | | | | ±0.5pF | GRM1885C2A5R3DA01# | |
| | | | 5.4pF | ±0.05pF | GRM1885C2A5R4WA01# | |
| | | | | ±0.1pF | GRM1885C2A5R4BA01# | |
| | | | | ±0.25pF | GRM1885C2A5R4CA01# | |
| | | | | ±0.5pF | GRM1885C2A5R4DA01# | |
| | | | 5.5pF | ±0.05pF | GRM1885C2A5R5WA01# | |
| | | | | ±0.1pF | GRM1885C2A5R5BA01# | |
| | | | | ±0.25pF | GRM1885C2A5R5CA01# | |
| | | | | ±0.5pF | GRM1885C2A5R5DA01# | |
| | | | 5.6pF | ±0.05pF | GRM1885C2A5R6WA01# | |
| | | | | ±0.1pF | GRM1885C2A5R6BA01# | |
| | | | | ±0.25pF | GRM1885C2A5R6CA01# | |
| | | | | ±0.5pF | GRM1885C2A5R6DA01# | |
| | | | 5.7pF | ±0.05pF | GRM1885C2A5R7WA01# | |
| | | | | ±0.1pF | GRM1885C2A5R7BA01# | |
| | | | | ±0.25pF | GRM1885C2A5R7CA01# | |
| | | | | ±0.5pF | GRM1885C2A5R7DA01# | |
| | | | 5.8pF | ±0.05pF | GRM1885C2A5R8WA01# | |
| | | | | ±0.1pF | GRM1885C2A5R8BA01# | |
| | | | | ±0.25pF | GRM1885C2A5R8CA01# | |
| | | | | ±0.5pF | GRM1885C2A5R8DA01# | |
| | | | 5.9pF | ±0.05pF | GRM1885C2A5R9WA01# | |
| | | | | ±0.1pF | GRM1885C2A5R9BA01# | |
| | | | | ±0.25pF | GRM1885C2A5R9CA01# | |
| | | | | ±0.5pF | GRM1885C2A5R9DA01# | |
| | | | 6.0pF | ±0.05pF | GRM1885C2A6R0WA01# | |
| | | | | ±0.1pF | GRM1885C2A6R0BA01# | |



| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number |
|-----------|------------------|------------|---------|---------|--------------------|
| 0.9mm | 100Vdc | COG | 6.0pF | ±0.25pF | GRM1885C2A6R0CA01# |
| | | | | ±0.5pF | GRM1885C2A6R0DA01# |
| | | | 6.1pF | ±0.05pF | GRM1885C2A6R1WA01# |
| | | | | ±0.1pF | GRM1885C2A6R1BA01# |
| | | | | ±0.25pF | GRM1885C2A6R1CA01# |
| | | | | ±0.5pF | GRM1885C2A6R1DA01# |
| | | | 6.2pF | ±0.05pF | GRM1885C2A6R2WA01# |
| | | | | ±0.1pF | GRM1885C2A6R2BA01# |
| | | | | ±0.25pF | GRM1885C2A6R2CA01# |
| | | | | ±0.5pF | GRM1885C2A6R2DA01# |
| | | | 6.3pF | ±0.05pF | GRM1885C2A6R3WA01# |
| | | | • | ±0.1pF | GRM1885C2A6R3BA01# |
| | | | | ±0.25pF | GRM1885C2A6R3CA01# |
| | | | | ±0.5pF | GRM1885C2A6R3DA01# |
| | | | 6.4pF | ±0.05pF | GRM1885C2A6R4WA01# |
| | | | o. ipi | ±0.1pF | GRM1885C2A6R4BA01# |
| | | | | | GRM1885C2A6R4CA01# |
| | | | | ±0.25pF | GRM1885C2A6R4DA01# |
| | | | C 5 2 5 | ±0.5pF | |
| | | | 6.5pF | ±0.05pF | GRM1885C2A6R5WA01# |
| | | | | ±0.1pF | GRM1885C2A6R5BA01# |
| | | | | ±0.25pF | GRM1885C2A6R5CA01# |
| | | | | ±0.5pF | GRM1885C2A6R5DA01# |
| | | | 6.6pF | ±0.05pF | GRM1885C2A6R6WA01# |
| | | | | ±0.1pF | GRM1885C2A6R6BA01# |
| | | | | ±0.25pF | GRM1885C2A6R6CA01# |
| | | | | ±0.5pF | GRM1885C2A6R6DA01# |
| | | | 6.7pF | ±0.05pF | GRM1885C2A6R7WA01# |
| | | | | ±0.1pF | GRM1885C2A6R7BA01# |
| | | | | ±0.25pF | GRM1885C2A6R7CA01# |
| | | | | ±0.5pF | GRM1885C2A6R7DA01# |
| | | | 6.8pF | ±0.05pF | GRM1885C2A6R8WA01# |
| | | | | ±0.1pF | GRM1885C2A6R8BA01# |
| | | | | ±0.25pF | GRM1885C2A6R8CA01# |
| | | | | ±0.5pF | GRM1885C2A6R8DA01# |
| | | | 6.9pF | ±0.05pF | GRM1885C2A6R9WA01# |
| | | | • | ±0.1pF | GRM1885C2A6R9BA01# |
| | | | | ±0.25pF | GRM1885C2A6R9CA01# |
| | | | | ±0.5pF | GRM1885C2A6R9DA01# |
| | | | 7.0pF | ±0.05pF | GRM1885C2A7R0WA01# |
| | | | 7.001 | ±0.1pF | GRM1885C2A7R0BA01# |
| | | | | | |
| | | | | ±0.25pF | GRM1885C2A7R0CA01# |
| | | | | ±0.5pF | GRM1885C2A7R0DA01# |
| | | | 7.1pF | ±0.05pF | GRM1885C2A7R1WA01# |
| | | | | ±0.1pF | GRM1885C2A7R1BA01# |
| | | | | ±0.25pF | GRM1885C2A7R1CA01# |
| | | | | ±0.5pF | GRM1885C2A7R1DA01# |
| | | | 7.2pF | ±0.05pF | GRM1885C2A7R2WA01# |
| | | | | ±0.1pF | GRM1885C2A7R2BA01# |
| | | | | ±0.25pF | GRM1885C2A7R2CA01# |
| | | | | ±0.5pF | GRM1885C2A7R2DA01# |
| | | | 7.3pF | ±0.05pF | GRM1885C2A7R3WA01# |
| | | | | ±0.1pF | GRM1885C2A7R3BA01# |
| | | | | ±0.25pF | GRM1885C2A7R3CA01# |
| | | | | ±0.5pF | GRM1885C2A7R3DA01# |

| T Rate | | l Can | Tol. | Part Number | |
|--------------|-------|---------|-------------------|--|--|
| max. Volta | | | +0.05pE | CDM1005C2A7D4WA01# | |
| 0.9mm 100V | dc C0 | G 7.4pF | ±0.05pF ±0.1pF | GRM1885C2A7R4WA01# GRM1885C2A7R4BA01# | |
| | | | ±0.25pF | GRM1885C2A7R4CA01# | |
| | | | ±0.25pf | GRM1885C2A7R4DA01# | |
| | | 7.5pF | ±0.05pF | GRM1885C2A7R5WA01# | |
| | | 7.501 | ±0.05pi | GRM1885C2A7R5BA01# | |
| | | | ±0.25pF | | |
| | | | ±0.5pF | GRM1885C2A7R5DA01# | |
| | | 7.6pF | ±0.05pF | GRM1885C2A7R6WA01# | |
| | | 7.001 | ±0.05pi | GRM1885C2A7R6BA01# | |
| | | | ±0.25pF | GRM1885C2A7R6CA01# | |
| | | | · | GRM1885C2A7R6DA01# | |
| | | 7.7pF | ±0.5pF ±0.05pF | | |
| | | 7.701 | · · | GRM1885C2A7R7WA01# | |
| | | | ±0.1pF | | |
| | | | ±0.25pF | GRM1885C2A7R7CA01# GRM1885C2A7R7DA01# | |
| | | 7.8pF | ±0.5pF | GRM1885C2A7R8WA01# | |
| | | 7.001 | ±0.05pF ±0.1pF | GRM1885C2A7R8BA01# | |
| | | | ±0.25pF | GRM1885C2A7R8CA01# | |
| | | | ±0.5pF | GRM1885C2A7R8DA01# | |
| | | 7.9pF | ±0.05pF | GRM1885C2A7R9WA01# | |
| | | 7.501 | ±0.1pF | GRM1885C2A7R9BA01# | |
| | | | ±0.25pF | GRM1885C2A7R9CA01# | |
| | | | ±0.5pF | GRM1885C2A7R9DA01# | |
| | | 8.0pF | ±0.05pF | GRM1885C2A8R0WA01# | |
| | | 0.001 | ±0.1pF | GRM1885C2A8R0BA01# | |
| | | | ±0.25pF | GRM1885C2A8R0CA01# | |
| | | | ±0.5pF | GRM1885C2A8R0DA01# | |
| | | 8.1pF | ±0.05pF | GRM1885C2A8R1WA01# | |
| | | 0p. | ±0.1pF | GRM1885C2A8R1BA01# | |
| | | | ±0.25pF | GRM1885C2A8R1CA01# | |
| | | | ±0.5pF | GRM1885C2A8R1DA01# | |
| | | 8.2pF | ±0.05pF | | |
| | | | ±0.1pF | GRM1885C2A8R2BA01# | |
| | | | ±0.25pF | | |
| | | | ±0.5pF | GRM1885C2A8R2DA01# | |
| | | 8.3pF | ±0.05pF | | |
| | | | ±0.1pF | GRM1885C2A8R3BA01# | |
| | | | ±0.25pF | GRM1885C2A8R3CA01# | |
| | | | ±0.5pF | GRM1885C2A8R3DA01# | |
| | | 8.4pF | ±0.05pF | GRM1885C2A8R4WA01# | |
| | | | ±0.1pF | GRM1885C2A8R4BA01# | |
| | | | ±0.25pF | GRM1885C2A8R4CA01# | |
| | | | ±0.5pF | GRM1885C2A8R4DA01# | |
| | | 8.5pF | ±0.05pF | | |
| | | ' | ±0.1pF | GRM1885C2A8R5BA01# | |
| | | | ±0.25pF | GRM1885C2A8R5CA01# | |
| | | | ±0.5pF | GRM1885C2A8R5DA01# | |
| | | 8.6pF | ±0.05pF | GRM1885C2A8R6WA01# | |
| | | | ±0.1pF | GRM1885C2A8R6BA01# | |
| | | | ±0.25pF | GRM1885C2A8R6CA01# | |
| | 1 | | T | | |
| | | | ±0.5pF | GRM1885C2A8R6DA01# | |
| | | 8.7pF | ±0.5pF ±0.05pF | GRM1885C2A8R6DA01# GRM1885C2A8R7WA01# | |

| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number |
|-----------|------------------|------------|--------|---------|--------------------|
| 0.9mm | 100Vdc | COG | 8.7pF | ±0.25pF | GRM1885C2A8R7CA01# |
| | | | - · P. | ±0.5pF | GRM1885C2A8R7DA01# |
| | | | 8.8pF | ±0.05pF | GRM1885C2A8R8WA01# |
| | | | | ±0.1pF | GRM1885C2A8R8BA01# |
| | | | | ±0.1pi | GRM1885C2A8R8CA01# |
| | | | | ±0.5pF | GRM1885C2A8R8DA01# |
| | | | 8.9pF | ±0.05pF | |
| | | | 0.эрі | ±0.1pF | GRM1885C2A8R9BA01# |
| | | | | | |
| | | | | ±0.25pF | GRM1885C2A8R9CA01# |
| | | | 0.0-5 | ±0.5pF | GRM1885C2A8R9DA01# |
| | | | 9.0pF | ±0.05pF | GRM1885C2A9R0WA01# |
| | | | | ±0.1pF | GRM1885C2A9R0BA01# |
| | | | | ±0.25pF | GRM1885C2A9R0CA01# |
| | | | | ±0.5pF | GRM1885C2A9R0DA01# |
| | | | 9.1pF | ±0.05pF | GRM1885C2A9R1WA01# |
| | | | | ±0.1pF | GRM1885C2A9R1BA01# |
| | | | | ±0.25pF | GRM1885C2A9R1CA01# |
| | | | | ±0.5pF | GRM1885C2A9R1DA01# |
| | | | 9.2pF | ±0.05pF | GRM1885C2A9R2WA01# |
| | | | | ±0.1pF | GRM1885C2A9R2BA01# |
| | | | | ±0.25pF | GRM1885C2A9R2CA01# |
| | | | | ±0.5pF | GRM1885C2A9R2DA01# |
| | | | 9.3pF | ±0.05pF | GRM1885C2A9R3WA01# |
| | | | | ±0.1pF | GRM1885C2A9R3BA01# |
| | | | | ±0.25pF | GRM1885C2A9R3CA01# |
| | | | | ±0.5pF | GRM1885C2A9R3DA01# |
| | | | 9.4pF | ±0.05pF | GRM1885C2A9R4WA01# |
| | | | 9.4pi | - | |
| | | | | ±0.1pF | GRM1885C2A9R4BA01# |
| | | | | ±0.25pF | GRM1885C2A9R4CA01# |
| | | | | ±0.5pF | GRM1885C2A9R4DA01# |
| | | | 9.5pF | ±0.05pF | GRM1885C2A9R5WA01# |
| | | | | ±0.1pF | GRM1885C2A9R5BA01# |
| | | | | ±0.25pF | GRM1885C2A9R5CA01# |
| | | | | ±0.5pF | GRM1885C2A9R5DA01# |
| | | | 9.6pF | ±0.05pF | GRM1885C2A9R6WA01# |
| | | | | ±0.1pF | GRM1885C2A9R6BA01# |
| | | | | ±0.25pF | GRM1885C2A9R6CA01# |
| | | | | ±0.5pF | GRM1885C2A9R6DA01# |
| | | | 9.7pF | ±0.05pF | GRM1885C2A9R7WA01# |
| | | | | ±0.1pF | GRM1885C2A9R7BA01# |
| | | | | ±0.25pF | GRM1885C2A9R7CA01# |
| | | | | ±0.5pF | GRM1885C2A9R7DA01# |
| | | | 9.8pF | ±0.05pF | GRM1885C2A9R8WA01# |
| | | | - 1 | ±0.1pF | GRM1885C2A9R8BA01# |
| | | | | ±0.25pF | GRM1885C2A9R8CA01# |
| | | | | ±0.5pF | GRM1885C2A9R8DA01# |
| | | | Q QnE | - | |
| | | | 9.9pF | ±0.05pF | GRM1885C2A9R9WA01# |
| | | | | ±0.1pF | GRM1885C2A9R9BA01# |
| | | | | ±0.25pF | GRM1885C2A9R9CA01# |
| | | | | ±0.5pF | GRM1885C2A9R9DA01# |
| | | | 10pF | ±5% | GRM1885C2A100JA01# |
| | | | 12pF | ±5% | GRM1885C2A120JA01# |
| | | | 15pF | ±5% | GRM1885C2A150JA01# |
| | 1 | | 18pF | ±5% | GRM1885C2A180JA01# |

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number | |
|-----------|------------------|------------|----------|-------------------|--|-------|
| 0.9mm | 100Vdc | COG | 22pF | ±5% | GRM1885C2A220JA01# | |
| | | | 27pF | ±5% | GRM1885C2A270JA01# | |
| | | | 33pF | ±5% | GRM1885C2A330JA01# | |
| | | | 39pF | ±5% | GRM1885C2A390JA01# | |
| | | | 47pF | ±5% | GRM1885C2A470JA01# | |
| | | | 56pF | ±5% | GRM1885C2A560JA01# | |
| | | | 68pF | ±5% | GRM1885C2A680JA01# | |
| | | | 82pF | ±5% | GRM1885C2A820JA01# | |
| | | | 100pF | ±5% | GRM1885C2A101JA01# | |
| | | | 120pF | ±5% | GRM1885C2A121JA01# | |
| | | | 150pF | ±5% | GRM1885C2A151JA01# | |
| | | | 180pF | ±5% | GRM1885C2A181JA01# | |
| | | | 220pF | ±5% | GRM1885C2A221JA01# | |
| | | | 270pF | ±5% | GRM1885C2A271JA01# | |
| | | | 330pF | ±5% | GRM1885C2A331JA01# | |
| | | | 390pF | ±5% | GRM1885C2A391JA01# | |
| | | | 470pF | ±5% | GRM1885C2A471JA01# | |
| | | | 560pF | ±5% | GRM1885C2A561JA01# | |
| | | | 680pF | ±5% | GRM1885C2A681JA01# | |
| | | | 820pF | ±5% | GRM1885C2A821JA01# | |
| | | | 1000pF | ±5% | GRM1885C2A102JA01# | |
| | | | 1200pF | ±5% | GRM1885C2A122JA01# | |
| | | | 1500pF | ±5% | GRM1885C2A152JA01# | |
| | | CK | 0.5pF | ±0.05pF | GRM1884C2AR50WA01# | |
| | | | 00.5 | ±0.1pF | GRM1884C2AR50BA01# | |
| | | | 0.6pF | ±0.05pF | | |
| | | | 0.7-5 | ±0.1pF | GRM1884C2AR60BA01# | |
| | | | 0.7pF | ±0.05pF | GRM1884C2AR70WA01# GRM1884C2AR70BA01# | |
| | | | 0.8pF | ±0.1pF | GRM1884C2AR80WA01# | |
| | | | 0.001 | ±0.05pF ±0.1pF | GRM1884C2AR80BA01# | |
| | | | 0.9pF | ±0.05pF | | |
| | | | 0.5рі | ±0.1pF | GRM1884C2AR90BA01# | |
| | | | 1.0pF | ±0.05pF | GRM1884C2A1R0WA01# | |
| | | | | ±0.1pF | GRM1884C2A1R0BA01# | |
| | | | | ±0.25pF | | |
| | | | 1.1pF | ±0.05pF | GRM1884C2A1R1WA01# | |
| | | | | ±0.1pF | GRM1884C2A1R1BA01# | |
| | | | | ±0.25pF | GRM1884C2A1R1CA01# | |
| | | | 1.2pF | ±0.05pF | GRM1884C2A1R2WA01# | |
| | | | | ±0.1pF | GRM1884C2A1R2BA01# | |
| | | | | ±0.25pF | GRM1884C2A1R2CA01# | |
| | | | 1.3pF | ±0.05pF | GRM1884C2A1R3WA01# | |
| | | | | ±0.1pF | GRM1884C2A1R3BA01# | |
| | | | | ±0.25pF | GRM1884C2A1R3CA01# | |
| | | | 1.4pF | ±0.05pF | GRM1884C2A1R4WA01# | |
| | | | | ±0.1pF | GRM1884C2A1R4BA01# | |
| | | | | ±0.25pF | GRM1884C2A1R4CA01# | |
| | | | 1.5pF | ±0.05pF | GRM1884C2A1R5WA01# | |
| | | | | ±0.1pF | GRM1884C2A1R5BA01# | |
| | | | | ±0.25pF | GRM1884C2A1R5CA01# | |
| | | | 1.6pF | ±0.05pF | GRM1884C2A1R6WA01# | |
| | | | | ±0.1pF | GRM1884C2A1R6BA01# | |
| | | | | ±0.25pF | GRM1884C2A1R6CA01# | |
| | | | Part nun | nber # indic | cates the package specification | code. |



| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number |
|-----------|------------------|------------|-------|---------|--------------------|
|).9mm | 100Vdc | CK | 1.7pF | ±0.05pF | GRM1884C2A1R7WA01# |
| | | | | ±0.1pF | GRM1884C2A1R7BA01# |
| | | | | ±0.25pF | GRM1884C2A1R7CA01# |
| | | | 1.8pF | ±0.05pF | GRM1884C2A1R8WA01# |
| | | | | ±0.1pF | GRM1884C2A1R8BA01# |
| | | | | ±0.25pF | GRM1884C2A1R8CA01# |
| | | | 1.9pF | ±0.05pF | GRM1884C2A1R9WA01# |
| | | | | ±0.1pF | GRM1884C2A1R9BA01# |
| | | | | ±0.25pF | GRM1884C2A1R9CA01# |
| | | | 2.0pF | ±0.05pF | GRM1884C2A2R0WA01# |
| | | | • | ±0.1pF | GRM1884C2A2R0BA01# |
| | | | | ±0.25pF | GRM1884C2A2R0CA01# |
| | | CJ | 2.1pF | ±0.05pF | GRM1883C2A2R1WA01# |
| | | | | ±0.1pF | GRM1883C2A2R1BA01# |
| | | | | ±0.25pF | GRM1883C2A2R1CA01# |
| | | | 2.2pF | ±0.05pF | GRM1883C2A2R2WA01# |
| | | | 2pi | ±0.05pi | GRM1883C2A2R2BA01# |
| | | | | ±0.1pF | GRM1883C2A2R2CA01# |
| | | | 0.05 | | |
| | | | 2.3pF | ±0.05pF | GRM1883C2A2R3WA01# |
| | | | | ±0.1pF | GRM1883C2A2R3BA01# |
| | | | | ±0.25pF | GRM1883C2A2R3CA01# |
| | | | 2.4pF | ±0.05pF | GRM1883C2A2R4WA01# |
| | | | | ±0.1pF | GRM1883C2A2R4BA01# |
| | | | | ±0.25pF | GRM1883C2A2R4CA01# |
| | | | 2.5pF | ±0.05pF | GRM1883C2A2R5WA01# |
| | | | | ±0.1pF | GRM1883C2A2R5BA01# |
| | | | | ±0.25pF | GRM1883C2A2R5CA01# |
| | | | 2.6pF | ±0.05pF | GRM1883C2A2R6WA01# |
| | | | | ±0.1pF | GRM1883C2A2R6BA01# |
| | | | | ±0.25pF | GRM1883C2A2R6CA01# |
| | | | 2.7pF | ±0.05pF | GRM1883C2A2R7WA01# |
| | | | | ±0.1pF | GRM1883C2A2R7BA01# |
| | | | | ±0.25pF | GRM1883C2A2R7CA01# |
| | | | 2.8pF | ±0.05pF | GRM1883C2A2R8WA01# |
| | | | | ±0.1pF | GRM1883C2A2R8BA01# |
| | | | | ±0.25pF | GRM1883C2A2R8CA01# |
| | | | 2.9pF | ±0.05pF | GRM1883C2A2R9WA01# |
| | | | • | ±0.1pF | GRM1883C2A2R9BA01# |
| | | | | ±0.25pF | GRM1883C2A2R9CA01# |
| | | | 3.0pF | ±0.05pF | GRM1883C2A3R0WA01# |
| | | | 0.00. | ±0.1pF | GRM1883C2A3R0BA01# |
| | | | | ±0.25pF | GRM1883C2A3R0CA01# |
| | | | 3.1pF | ±0.05pF | GRM1883C2A3R1WA01# |
| | | | 3.1pi | | |
| | | | | ±0.1pF | GRM1883C2A3R1BA01# |
| | | | 0.0-5 | ±0.25pF | GRM1883C2A3R1CA01# |
| | | | 3.2pF | ±0.05pF | GRM1883C2A3R2WA01# |
| | | | | ±0.1pF | GRM1883C2A3R2BA01# |
| | | | | ±0.25pF | GRM1883C2A3R2CA01# |
| | | | 3.3pF | ±0.05pF | GRM1883C2A3R3WA01# |
| | | | | ±0.1pF | GRM1883C2A3R3BA01# |
| | | | | ±0.25pF | GRM1883C2A3R3CA01# |
| | | | 3.4pF | ±0.05pF | GRM1883C2A3R4WA01# |
| | | | | ±0.1pF | GRM1883C2A3R4BA01# |
| | | | | ±0.25pF | GRM1883C2A3R4CA01# |

| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number | |
|-----------|------------------|------------|-------|---------|--------------------|--|
| 0.9mm | 100Vdc | CJ | 3.5pF | ±0.05pF | GRM1883C2A3R5WA01# | |
| | | | | ±0.1pF | GRM1883C2A3R5BA01# | |
| | | | | ±0.25pF | GRM1883C2A3R5CA01# | |
| | | | 3.6pF | ±0.05pF | GRM1883C2A3R6WA01# | |
| | | | | ±0.1pF | GRM1883C2A3R6BA01# | |
| | | | | ±0.25pF | GRM1883C2A3R6CA01# | |
| | | | 3.7pF | ±0.05pF | GRM1883C2A3R7WA01# | |
| | | | | ±0.1pF | GRM1883C2A3R7BA01# | |
| | | | | ±0.25pF | GRM1883C2A3R7CA01# | |
| | | | 3.8pF | ±0.05pF | GRM1883C2A3R8WA01# | |
| | | | | ±0.1pF | GRM1883C2A3R8BA01# | |
| | | | | ±0.25pF | GRM1883C2A3R8CA01# | |
| | | | 3.9pF | ±0.05pF | GRM1883C2A3R9WA01# | |
| | | | | ±0.1pF | GRM1883C2A3R9BA01# | |
| | | | | ±0.25pF | GRM1883C2A3R9CA01# | |
| | | СН | 4.0pF | ±0.05pF | GRM1882C2A4R0WA01# | |
| | | | | ±0.1pF | GRM1882C2A4R0BA01# | |
| | | | | ±0.25pF | GRM1882C2A4R0CA01# | |
| | | | 4.1pF | ±0.05pF | GRM1882C2A4R1WA01# | |
| | | | | ±0.1pF | GRM1882C2A4R1BA01# | |
| | | | | ±0.25pF | GRM1882C2A4R1CA01# | |
| | | | 4.2pF | ±0.05pF | GRM1882C2A4R2WA01# | |
| | | | | ±0.1pF | GRM1882C2A4R2BA01# | |
| | | | | ±0.25pF | GRM1882C2A4R2CA01# | |
| | | | 4.3pF | ±0.05pF | GRM1882C2A4R3WA01# | |
| | | | | ±0.1pF | GRM1882C2A4R3BA01# | |
| | | | | ±0.25pF | GRM1882C2A4R3CA01# | |
| | | | 4.4pF | ±0.05pF | GRM1882C2A4R4WA01# | |
| | | | | ±0.1pF | GRM1882C2A4R4BA01# | |
| | | | | ±0.25pF | GRM1882C2A4R4CA01# | |
| | | | 4.5pF | ±0.05pF | GRM1882C2A4R5WA01# | |
| | | | | ±0.1pF | GRM1882C2A4R5BA01# | |
| | | | | ±0.25pF | GRM1882C2A4R5CA01# | |
| | | | 4.6pF | ±0.05pF | GRM1882C2A4R6WA01# | |
| | | | | ±0.1pF | GRM1882C2A4R6BA01# | |
| | | | | ±0.25pF | GRM1882C2A4R6CA01# | |
| | | | 4.7pF | ±0.05pF | GRM1882C2A4R7WA01# | |
| | | | | ±0.1pF | GRM1882C2A4R7BA01# | |
| | | | | ±0.25pF | GRM1882C2A4R7CA01# | |
| | | | 4.8pF | ±0.05pF | GRM1882C2A4R8WA01# | |
| | | | | ±0.1pF | GRM1882C2A4R8BA01# | |
| | | | | ±0.25pF | GRM1882C2A4R8CA01# | |
| | | | 4.9pF | ±0.05pF | GRM1882C2A4R9WA01# | |
| | | | | ±0.1pF | GRM1882C2A4R9BA01# | |
| | | | | ±0.25pF | GRM1882C2A4R9CA01# | |
| | | | 5.0pF | ±0.05pF | GRM1882C2A5R0WA01# | |
| | | | | ±0.1pF | GRM1882C2A5R0BA01# | |
| | | | | ±0.25pF | GRM1882C2A5R0CA01# | |
| | | | 5.1pF | ±0.05pF | GRM1882C2A5R1WA01# | |
| | | | | ±0.1pF | GRM1882C2A5R1BA01# | |
| | | | | ±0.25pF | GRM1882C2A5R1CA01# | |
| | | | _ | ±0.5pF | GRM1882C2A5R1DA01# | |
| | | | 5.2pF | ±0.05pF | GRM1882C2A5R2WA01# | |
| | | | | ±0.1pF | GRM1882C2A5R2BA01# | |

| (→ ■ 1 | 18.0×0. | пп) | | | |
|-----------|------------------|------------|-------|---------|--|
| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number |
| 0.9mm | 100Vdc | СН | 5.2pF | ±0.25pF | GRM1882C2A5R2CA01# |
| | | | | ±0.5pF | GRM1882C2A5R2DA01# |
| | | | 5.3pF | ±0.05pF | GRM1882C2A5R3WA01# |
| | | | | ±0.1pF | GRM1882C2A5R3BA01# |
| | | | | ±0.25pF | GRM1882C2A5R3CA01# |
| | | | | ±0.5pF | GRM1882C2A5R3DA01# |
| | | | 5.4pF | ±0.05pF | GRM1882C2A5R4WA01# |
| | | | | ±0.1pF | GRM1882C2A5R4BA01# |
| | | | | ±0.25pF | GRM1882C2A5R4CA01# |
| | | | | ±0.5pF | GRM1882C2A5R4DA01# |
| | | | 5.5pF | ±0.05pF | GRM1882C2A5R5WA01# |
| | | | | ±0.1pF | GRM1882C2A5R5BA01# |
| | | | | ±0.25pF | |
| | | | | ±0.5pF | GRM1882C2A5R5DA01# |
| | | | 5.6pF | ±0.05pF | |
| | | | 5.0рі | - | |
| | | | | ±0.1pF | GRM1882C2A5R6BA01# GRM1882C2A5R6CA01# |
| | | | | ±0.25pF | |
| | | | 5 7nF | ±0.5pF | GRM1882C2A5R6DA01# |
| | | | 5.7pF | ±0.05pF | |
| | | | | ±0.1pF | GRM1882C2A5R7BA01# |
| | | | | ±0.25pF | |
| | | | | ±0.5pF | GRM1882C2A5R7DA01# |
| | | | 5.8pF | ±0.05pF | |
| | | | | ±0.1pF | GRM1882C2A5R8BA01# |
| | | | | ±0.25pF | GRM1882C2A5R8CA01# |
| | | | | ±0.5pF | GRM1882C2A5R8DA01# |
| | | | 5.9pF | ±0.05pF | |
| | | | | ±0.1pF | GRM1882C2A5R9BA01# |
| | | | | ±0.25pF | GRM1882C2A5R9CA01# |
| | | | | ±0.5pF | GRM1882C2A5R9DA01# |
| | | | 6.0pF | ±0.05pF | GRM1882C2A6R0WA01# |
| | | | | ±0.1pF | GRM1882C2A6R0BA01# |
| | | | | ±0.25pF | GRM1882C2A6R0CA01# |
| | | | | ±0.5pF | GRM1882C2A6R0DA01# |
| | | | 6.1pF | ±0.05pF | GRM1882C2A6R1WA01# |
| | | | | ±0.1pF | GRM1882C2A6R1BA01# |
| | | | | ±0.25pF | GRM1882C2A6R1CA01# |
| | | | | ±0.5pF | GRM1882C2A6R1DA01# |
| | | | 6.2pF | ±0.05pF | GRM1882C2A6R2WA01# |
| | | | | ±0.1pF | GRM1882C2A6R2BA01# |
| | | | | ±0.25pF | GRM1882C2A6R2CA01# |
| | | | | ±0.5pF | GRM1882C2A6R2DA01# |
| | | | 6.3pF | ±0.05pF | GRM1882C2A6R3WA01# |
| | | | | ±0.1pF | GRM1882C2A6R3BA01# |
| | | | | ±0.25pF | GRM1882C2A6R3CA01# |
| | | | | ±0.5pF | GRM1882C2A6R3DA01# |
| | | | 6.4pF | ±0.05pF | GRM1882C2A6R4WA01# |
| | | | | ±0.1pF | GRM1882C2A6R4BA01# |
| | | | | ±0.25pF | GRM1882C2A6R4CA01# |
| | | | | ±0.5pF | GRM1882C2A6R4DA01# |
| | | | 6.5pF | ±0.05pF | |
| | | | | ±0.1pF | GRM1882C2A6R5BA01# |
| | | | | ±0.25pF | |
| | | | | ±0.5pF | GRM1882C2A6R5DA01# |
| | | | | _0.0pi | |

| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number | |
|-----------|------------------|------------|---------|-------------------|--|--|
|).9mm | 100Vdc | СН | 6.6pF | ±0.05pF | GRM1882C2A6R6WA01# | |
| | | | | ±0.1pF | GRM1882C2A6R6BA01# | |
| | | | | ±0.25pF | GRM1882C2A6R6CA01# | |
| | | | | ±0.5pF | GRM1882C2A6R6DA01# | |
| | | | 6.7pF | ±0.05pF | GRM1882C2A6R7WA01# | |
| | | | | ±0.1pF | GRM1882C2A6R7BA01# | |
| | | | | ±0.25pF | GRM1882C2A6R7CA01# | |
| | | | | ±0.5pF | GRM1882C2A6R7DA01# | |
| | | | 6.8pF | ±0.05pF | GRM1882C2A6R8WA01# | |
| | | | | ±0.1pF | GRM1882C2A6R8BA01# | |
| | | | | ±0.25pF | GRM1882C2A6R8CA01# | |
| | | | | ±0.5pF | GRM1882C2A6R8DA01# | |
| | | | 6.9pF | ±0.05pF | GRM1882C2A6R9WA01# | |
| | | | | ±0.1pF | GRM1882C2A6R9BA01# | |
| | | | | ±0.25pF | GRM1882C2A6R9CA01# | |
| | | | | ±0.5pF | GRM1882C2A6R9DA01# | |
| | | | 7.0pF | ±0.05pF | GRM1882C2A7R0WA01# | |
| | | | | ±0.1pF | GRM1882C2A7R0BA01# | |
| | | | | ±0.25pF | GRM1882C2A7R0CA01# | |
| | | | | ±0.5pF | GRM1882C2A7R0DA01# | |
| | | | 7.1pF | ±0.05pF | GRM1882C2A7R1WA01# | |
| | | | | ±0.1pF | GRM1882C2A7R1BA01# | |
| | | | | - | GRM1882C2A7R1CA01# | |
| | | | | ±0.5pF | GRM1882C2A7R1DA01# | |
| | | | 7.2pF | ±0.05pF | GRM1882C2A7R2WA01# | |
| | | | | ±0.1pF | GRM1882C2A7R2BA01# | |
| | | | | ±0.25pF | GRM1882C2A7R2CA01# | |
| | | | | ±0.5pF | GRM1882C2A7R2DA01# | |
| | | | 7.3pF | ±0.05pF | GRM1882C2A7R3WA01# | |
| | | | | ±0.1pF | GRM1882C2A7R3BA01# | |
| | | | | ±0.25pF | | |
| | | | 7.4-5 | ±0.5pF | GRM1882C2A7R3DA01# | |
| | | | 7.4pF | ±0.05pF | GRM1882C2A7R4WA01# | |
| | | | | ±0.1pF | GRM1882C2A7R4BA01# | |
| | | | | ±0.25pF | GRM1882C2A7R4CA01# | |
| | | | 7 5 5 5 | ±0.5pF | GRM1882C2A7R4DA01# | |
| | | | 7.5pF | ±0.05pF | | |
| | | | | ±0.1pF | GRM1882C2A7R5BA01# | |
| | | | | · · | GRM1882C2A7R5CA01# | |
| | | | 7.65 | ±0.5pF | GRM1882C2A7R5DA01# | |
| | | | 7.6pF | ±0.05pF | GRM1882C2A7R6WA01# GRM1882C2A7R6BA01# | |
| | | | | ±0.1pF | | |
| | | | | ±0.25pF | GRM1882C2A7R6DA01# | |
| | | | 7.7pF | ±0.5pF ±0.05pF | | |
| | | | 7.701 | ±0.1pF | GRM1882C2A7R7BA01# | |
| | | | | ±0.1pi | | |
| | | | | ±0.5pF | GRM1882C2A7R7DA01# | |
| | | | 7.8pF | ±0.05pF | GRM1882C2A7R7BA01# | |
| | | | opi | ±0.1pF | GRM1882C2A7R8BA01# | |
| | | | | ±0.25pF | GRM1882C2A7R8CA01# | |
| | | | | ±0.5pF | GRM1882C2A7R8DA01# | |
| | | | 7.9pF | ±0.05pF | GRM1882C2A7R9WA01# | |
| | | | - P- | ±0.1pF | GRM1882C2A7R9BA01# | |
| | | | | | π | |



| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number |
|-----------|------------------|------------|-------|---------|--------------------|
|).9mm | 100Vdc | СН | 7.9pF | ±0.25pF | GRM1882C2A7R9CA01# |
| | | | | ±0.5pF | GRM1882C2A7R9DA01# |
| | | | 8.0pF | ±0.05pF | GRM1882C2A8R0WA01# |
| | | | | ±0.1pF | GRM1882C2A8R0BA01# |
| | | | | ±0.25pF | GRM1882C2A8R0CA01# |
| | | | | ±0.5pF | GRM1882C2A8R0DA01# |
| | | | 8.1pF | ±0.05pF | GRM1882C2A8R1WA01# |
| | | | | ±0.1pF | GRM1882C2A8R1BA01# |
| | | | | ±0.25pF | GRM1882C2A8R1CA01# |
| | | | | ±0.5pF | GRM1882C2A8R1DA01# |
| | | | 8.2pF | ±0.05pF | GRM1882C2A8R2WA01# |
| | | | | ±0.1pF | GRM1882C2A8R2BA01# |
| | | | | ±0.25pF | GRM1882C2A8R2CA01# |
| | | | | ±0.5pF | GRM1882C2A8R2DA01# |
| | | | 8.3pF | ±0.05pF | GRM1882C2A8R3WA01# |
| | | | | ±0.1pF | GRM1882C2A8R3BA01# |
| | | | | ±0.25pF | GRM1882C2A8R3CA01# |
| | | | | ±0.5pF | GRM1882C2A8R3DA01# |
| | | | 8.4pF | ±0.05pF | GRM1882C2A8R4WA01# |
| | | | - 1 | ±0.1pF | GRM1882C2A8R4BA01# |
| | | | | ±0.25pF | GRM1882C2A8R4CA01# |
| | | | | ±0.5pF | GRM1882C2A8R4DA01# |
| | | | 8.5pF | ±0.05pF | GRM1882C2A8R5WA01# |
| | | | 0.00. | ±0.1pF | GRM1882C2A8R5BA01# |
| | | | | ±0.25pF | GRM1882C2A8R5CA01# |
| | | | | ±0.5pF | GRM1882C2A8R5DA01# |
| | | | 8.6pF | ±0.05pF | GRM1882C2A8R6WA01# |
| | | | 0.001 | ±0.1pF | GRM1882C2A8R6BA01# |
| | | | | ±0.1pi | GRM1882C2A8R6CA01# |
| | | | | | |
| | | | 0.75 | ±0.5pF | GRM1882C2A8R6DA01# |
| | | | 8.7pF | ±0.05pF | GRM1882C2A8R7WA01# |
| | | | | ±0.1pF | GRM1882C2A8R7BA01# |
| | | | | ±0.25pF | GRM1882C2A8R7CA01# |
| | | | | ±0.5pF | GRM1882C2A8R7DA01# |
| | | | 8.8pF | ±0.05pF | GRM1882C2A8R8WA01# |
| | | | | ±0.1pF | GRM1882C2A8R8BA01# |
| | | | | ±0.25pF | GRM1882C2A8R8CA01# |
| | | | | ±0.5pF | GRM1882C2A8R8DA01# |
| | | | 8.9pF | ±0.05pF | GRM1882C2A8R9WA01# |
| | | | | ±0.1pF | GRM1882C2A8R9BA01# |
| | | | | ±0.25pF | GRM1882C2A8R9CA01# |
| | | | | ±0.5pF | GRM1882C2A8R9DA01# |
| | | | 9.0pF | ±0.05pF | GRM1882C2A9R0WA01# |
| | | | | ±0.1pF | GRM1882C2A9R0BA01# |
| | | | | ±0.25pF | GRM1882C2A9R0CA01# |
| | | | | ±0.5pF | GRM1882C2A9R0DA01# |
| | | | 9.1pF | ±0.05pF | GRM1882C2A9R1WA01# |
| | | | | ±0.1pF | GRM1882C2A9R1BA01# |
| | | | | ±0.25pF | GRM1882C2A9R1CA01# |
| | | | | ±0.5pF | GRM1882C2A9R1DA01# |
| | | | 9.2pF | ±0.05pF | GRM1882C2A9R2WA01# |
| | | | | ±0.1pF | GRM1882C2A9R2BA01# |
| | | | | ±0.25pF | GRM1882C2A9R2CA01# |
| | | | | ±0.5pF | GRM1882C2A9R2DA01# |

| 0.9mm 100Vdc CH 9.3pF | T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number | |
|--|-----------|------------------|------------|--------|---------|--------------------|--|
| ### ### ############################## | 0.9mm | 100Vdc | СН | 9.3pF | ±0.05pF | GRM1882C2A9R3WA01# | |
| ### 10.5pF GRM1882C2A9R4WA01# ### 10.1pF GRM1882C2A9R4BA01# ### 10.5pF GRM1882C2A9R4BA01# ### 10.5pF GRM1882C2A9R4BA01# ### 10.5pF GRM1882C2A9R5BA01# ### 10.5pF GRM1882C2A9R5BA01# ### 10.5pF GRM1882C2A9R5BA01# ### 10.5pF GRM1882C2A9R5BA01# ### 10.5pF GRM1882C2A9R5DA01# ### 10.5pF GRM1882C2A9R5DA01# ### 10.5pF GRM1882C2A9R5DA01# ### 10.5pF GRM1882C2A9R6BA01# ### 10.5pF GRM1882C2A9R6BA01# ### 10.5pF GRM1882C2A9R7BA01# ### 10.5pF GRM1882C2A9R8BA01# ### 10.5pF GRM1882C2A9R9BA01# ### 10.5pF GRM188CCA10JA01# ### 10.5pF ### 10.5pF GRM1882C2A10JA01# ### 10.5pF ### 10.5pF ### 10.5pF ### 10.5pF ### 10.5pF ### 10.5pF GRM1882C2A10JA01# ### 10.5pF GRM1882C2A10JA01# ### 10.5pF ### 10.5pF ### 10.5pF ### 10.5pF ### 10.5pF ### 10.5pF GRM1882C2A680JA01# ### 10.5pF ### 10.5pF ### 10.5pF ### 10.5pF ### 10.5pF ### 10.5pF | | | | | ±0.1pF | GRM1882C2A9R3BA01# | |
| 9.4pF ±0.1pF GRM1882C2A9R4BA01# ±0.1pF GRM1882C2A9R4DA01# ±0.5pF GRM1882C2A9R4DA01# ±0.5pF GRM1882C2A9R5WA01# ±0.5pF GRM1882C2A9R5BA01# ±0.5pF GRM1882C2A9R5DA01# ±0.5pF GRM1882C2A9R5DA01# ±0.5pF GRM1882C2A9R6BA01# ±0.5pF GRM1882C2A9R6BA01# ±0.5pF GRM1882C2A9R6BA01# ±0.5pF GRM1882C2A9R6BA01# ±0.5pF GRM1882C2A9R6DA01# ±0.5pF GRM1882C2A9R6DA01# ±0.5pF GRM1882C2A9R7DA01# ±0.5pF GRM1882C2A9R7DA01# ±0.5pF GRM1882C2A9R7DA01# ±0.5pF GRM1882C2A9R8WA01# ±0.5pF GRM1882C2A9R9WA01# ±0.5pF GRM1882C2A10JA01# 15pF ±5% GRM1882C2A10JA01# 15pF ±5% GRM1882C2A10JA01# 15pF ±5% GRM1882C2A10JA01# 15pF ±5% GRM1882C2A10JA01# 33pF ±5% GRM1882C2A10JA01# 33pF ±5% GRM1882C2A30JA01# 35pF ±5% GRM1882C2A30JA01# 15pF ±5% GRM1882C2A30JA01# 15pF ±5% GRM1882C2A10JA01# 15pF ±5% GRM1882C2A20JA01# 15pF ±5% GRM1882C2A661JA01# 15pF ±5% GRM1882C2A661JA01# 15pF ±5% GRM1882C2A661JA01 | | | | | ±0.25pF | GRM1882C2A9R3CA01# | |
| #0.1pF GRM1882C2A9R4CA01# ±0.2pF GRM1882C2A9R4CA01# ±0.5pF GRM1882C2A9R5AA01# ±0.1pF GRM1882C2A9R5AA01# ±0.2pF GRM1882C2A9R5AA01# ±0.2pF GRM1882C2A9R5AA01# ±0.2pF GRM1882C2A9R5AA01# ±0.2pF GRM1882C2A9R6AA01# ±0.2pF GRM1882C2A9R6AA01# ±0.2pF GRM1882C2A9R6AA01# ±0.2pF GRM1882C2A9R6AA01# ±0.2pF GRM1882C2A9R6AA01# ±0.2pF GRM1882C2A9R6AA01# ±0.2pF GRM1882C2A9R7AA01# ±0.2pF GRM1882C2A9R7AA01# ±0.2pF GRM1882C2A9R7AA01# ±0.2pF GRM1882C2A9R8WAA01# ±0.2pF GRM1882C2A9R8WAA01# ±0.2pF GRM1882C2A9R8WAA01# ±0.2pF GRM1882C2A9R8WAA01# ±0.2pF GRM1882C2A9R8BAA01# ±0.2pF GRM1882C2A9R9WAA01# ±0.2pF GRM1882C2A9R9WAA01# ±0.2pF GRM1882C2A9R9WAA01# ±0.2pF GRM1882C2A9R9WAA01# ±0.2pF GRM1882C2A9R9WAA01# ±0.2pF GRM1882C2A9R9WAA01# ±0.2pF GRM1882C2A9R9DAA01# ±0.2pF ±5% GRM1882C2A10JA01# ±2pF ±5% GRM1882C2A20JA01# ±5% GRM1882C2A30JA01# ±5% GRM1882C2A30JA01# ±5% GRM1882C2A30JA01# ±5% GRM1882C2A47JA01# ±5% GRM1882C2A47JA01# ±5% GRM1882C2A47JA01# ±5% GRM1882C2A15JA01# ±5% GRM1882C2A27JA01# ±5% GRM1882C2A2555JA01# ±5% GRM1882C2A2555JA01# ±5% GRM1882C2A551JA01# ±5% GRM | | | | | ±0.5pF | GRM1882C2A9R3DA01# | |
| #0.5pF GRM1882C2A9R4CA01# #0.5pF GRM1882C2A9R5A01# #0.1pF GRM1882C2A9R5A01# #0.5pF GRM1882C2A9R5A01# #0.5pF GRM1882C2A9R5A01# #0.5pF GRM1882C2A9R5A01# #0.5pF GRM1882C2A9R5A01# #0.5pF GRM1882C2A9R6A01# #0.5pF GRM1882C2A9R6A01# #0.5pF GRM1882C2A9R6A01# #0.5pF GRM1882C2A9R6A01# #0.5pF GRM1882C2A9R6A01# #0.5pF GRM1882C2A9R6A01# #0.5pF GRM1882C2A9R7WA01# #0.5pF GRM1882C2A9R7WA01# #0.5pF GRM1882C2A9R7A01# #0.5pF GRM1882C2A9R7A01# #0.5pF GRM1882C2A9R7A01# #0.5pF GRM1882C2A9R8WA01# #0.5pF GRM1882C2A9R8WA01# #0.5pF GRM1882C2A9R8DA01# #0.5pF GRM1882C2A9R8DA01# #0.5pF GRM1882C2A9R8DA01# #0.5pF GRM1882C2A9R8DA01# #0.5pF GRM1882C2A9R9WA01# #0.5pF drm1882C2A9R9WA01# #0.5pF drm1882C2A9R9WA01# #0.5pF drm1882C2A9R9WA01# #0.5pF drm1882C2A9R9WA01# #0.5pF drm1882C2A9R9WA01# #0.5pF drm1882C2A150JA01# #0.5pF drm1882C2A20JA01# #0.5pF drm1882C2A150JA01# #0.5pF drm1882C2A150JA01# #0.5pF drm1882C2A150JA01# #0.5pF drm1882C2A15JA01# #0.5pF drm1882C2A15JA01# #0.5pF drm1882C2A15JA01# #0.5pF drm1882C2A33JA01# #0.5pF drm1882C2A33JA01# #0.5pF drm1882C2A33JA01# #0.5pF drm1882C2A33JA01# #0.5pF drm1882C2A350JA01# | | | | 9.4pF | ±0.05pF | GRM1882C2A9R4WA01# | |
| ### ### ### ### ### ### ### ### ### ## | | | | | ±0.1pF | GRM1882C2A9R4BA01# | |
| 9.5pF ±0.05pF GRM1882C2A9R5BA01# ±0.1pF GRM1882C2A9R5BA01# ±0.5pF GRM1882C2A9R6BA01# ±0.5pF GRM1882C2A9R6BA01# ±0.5pF GRM1882C2A9R6BA01# ±0.5pF GRM1882C2A9R6BA01# ±0.5pF GRM1882C2A9R6BA01# ±0.5pF GRM1882C2A9R6BA01# ±0.5pF GRM1882C2A9R7WA01# ±0.5pF GRM1882C2A9R7WA01# ±0.5pF GRM1882C2A9R7BA01# ±0.5pF GRM1882C2A9R7BA01# ±0.5pF GRM1882C2A9R7BA01# ±0.5pF GRM1882C2A9R8WA01# ±0.5pF GRM1882C2A9R8WA01# ±0.5pF GRM1882C2A9R8WA01# ±0.5pF GRM1882C2A9R8WA01# ±0.5pF GRM1882C2A9R8WA01# ±0.5pF GRM1882C2A9R8WA01# ±0.5pF GRM1882C2A9R9BA01# ±0.5pF GRM1882C2A150JA01# ±5% GRM1882C2A150JA01# ±5% GRM1882C2A150JA01# ±5% GRM1882C2A150JA01# ±5% GRM1882C2A150JA01# ±5% GRM1882C2A230JA01# ±5% GRM1882C2A230JA01# ±5% GRM1882C2A230JA01# ±5% GRM1882C2A550JA01# ±5% GRM1882C2A551JA01# ±5% GRM1882C2A551JA0 | | | | | ±0.25pF | GRM1882C2A9R4CA01# | |
| #0.1pF GRM1882C2A9R5BA01# #0.5pF GRM1882C2A9R6BA01# #0.1pF GRM1882C2A9R6BA01# #0.1pF GRM1882C2A9R6BA01# #0.25pF GRM1882C2A9R6BA01# #0.5pF GRM1882C2A9R6BA01# #0.5pF GRM1882C2A9R6BA01# #0.5pF GRM1882C2A9R7BA01# #0.5pF GRM1882C2A9R7BA01# #0.5pF GRM1882C2A9R7BA01# #0.5pF GRM1882C2A9R7BA01# #0.5pF GRM1882C2A9R7BA01# #0.5pF GRM1882C2A9R8BA01# #0.5pF GRM1882C2A9R9BA01# #0.5pF GRM1882C2A9R9DA01# #0.5pF GRM1882C2A9R9DA01# #0.5pF GRM1882C2A150JA01# #0.5pF ±5% GRM1882C2A150JA01# #0.5pF ±5% GRM1882C2A150JA01# #0.5pF ±5% GRM1882C2A150JA01# #0.5pF ±5% GRM1882C2A150JA01# #0.5pF ±5% GRM1882C2A150JA01# #0.5pF ±5% GRM1882C2A30JA01# #0.5pF ±5% GRM1882C2A50JA01# #0.5pF ±5% GRM1882C2A15JJA01# #0.5pF ±5% GRM1882C2A56JJA01# #0.5pF ±5% GRM1882C2A68JJA01# #0.5pF ±5% GRM1882C2A68 | | | | | ±0.5pF | GRM1882C2A9R4DA01# | |
| #0.5pF GRM1882C2A9R5DA01# #0.1pF GRM1882C2A9R6DA01# #0.1pF GRM1882C2A9R6DA01# #0.25pF GRM1882C2A9R6DA01# #0.25pF GRM1882C2A9R6DA01# #0.5pF GRM1882C2A9R6DA01# #0.5pF GRM1882C2A9R7WA01# #0.5pF GRM1882C2A9R7WA01# #0.5pF GRM1882C2A9R7DA01# #0.5pF GRM1882C2A9R7DA01# #0.5pF GRM1882C2A9R7DA01# #0.5pF GRM1882C2A9R3DA01# #0.5pF GRM1882C2A150JA01# #0.5pF ±5% GRM1882C2A150JA01# #0.5pF ±5% GRM1882C2A150JA01# #0.5pF ±5% GRM1882C2A150JA01# #0.5pF ±5% GRM1882C2A10JA01# #0.5pF ±5% GRM1882C2A70JA01# #0.5pF ±5% GRM1882C2A30JA01# #0.5pF ±5% GRM1882C2A50JA01# #0.5pF ±5% GRM188C2A33JA01# #0.5pF ±5% GRM1882C2A50JA01# #0.5pF ±5% GRM1882C2A50JA01# #0.5pF ±5% GRM1882C2A561JA01# #0.5pF ±5% GRM1882C2A681JA01# #0.5pF ±5% GRM1882C2A681 | | | | 9.5pF | ±0.05pF | GRM1882C2A9R5WA01# | |
| 10.5pF 1 | | | | | ±0.1pF | GRM1882C2A9R5BA01# | |
| 9.6pF | | | | | ±0.25pF | GRM1882C2A9R5CA01# | |
| #0.1pF GRM1882C2A9R6BA01# #0.5pF GRM1882C2A9R7WA01# #0.1pF GRM1882C2A9R7WA01# #0.5pF GRM1882C2A9R7WA01# #0.5pF GRM1882C2A9R7WA01# #0.5pF GRM1882C2A9R7WA01# #0.5pF GRM1882C2A9R8WA01# #0.5pF GRM1882C2A9R8WA01# #0.5pF GRM1882C2A9R8WA01# #0.5pF GRM1882C2A9R8WA01# #0.5pF GRM1882C2A9R8WA01# #0.5pF GRM1882C2A9R8WA01# #0.5pF GRM1882C2A9R9WA01# #0.5pF GRM1882C2A9R9WA01# #0.5pF GRM1882C2A9R9WA01# #0.5pF GRM1882C2A9R9WA01# #0.5pF GRM1882C2A9R9WA01# #0.5pF GRM1882C2A9R9DA01# #0.5pF GRM1882C2A9R9DA01# #0.5pF GRM1882C2A9R9DA01# #0.5pF GRM1882C2A19UJA01# #0.5pF #5% GRM1882C2A10UJA01# #0.5pF #5% GRM1882C2A10UJA01# #0.5pF #5% GRM1882C2A10UJA01# #0.5pF #5% GRM1882C2A10UJA01# #0.5pF #5% GRM1882C2A15UJA01# #0.5pF #5% GRM1882C2A15UJA01# #0.5pF #5% GRM1882C2A15UJA01# #0.5pF #5% GRM1882C2A15UJA01# #0.5pF #5% GRM1882C2A30UJA01# #0.5pF #5% GRM1882C2A30UJA01# #0.5pF #5% GRM1882C2A60UJA01# #0.5pF #5% GRM1882C2A15UJA01# #0.5pF #5% GRM1882C2A23UJA01# #0.5pF #5% GRM1882C2A33UJA01# #0.5pF #5% GRM1882C2A56UJA01# | | | | | ±0.5pF | GRM1882C2A9R5DA01# | |
| #0.25pF GRM1882C2A9R6CA01# #0.5pF GRM1882C2A9R6DA01# #0.1pF GRM1882C2A9R7WA01# #0.1pF GRM1882C2A9R7WA01# #0.25pF GRM1882C2A9R7DA01# #0.5pF GRM1882C2A9R7DA01# #0.5pF GRM1882C2A9R8WA01# #0.5pF GRM1882C2A9R8WA01# #0.5pF GRM1882C2A9R8WA01# #0.5pF GRM1882C2A9R8WA01# #0.5pF GRM1882C2A9R8WA01# #0.5pF GRM1882C2A9R9WA01# #0.5pF GRM1882C2A9R9DA01# #0.5pF GRM1882C2A19UJA01# #0.5pF ±5% GRM1882C2A19UJA01# #0.5pF ±5% GRM1882C2A19UJA01# #0.5pF ±5% GRM1882C2A10UJA01# #0.5pF ±5% GRM1882C2A30UJA01# #0.5pF ±5% GRM1882C2A30UJA01# #0.5pF ±5% GRM1882C2A30UJA01# #0.5pF ±5% GRM1882C2A30UJA01# #0.5pF ±5% GRM1882C2A50UJA01# #0.5pF ±5% GRM1882C2A50UJA01# #0.5pF ±5% GRM1882C2A10UJA01# #0.5pF ±5% GRM1882C2A21UJA01# #0.5pp ±5% GRM1882C2A21U | | | | 9.6pF | ±0.05pF | GRM1882C2A9R6WA01# | |
| ### ### ############################## | | | | | ±0.1pF | GRM1882C2A9R6BA01# | |
| 9.7pF ±0.05pF GRM1882C2A9R7WA01# ±0.1pF GRM1882C2A9R7BA01# ±0.25pF GRM1882C2A9R7DA01# ±0.5pF GRM1882C2A9R8WA01# ±0.5pF GRM1882C2A9R8WA01# ±0.25pF GRM1882C2A9R8WA01# ±0.25pF GRM1882C2A9R8DA01# ±0.5pF GRM1882C2A9R8DA01# ±0.5pF GRM1882C2A9R8DA01# ±0.5pF GRM1882C2A9R8DA01# ±0.5pF GRM1882C2A9R9DA01# ±0.5pF GRM1882C2A9R9DA01# ±0.5pF GRM1882C2A9R9DA01# ±0.5pF GRM1882C2A9R9DA01# ±0.5pF GRM1882C2A9R9DA01# ±0.5pF GRM1882C2A9R9DA01# ±0.5pF GRM1882C2A10UJA01# 12pF ±5% GRM1882C2A10UJA01# 12pF ±5% GRM1882C2A15UJA01# 12pF ±5% GRM1882C2A15UJA01# 22pF ±5% GRM1882C2A13UJA01# 22pF ±5% GRM1882C2A2UJA01# 33pF ±5% GRM1882C2A2UJA01# 33pF ±5% GRM1882C2A3UJA01# 33pF ±5% GRM1882C2A3UJA01# 47pF ±5% GRM1882C2A3UJA01# 68pF ±5% GRM1882C2A560JA01# 68pF ±5% GRM1882C2A11JJA01# 120pF ±5% GRM1882C2A11JJA01# 120pF ±5% GRM1882C2A11JJA01# 120pF ±5% GRM1882C2A11JJA01# 130pF ±5% GRM1882C2A11JJA01# 120pF ±5% GRM1882C2A11JJA01# 130pF ±5% GRM1882C2A11JJA01# 130pF ±5% GRM1882C2A11JJA01# 130pF ±5% GRM1882C2A13JA01# 130pF ±5% GRM1882C2A31JA01# 130pF ±5% GRM1882C2A13JA01# 130pF ±5% GRM1882C2A66JA01# 130pF ±5% GRM1882CAA60JA01# 130pF ±5% GRM1882CAA60JA01# 130pF ±5% GRM1882CAA60JA01# 130pF ±5% GRM1882CAA60JA01# 130pF ±5% GRM1882CAA60JA | | | | | ±0.25pF | GRM1882C2A9R6CA01# | |
| #0.1pF GRM1882C2A9R7BA01# #0.25pF GRM1882C2A9R7CA01# #0.5pF GRM1882C2A9R7DA01# #0.5pF GRM1882C2A9R8WA01# #0.1pF GRM1882C2A9R8BA01# #0.25pF GRM1882C2A9R8BA01# #0.5pF GRM1882C2A9R8DA01# #0.5pF GRM1882C2A9R8DA01# #0.5pF GRM1882C2A9R9DA01# #0.5pF #5% GRM1882C2A10JA01# #15pF #5% GRM1882C2A12JA01# #15pF #5% GRM1882C2A15JA01# #0.5pF #5% GRM1882C2A15JA01# #0.5pF #5% GRM1882C2A13JA01# #0.5pF #5% GRM1882C2A2JA01# #0.5pF #5% GRM1882C2A2JA01# #0.5pF #5% GRM1882C2A3JA01# #0.5pF #5% GRM1882C2A3JA01# #0.5pF #5% GRM1882C2A3JA01# #0.5pF #5% GRM1882C2A3JA01# #0.5pF #5% GRM1882C2A15JA01# #0.5pp #5% GRM1882C2A15JA01# #0.5pp #5% GRM1882C2A15JA01# #0.5pp #5% GRM1882C2A15JA01# #0.5pp #5% GRM1882C2A15JA01# #0.5pp #5% GRM1882C2A15JA01# #0.5pp #5% GRM1882C2A3JA01# #0.5pp #5% GRM1882C2A5JA01# #0.5pp #5% GRM188 | | | | | ±0.5pF | GRM1882C2A9R6DA01# | |
| #0.25pF GRM1882C2A9R7CA01# #0.5pF GRM1882C2A9R7DA01# #0.5pF GRM1882C2A9R8WA01# #0.1pF GRM1882C2A9R8WA01# #0.1pF GRM1882C2A9R8DA01# #0.5pF GRM1882C2A9R8DA01# #0.5pF GRM1882C2A9R8DA01# #0.5pF GRM1882C2A9R8DA01# #0.1pF GRM1882C2A9R9WA01# #0.1pF GRM1882C2A9R9WA01# #0.5pF GRM1882C2A9R9DA01# #0.5pF GRM1882C2A9R9DA01# #0.5pF GRM1882C2A9R9DA01# #0.5pF GRM1882C2A9R9DA01# #0.5pF GRM1882C2A9R9DA01# #0.5pF GRM1882C2A10JA01# #0.5pF #0.5pF GRM1882C2A10JA01# #0.5pF #0.5pF GRM1882C2A10JA01# #0.5pF #0.5pF GRM1882C2A10JA01# #0.5pF #0.5pF GRM1882C2A10JA01# #0.5pF #0.5 | | | | 9.7pF | ±0.05pF | GRM1882C2A9R7WA01# | |
| #0.5pF GRM1882C2A9R7DA01# #0.5pF GRM1882C2A9R8WA01# #0.1pF GRM1882C2A9R8WA01# #0.5pF GRM1882C2A9R8WA01# #0.5pF GRM1882C2A9R8WA01# #0.5pF GRM1882C2A9R8WA01# #0.5pF GRM1882C2A9R9WA01# #0.5pF GRM1882C2A9R9WA01# #0.5pF GRM1882C2A9R9WA01# #0.5pF GRM1882C2A9R9DA01# #0.5pF GRM1882C2A9R9DA01# #0.5pF GRM1882C2A9R9DA01# #0.5pF GRM1882C2A9R9DA01# #0.5pF GRM1882C2A10JA01# #0.5pF ±5% GRM1882C2A10JA01# #0.5pF ±5% GRM1882C2A10JA01# #0.5pF ±5% GRM1882C2A10JA01# #0.5pF ±5% GRM1882C2A10JA01# #0.5pF ±5% GRM1882C2A20JA01# #0.5pF ±5% GRM1882C2A20JA01# #0.5pF ±5% GRM1882C2A30JA01# #0.5pF ±5% GRM1882C2A30JA01# #0.5pF ±5% GRM1882C2A60JA01# #0.5pF ±5% GRM1882C2A60JA01# #0.5pF ±5% GRM1882C2A10JA01# #0.5pF ±5% GRM1882C2A21JA01# #0.5pF ±5% GRM1882C2A231JA01# #0.5pF ±5% GRM1882C2A20JA01# #0.5pF ±5% GRM1882C2A20JA01# #0.5pF ±5% GRM1882C2A20JA01# #0.5pF ±5% GRM1882C2A20JA01# #0.5pF ±5% GRM1882C2A10JA01# #0.5pF ±5% GR | | | | | ±0.1pF | GRM1882C2A9R7BA01# | |
| 9.8pF ±0.05pF GRM1882C2A9R8WA01# ±0.1pF GRM1882C2A9R8BA01# ±0.25pF GRM1882C2A9R8DA01# ±0.5pF GRM1882C2A9R9WA01# ±0.5pF GRM1882C2A9R9WA01# ±0.5pF GRM1882C2A9R9DA01# ±0.5pF GRM1882C2A9R9DA01# ±0.5pF GRM1882C2A9R9DA01# ±0.5pF GRM1882C2A9R9DA01# 12pF ±5% GRM1882C2A150JA01# 15pF ±5% GRM1882C2A150JA01# 22pF ±5% GRM1882C2A150JA01# 22pF ±5% GRM1882C2A120JA01# 27pF ±5% GRM1882C2A20JA01# 33pF ±5% GRM1882C2A20JA01# 33pF ±5% GRM1882C2A30JA01# 47pF ±5% GRM1882C2A30JA01# 68pF ±5% GRM1882C2A50JA01# 68pF ±5% GRM1882C2A50JA01# 100pF ±5% GRM1882C2A50JA01# 120pF ±5% GRM1882C2A15JA01# 150pF ±5% GRM1882C2A15JA01# 150pF ±5% GRM1882C2A15JA01# 150pF ±5% GRM1882C2A15JA01# 220pF ±5% GRM1882C2A15JA01# 220pF ±5% GRM1882C2A15JA01# 330pF ±5% GRM1882C2A21JA01# 330pF ±5% GRM1882C2A21JA01# 330pF ±5% GRM1882C2A31JA01# 350pF ±5% GRM1882C2A31JA01# 350pF ±5% GRM1882C2A31JA01# 350pF ±5% GRM1882C2A51JA01# 350pF ±5% GRM1882C2A51JA01# 350pF ±5% GRM1882C2A51JA01# 350pF ±5% GRM1882C2A51JA01# 560pF ±5% GRM1882C2A68JA01# 550pF ±5% GRM1882C2A68JA01# 550pF ±5% GRM1882C2A61JA01# 550pF ±5% GRM1882C2A60JA01# 55% GRM1882C2A1JA01# 550pF ±5% GRM1882C2A1JA01# 5500pF ±5% GRM1882C2A1JA01# 5500pF ±5% GRM1882C2A1JA01# 5500pF ±5% GRM1882C2A10JA01# 5500pF ±5% GRM1882C2A10JA01# 5500pF ±5% GRM1882C2A10JA01# 5500pF ±5% GRM1882C2A10 | | | | | ±0.25pF | GRM1882C2A9R7CA01# | |
| #0.1pF GRM1882C2A9R8BA01# #0.5pF GRM1882C2A9R8DA01# #0.5pF GRM1882C2A9R9WA01# #0.1pF GRM1882C2A9R9WA01# #0.1pF GRM1882C2A9R9WA01# #0.25pF GRM1882C2A9R9BA01# #0.25pF GRM1882C2A9R9DA01# #0.5pF GRM1882C2A9R9DA01# #0.5pF GRM1882C2A9R9DA01# #0.5pF GRM1882C2A9R9DA01# #0.5pF #5% GRM1882C2A10JA01# #0.5pF #5% GRM1882C2A20JA01# #0.5pF #5% GRM1882C2A20JA01# #0.5pF #5% GRM1882C2A20JA01# #0.5pF #5% GRM1882C2A30JA01# #0.5pF #5% GRM1882C2A560JA01# #0.5pF #5% GRM1882C2A560JA01# #0.5pF #5% GRM1882C2A10JA01# #0.5pF #5% GRM1882C2A21JA01# #0.5pF #5% GRM1882CA2A1JA01# #0.5pF #5% GRM1882CA2A1JA01# #0.5pF #5% GRM1882CA2A21JA01# #0.5pF #5% GRM1882CA2A21JA01# #0.5pF #5% GRM1882CA2A21JA01# | | | | | ±0.5pF | GRM1882C2A9R7DA01# | |
| #0.25pF GRM1882C2A9R8CA01# #0.5pF GRM1882C2A9R9WA01# #0.1pF GRM1882C2A9R9WA01# #0.25pF GRM1882C2A9R9WA01# #0.25pF GRM1882C2A9R9DA01# #0.5pF GRM1882C2A9R9DA01# #0.5pF GRM1882C2A9R9DA01# #0.5pF GRM1882C2A9R9DA01# #10pF #5% GRM1882C2A10JA01# #12pF #5% GRM1882C2A10JA01# #15pF #5% GRM1882C2A150JA01# #18pF #5% GRM1882C2A150JA01# #22pF #5% GRM1882C2A180JA01# #23pF #5% GRM1882C2A20JA01# #33pF #5% GRM1882C2A30JA01# #33pF #5% GRM1882C2A30JA01# #47pF #5% GRM1882C2A30JA01# #56pF #5% GRM1882C2A470JA01# #56pF #5% GRM1882C2A470JA01# #100pF #5% GRM1882C2A680JA01# #120pF #5% GRM1882C2A151JA01# #120pF #5% GRM1882C2A151JA01# #150pF #5% GRM1882C2A151JA01# #180pF #5% GRM1882C2A151JA01# #180pF #5% GRM1882C2A271JA01# #20pF #5% GRM1882C2A271JA01# #330pF #5% GRM1882C2A331JA01# #30pF #5% GRM1882C2A331JA01# #30pF #5% GRM1882C2A331JA01# #30pF #5% GRM1882C2A331JA01# #30pF #5% GRM1882C2A391JA01# #30pF #5% GRM1882C2A391JA01# #30pF #5% GRM1882C2A391JA01# #30pF #5% GRM1882C2A31JA01# #30pF #5% GRM1882C2A391JA01# #30pF #5% GRM1882C2A391JA01# #30pF #5% GRM1882C2A391JA01# #30pF #5% GRM1882C2A361JA01# #30pF #5% GRM1882C2A681JA01# #30pF #5% GRM1882C2A681JA01# #30pF #5% GRM1882C2A681JA01# #30pF #5% GRM1882C2A821JA01# | | | | 9.8pF | ±0.05pF | GRM1882C2A9R8WA01# | |
| ## ## ## ## ## ## ## ## ## ## ## ## ## | | | | | ±0.1pF | GRM1882C2A9R8BA01# | |
| 9.9pF ±0.05pF GRM1882C2A9R9WA01# ±0.1pF GRM1882C2A9R9BA01# ±0.25pF GRM1882C2A9R9DA01# ±0.5pF GRM1882C2A9R9DA01# ±0.5pF GRM1882C2A9R9DA01# 10pF ±5% GRM1882C2A10JA01# 12pF ±5% GRM1882C2A120JA01# 15pF ±5% GRM1882C2A150JA01# 22pF ±5% GRM1882C2A180JA01# 22pF ±5% GRM1882C2A20JA01# 33pF ±5% GRM1882C2A20JA01# 33pF ±5% GRM1882C2A30JA01# 33pF ±5% GRM1882C2A30JA01# 56pF ±5% GRM1882C2A30JA01# 100pF ±5% GRM1882C2A680JA01# 100pF ±5% GRM1882C2A680JA01# 120pF ±5% GRM1882C2A10JA01# 120pF ±5% GRM1882C2A10JA01# 150pF ±5% GRM1882C2A11JA01# 150pF ±5% GRM1882C2A21JA01# 150pF ±5% GRM1882C2A21JA01# 150pF ±5% GRM1882C2A31JA01# 150pF ±5% GRM1882C2A32JA01# 150pF ±5 | | | | | ±0.25pF | GRM1882C2A9R8CA01# | |
| ### ### ############################## | | | | | ±0.5pF | GRM1882C2A9R8DA01# | |
| ### ### ############################## | | | | 9.9pF | ±0.05pF | GRM1882C2A9R9WA01# | |
| ## ±0.5pF GRM1882C2A9R9DA01# ## 12pF | | | | | ±0.1pF | GRM1882C2A9R9BA01# | |
| 10pF ±5% GRM1882C2A10JA01# 12pF ±5% GRM1882C2A120JA01# 15pF ±5% GRM1882C2A150JA01# 18pF ±5% GRM1882C2A180JA01# 22pF ±5% GRM1882C2A20JA01# 27pF ±5% GRM1882C2A270JA01# 33pF ±5% GRM1882C2A330JA01# 33pF ±5% GRM1882C2A390JA01# 47pF ±5% GRM1882C2A390JA01# 68pF ±5% GRM1882C2A680JA01# 68pF ±5% GRM1882C2A680JA01# 100pF ±5% GRM1882C2A820JA01# 120pF ±5% GRM1882C2A101JA01# 120pF ±5% GRM1882C2A101JA01# 120pF ±5% GRM1882C2A11JA01# 120pF ±5% GRM1882C2A11JA01# 220pF ±5% GRM1882C2A11JA01# 220pF ±5% GRM1882C2A131JA01# 220pF ±5% GRM1882C2A21JA01# 330pF ±5% GRM1882C2A331JA01# 330pF ±5% GRM1882C2A331JA01# 330pF ±5% GRM1882C2A331JA01# 560pF ±5% GRM1882C2A681JA01# 680pF ±5% GRM1882C2A681JA01# 680pF ±5% GRM1882C2A681JA01# 680pF ±5% GRM1882C2A681JA01# 680pF ±5% GRM1882C2A681JA01# | | | | | ±0.25pF | GRM1882C2A9R9CA01# | |
| 12pF ±5% GRM1882C2A120JA01# 15pF ±5% GRM1882C2A150JA01# 18pF ±5% GRM1882C2A180JA01# 22pF ±5% GRM1882C2A220JA01# 27pF ±5% GRM1882C2A270JA01# 33pF ±5% GRM1882C2A330JA01# 39pF ±5% GRM1882C2A390JA01# 47pF ±5% GRM1882C2A390JA01# 56pF ±5% GRM1882C2A470JA01# 82pF ±5% GRM1882C2A680JA01# 82pF ±5% GRM1882C2A680JA01# 100pF ±5% GRM1882C2A101JA01# 120pF ±5% GRM1882C2A101JA01# 150pF ±5% GRM1882C2A111JA01# 150pF ±5% GRM1882C2A151JA01# 220pF ±5% GRM1882C2A151JA01# 220pF ±5% GRM1882C2A151JA01# 330pF ±5% GRM1882C2A331JA01# 330pF ±5% GRM1882C2A331JA01# 390pF ±5% GRM1882C2A391JA01# 560pF ±5% GRM1882C2A391JA01# 560pF ±5% GRM1882C2A661JA01# 680pF ±5% GRM1882C2A661JA01# 680pF ±5% GRM1882C2A661JA01# 680pF ±5% GRM1882C2A661JA01# 680pF ±5% GRM1882C2A661JA01# | | | | | ±0.5pF | GRM1882C2A9R9DA01# | |
| 15pF ±5% GRM1882C2A150JA01# 18pF ±5% GRM1882C2A180JA01# 22pF ±5% GRM1882C2A220JA01# 27pF ±5% GRM1882C2A270JA01# 33pF ±5% GRM1882C2A330JA01# 33pF ±5% GRM1882C2A390JA01# 47pF ±5% GRM1882C2A390JA01# 56pF ±5% GRM1882C2A560JA01# 68pF ±5% GRM1882C2A680JA01# 100pF ±5% GRM1882C2A820JA01# 120pF ±5% GRM1882C2A101JA01# 120pF ±5% GRM1882C2A11JA01# 150pF ±5% GRM1882C2A11JA01# 180pF ±5% GRM1882C2A151JA01# 220pF ±5% GRM1882C2A151JA01# 330pF ±5% GRM1882C2A131JA01# 270pF ±5% GRM1882C2A131JA01# 330pF ±5% GRM1882C2A211JA01# 560pF ±5% GRM1882C2A31JA01# 470pF ±5% GRM1882C2A31JA01# 560pF ±5% GRM1882C2A31JA01# 560pF ±5% GRM1882C2A471JA01# 560pF ±5% GRM1882C2A661JA01# 820pF ±5% GRM1882C2A821JA01# 820pF ±5% GRM1882C2A821JA01# | | | | 10pF | ±5% | GRM1882C2A100JA01# | |
| 18pF ±5% GRM1882C2A180JA01# 22pF ±5% GRM1882C2A220JA01# 27pF ±5% GRM1882C2A330JA01# 33pF ±5% GRM1882C2A330JA01# 39pF ±5% GRM1882C2A390JA01# 47pF ±5% GRM1882C2A470JA01# 56pF ±5% GRM1882C2A560JA01# 68pF ±5% GRM1882C2A680JA01# 100pF ±5% GRM1882C2A820JA01# 120pF ±5% GRM1882C2A101JA01# 150pF ±5% GRM1882C2A121JA01# 180pF ±5% GRM1882C2A151JA01# 180pF ±5% GRM1882C2A151JA01# 220pF ±5% GRM1882C2A221JA01# 270pF ±5% GRM1882C2A221JA01# 330pF ±5% GRM1882C2A331JA01# 330pF ±5% GRM1882C2A331JA01# 470pF ±5% GRM1882C2A31JA01# 560pF ±5% GRM1882C2A471JA01# 560pF ±5% GRM1882C2A651JA01# 680pF ±5% GRM1882C2A681JA01# 820pF ±5% GRM1882C2A821JA01# 820pF ±5% GRM1882C2A821JA01# | | | | 12pF | ±5% | GRM1882C2A120JA01# | |
| 22pF ±5% GRM1882C2A220JA01# 27pF ±5% GRM1882C2A270JA01# 33pF ±5% GRM1882C2A330JA01# 33pF ±5% GRM1882C2A390JA01# 47pF ±5% GRM1882C2A470JA01# 56pF ±5% GRM1882C2A560JA01# 82pF ±5% GRM1882C2A680JA01# 100pF ±5% GRM1882C2A101JA01# 120pF ±5% GRM1882C2A121JA01# 150pF ±5% GRM1882C2A121JA01# 150pF ±5% GRM1882C2A121JA01# 220pF ±5% GRM1882C2A121JA01# 220pF ±5% GRM1882C2A221JA01# 270pF ±5% GRM1882C2A221JA01# 330pF ±5% GRM1882C2A221JA01# 330pF ±5% GRM1882C2A331JA01# 390pF ±5% GRM1882C2A331JA01# 390pF ±5% GRM1882C2A31JA01# 560pF ±5% GRM1882C2A681JA01# 680pF ±5% GRM1882C2A681JA01# 820pF ±5% GRM1882C2A821JA01# | | | | 15pF | ±5% | GRM1882C2A150JA01# | |
| 27pF ±5% GRM1882C2A270JA01# 33pF ±5% GRM1882C2A330JA01# 33pF ±5% GRM1882C2A390JA01# 47pF ±5% GRM1882C2A470JA01# 56pF ±5% GRM1882C2A560JA01# 82pF ±5% GRM1882C2A680JA01# 100pF ±5% GRM1882C2A820JA01# 120pF ±5% GRM1882C2A101JA01# 150pF ±5% GRM1882C2A121JA01# 180pF ±5% GRM1882C2A151JA01# 220pF ±5% GRM1882C2A181JA01# 220pF ±5% GRM1882C2A2131JA01# 330pF ±5% GRM1882C2A2131JA01# 330pF ±5% GRM1882C2A331JA01# 330pF ±5% GRM1882C2A331JA01# 470pF ±5% GRM1882C2A391JA01# 470pF ±5% GRM1882C2A391JA01# 560pF ±5% GRM1882C2A651JA01# 680pF ±5% GRM1882C2A661JA01# 820pF ±5% GRM1882C2A821JA01# 820pF ±5% GRM1882C2A821JA01# | | | | 18pF | ±5% | GRM1882C2A180JA01# | |
| 33pF ±5% GRM1882C2A330JA01# 39pF ±5% GRM1882C2A390JA01# 47pF ±5% GRM1882C2A470JA01# 56pF ±5% GRM1882C2A560JA01# 68pF ±5% GRM1882C2A680JA01# 100pF ±5% GRM1882C2A820JA01# 120pF ±5% GRM1882C2A101JA01# 150pF ±5% GRM1882C2A121JA01# 180pF ±5% GRM1882C2A151JA01# 220pF ±5% GRM1882C2A181JA01# 220pF ±5% GRM1882C2A221JA01# 270pF ±5% GRM1882C2A221JA01# 330pF ±5% GRM1882C2A331JA01# 330pF ±5% GRM1882C2A331JA01# 390pF ±5% GRM1882C2A371JA01# 560pF ±5% GRM1882C2A471JA01# 560pF ±5% GRM1882C2A471JA01# 560pF ±5% GRM1882C2A661JA01# 820pF ±5% GRM1882C2A821JA01# 820pF ±5% GRM1882C2A821JA01# | | | | 22pF | ±5% | GRM1882C2A220JA01# | |
| 39pF ±5% GRM1882C2A390JA01# 47pF ±5% GRM1882C2A470JA01# 56pF ±5% GRM1882C2A560JA01# 68pF ±5% GRM1882C2A680JA01# 100pF ±5% GRM1882C2A820JA01# 120pF ±5% GRM1882C2A101JA01# 150pF ±5% GRM1882C2A121JA01# 180pF ±5% GRM1882C2A151JA01# 220pF ±5% GRM1882C2A151JA01# 220pF ±5% GRM1882C2A221JA01# 270pF ±5% GRM1882C2A221JA01# 330pF ±5% GRM1882C2A331JA01# 390pF ±5% GRM1882C2A331JA01# 470pF ±5% GRM1882C2A371JA01# 560pF ±5% GRM1882C2A471JA01# 560pF ±5% GRM1882C2A651JA01# 680pF ±5% GRM1882C2A661JA01# 820pF ±5% GRM1882C2A821JA01# | | | | 27pF | ±5% | GRM1882C2A270JA01# | |
| 47pF ±5% GRM1882C2A470JA01# 56pF ±5% GRM1882C2A560JA01# 82pF ±5% GRM1882C2A680JA01# 100pF ±5% GRM1882C2A101JA01# 120pF ±5% GRM1882C2A121JA01# 150pF ±5% GRM1882C2A121JA01# 180pF ±5% GRM1882C2A151JA01# 220pF ±5% GRM1882C2A181JA01# 270pF ±5% GRM1882C2A221JA01# 270pF ±5% GRM1882C2A221JA01# 330pF ±5% GRM1882C2A231JA01# 390pF ±5% GRM1882C2A331JA01# 470pF ±5% GRM1882C2A31JA01# 560pF ±5% GRM1882C2A471JA01# 560pF ±5% GRM1882C2A661JA01# 820pF ±5% GRM1882C2A681JA01# 820pF ±5% GRM1882C2A821JA01# | | | | 33pF | ±5% | GRM1882C2A330JA01# | |
| 56pF ±5% GRM1882C2A560JA01# 68pF ±5% GRM1882C2A680JA01# 82pF ±5% GRM1882C2A820JA01# 100pF ±5% GRM1882C2A101JA01# 120pF ±5% GRM1882C2A121JA01# 150pF ±5% GRM1882C2A151JA01# 180pF ±5% GRM1882C2A181JA01# 220pF ±5% GRM1882C2A221JA01# 270pF ±5% GRM1882C2A221JA01# 330pF ±5% GRM1882C2A271JA01# 390pF ±5% GRM1882C2A331JA01# 470pF ±5% GRM1882C2A391JA01# 560pF ±5% GRM1882C2A561JA01# 680pF ±5% GRM1882C2A681JA01# 820pF ±5% GRM1882C2A821JA01# 820pF ±5% GRM1882C2A821JA01# | | | | 39pF | ±5% | GRM1882C2A390JA01# | |
| 68pF ±5% GRM1882C2A680JA01# 82pF ±5% GRM1882C2A820JA01# 100pF ±5% GRM1882C2A101JA01# 120pF ±5% GRM1882C2A121JA01# 150pF ±5% GRM1882C2A151JA01# 180pF ±5% GRM1882C2A181JA01# 220pF ±5% GRM1882C2A221JA01# 270pF ±5% GRM1882C2A221JA01# 330pF ±5% GRM1882C2A331JA01# 390pF ±5% GRM1882C2A331JA01# 470pF ±5% GRM1882C2A371JA01# 560pF ±5% GRM1882C2A471JA01# 560pF ±5% GRM1882C2A651JA01# 680pF ±5% GRM1882C2A661JA01# 820pF ±5% GRM1882C2A821JA01# 1000pF ±5% GRM1882C2A821JA01# | | | | 47pF | ±5% | GRM1882C2A470JA01# | |
| 82pF ±5% GRM1882C2A820JA01# 100pF ±5% GRM1882C2A101JA01# 120pF ±5% GRM1882C2A121JA01# 150pF ±5% GRM1882C2A151JA01# 180pF ±5% GRM1882C2A181JA01# 220pF ±5% GRM1882C2A221JA01# 270pF ±5% GRM1882C2A221JA01# 330pF ±5% GRM1882C2A331JA01# 390pF ±5% GRM1882C2A331JA01# 470pF ±5% GRM1882C2A471JA01# 560pF ±5% GRM1882C2A561JA01# 680pF ±5% GRM1882C2A681JA01# 820pF ±5% GRM1882C2A821JA01# 1000pF ±5% GRM1882C2A821JA01# | | | | 56pF | ±5% | GRM1882C2A560JA01# | |
| 100pF ±5% GRM1882C2A101JA01# 120pF ±5% GRM1882C2A121JA01# 150pF ±5% GRM1882C2A151JA01# 180pF ±5% GRM1882C2A181JA01# 220pF ±5% GRM1882C2A221JA01# 270pF ±5% GRM1882C2A271JA01# 330pF ±5% GRM1882C2A331JA01# 390pF ±5% GRM1882C2A391JA01# 470pF ±5% GRM1882C2A471JA01# 560pF ±5% GRM1882C2A561JA01# 680pF ±5% GRM1882C2A681JA01# 820pF ±5% GRM1882C2A821JA01# 1000pF ±5% GRM1882C2A821JA01# | | | | 68pF | ±5% | GRM1882C2A680JA01# | |
| 120pF ±5% GRM1882C2A121JA01# 150pF ±5% GRM1882C2A151JA01# 180pF ±5% GRM1882C2A181JA01# 220pF ±5% GRM1882C2A221JA01# 270pF ±5% GRM1882C2A271JA01# 330pF ±5% GRM1882C2A331JA01# 390pF ±5% GRM1882C2A391JA01# 470pF ±5% GRM1882C2A471JA01# 560pF ±5% GRM1882C2A561JA01# 680pF ±5% GRM1882C2A681JA01# 820pF ±5% GRM1882C2A821JA01# 1000pF ±5% GRM1882C2A821JA01# | | | | 82pF | ±5% | GRM1882C2A820JA01# | |
| 150pF ±5% GRM1882C2A151JA01# 180pF ±5% GRM1882C2A181JA01# 220pF ±5% GRM1882C2A221JA01# 270pF ±5% GRM1882C2A271JA01# 330pF ±5% GRM1882C2A331JA01# 390pF ±5% GRM1882C2A391JA01# 470pF ±5% GRM1882C2A471JA01# 560pF ±5% GRM1882C2A561JA01# 680pF ±5% GRM1882C2A681JA01# 820pF ±5% GRM1882C2A821JA01# 1000pF ±5% GRM1882C2A102JA01# | | | | 100pF | ±5% | GRM1882C2A101JA01# | |
| 180pF ±5% GRM1882C2A181JA01# 220pF ±5% GRM1882C2A221JA01# 270pF ±5% GRM1882C2A271JA01# 330pF ±5% GRM1882C2A331JA01# 390pF ±5% GRM1882C2A391JA01# 470pF ±5% GRM1882C2A471JA01# 560pF ±5% GRM1882C2A561JA01# 680pF ±5% GRM1882C2A681JA01# 820pF ±5% GRM1882C2A821JA01# 1000pF ±5% GRM1882C2A102JA01# | | | | 120pF | ±5% | GRM1882C2A121JA01# | |
| 220pF ±5% GRM1882C2A221JA01# 270pF ±5% GRM1882C2A271JA01# 330pF ±5% GRM1882C2A331JA01# 390pF ±5% GRM1882C2A391JA01# 470pF ±5% GRM1882C2A471JA01# 560pF ±5% GRM1882C2A561JA01# 680pF ±5% GRM1882C2A681JA01# 820pF ±5% GRM1882C2A821JA01# 1000pF ±5% GRM1882C2A102JA01# | | | | 150pF | ±5% | GRM1882C2A151JA01# | |
| 270pF ±5% GRM1882C2A271JA01# 330pF ±5% GRM1882C2A331JA01# 390pF ±5% GRM1882C2A391JA01# 470pF ±5% GRM1882C2A471JA01# 560pF ±5% GRM1882C2A561JA01# 680pF ±5% GRM1882C2A681JA01# 820pF ±5% GRM1882C2A821JA01# 1000pF ±5% GRM1882C2A821JA01# | | | | 180pF | ±5% | GRM1882C2A181JA01# | |
| 330pF ±5% GRM1882C2A331JA01# 390pF ±5% GRM1882C2A391JA01# 470pF ±5% GRM1882C2A471JA01# 560pF ±5% GRM1882C2A561JA01# 680pF ±5% GRM1882C2A681JA01# 820pF ±5% GRM1882C2A821JA01# 1000pF ±5% GRM1882C2A102JA01# | | | | 220pF | ±5% | GRM1882C2A221JA01# | |
| 390pF ±5% GRM1882C2A391JA01# 470pF ±5% GRM1882C2A471JA01# 560pF ±5% GRM1882C2A561JA01# 680pF ±5% GRM1882C2A681JA01# 820pF ±5% GRM1882C2A821JA01# 1000pF ±5% GRM1882C2A102JA01# | | | | 270pF | ±5% | GRM1882C2A271JA01# | |
| 470pF ±5% GRM1882C2A471JA01# 560pF ±5% GRM1882C2A561JA01# 680pF ±5% GRM1882C2A681JA01# 820pF ±5% GRM1882C2A821JA01# 1000pF ±5% GRM1882C2A102JA01# | | | | 330pF | ±5% | GRM1882C2A331JA01# | |
| 560pF ±5% GRM1882C2A561JA01# 680pF ±5% GRM1882C2A681JA01# 820pF ±5% GRM1882C2A821JA01# 1000pF ±5% GRM1882C2A102JA01# | | | | 390pF | ±5% | GRM1882C2A391JA01# | |
| 680pF ±5% GRM1882C2A681JA01# 820pF ±5% GRM1882C2A821JA01# 1000pF ±5% GRM1882C2A102JA01# | | | | 470pF | ±5% | GRM1882C2A471JA01# | |
| 820pF ±5% GRM1882C2A821JA01# 1000pF ±5% GRM1882C2A102JA01# | | | | 560pF | ±5% | GRM1882C2A561JA01# | |
| 1000pF ±5% GRM1882C2A102JA01# | | | | 680pF | ±5% | GRM1882C2A681JA01# | |
| | | | | 820pF | ±5% | GRM1882C2A821JA01# | |
| 1200pF ±5% GRM1882C2A122JA01# | | | | 1000pF | ±5% | GRM1882C2A102JA01# | |
| Part number # indicates the package specification code. | | | | • | I | | |

→ ■ 1.6×0.8mm)

| (→ ■ 1 | .6×0.8r | mm) | | | |
|-----------|------------------|------------|--------|---------|--------------------|
| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number |
| 0.9mm | 100Vdc | СН | 1500pF | ±5% | GRM1882C2A152JA01# |
| | 50Vdc | COG | 0.5pF | ±0.05pF | GRM1885C1HR50WA01# |
| | | | | ±0.1pF | GRM1885C1HR50BA01# |
| | | | 0.6pF | ±0.05pF | GRM1885C1HR60WA01# |
| | | | | ±0.1pF | GRM1885C1HR60BA01# |
| | | | 0.7pF | ±0.05pF | GRM1885C1HR70WA01# |
| | | | | ±0.1pF | GRM1885C1HR70BA01# |
| | | | 0.8pF | ±0.05pF | GRM1885C1HR80WA01# |
| | | | | ±0.1pF | GRM1885C1HR80BA01# |
| | | | 0.9pF | ±0.05pF | GRM1885C1HR90WA01# |
| | | | | ±0.1pF | GRM1885C1HR90BA01# |
| | | | 1.0pF | ±0.05pF | GRM1885C1H1R0WA01# |
| | | | | ±0.1pF | GRM1885C1H1R0BA01# |
| | | | | ±0.25pF | GRM1885C1H1R0CA01# |
| | | | 1.1pF | ±0.05pF | GRM1885C1H1R1WA01# |
| | | | | ±0.1pF | GRM1885C1H1R1BA01# |
| | | | | ±0.25pF | GRM1885C1H1R1CA01# |
| | | | 1.2pF | ±0.05pF | GRM1885C1H1R2WA01# |
| | | | | ±0.1pF | GRM1885C1H1R2BA01# |
| | | | | ±0.25pF | GRM1885C1H1R2CA01# |
| | | | 1.3pF | ±0.05pF | GRM1885C1H1R3WA01# |
| | | | | ±0.1pF | GRM1885C1H1R3BA01# |
| | | | | ±0.25pF | GRM1885C1H1R3CA01# |
| | | | 1.4pF | ±0.05pF | GRM1885C1H1R4WA01# |
| | | | | ±0.1pF | GRM1885C1H1R4BA01# |
| | | | | ±0.25pF | GRM1885C1H1R4CA01# |
| | | | 1.5pF | ±0.05pF | GRM1885C1H1R5WA01# |
| | | | | ±0.1pF | GRM1885C1H1R5BA01# |
| | | | | ±0.25pF | GRM1885C1H1R5CA01# |
| | | | 1.6pF | ±0.05pF | GRM1885C1H1R6WA01# |
| | | | | ±0.1pF | GRM1885C1H1R6BA01# |
| | | | | ±0.25pF | GRM1885C1H1R6CA01# |
| | | | 1.7pF | ±0.05pF | GRM1885C1H1R7WA01# |
| | | | | ±0.1pF | GRM1885C1H1R7BA01# |
| | | | | ±0.25pF | GRM1885C1H1R7CA01# |
| | | | 1.8pF | ±0.05pF | GRM1885C1H1R8WA01# |
| | | | | ±0.1pF | GRM1885C1H1R8BA01# |
| | | | | ±0.25pF | GRM1885C1H1R8CA01# |
| | | | 1.9pF | ±0.05pF | GRM1885C1H1R9WA01# |
| | | | | ±0.1pF | GRM1885C1H1R9BA01# |
| | | | | ±0.25pF | GRM1885C1H1R9CA01# |
| | | | 2.0pF | ±0.05pF | GRM1885C1H2R0WA01# |
| | | | | ±0.1pF | GRM1885C1H2R0BA01# |
| | | | | ±0.25pF | GRM1885C1H2R0CA01# |
| | | | 2.1pF | ±0.05pF | GRM1885C1H2R1WA01# |
| | | | | ±0.1pF | GRM1885C1H2R1BA01# |
| | | | | ±0.25pF | GRM1885C1H2R1CA01# |
| | | | 2.2pF | ±0.05pF | GRM1885C1H2R2WA01# |
| | | | | ±0.1pF | GRM1885C1H2R2BA01# |
| | | | | ±0.25pF | GRM1885C1H2R2CA01# |
| | | | 2.3pF | ±0.05pF | GRM1885C1H2R3WA01# |
| | | | | ±0.1pF | GRM1885C1H2R3BA01# |
| | | | | ±0.25pF | GRM1885C1H2R3CA01# |
| | | | 2.4pF | ±0.05pF | GRM1885C1H2R4WA01# |

| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number | |
|-----------|------------------|------------|-------|-------------------|--|-------|
| 0.9mm | 50Vdc | COG | 2.4pF | ±0.1pF | GRM1885C1H2R4BA01# | |
| | | | | ±0.25pF | GRM1885C1H2R4CA01# | |
| | | | 2.5pF | ±0.05pF | GRM1885C1H2R5WA01# | |
| | | | | ±0.1pF | GRM1885C1H2R5BA01# | |
| | | | | ±0.25pF | GRM1885C1H2R5CA01# | |
| | | | 2.6pF | ±0.05pF | GRM1885C1H2R6WA01# | |
| | | | | ±0.1pF | GRM1885C1H2R6BA01# | |
| | | | | ±0.25pF | GRM1885C1H2R6CA01# | |
| | | | 2.7pF | ±0.05pF | GRM1885C1H2R7WA01# | |
| | | | | ±0.1pF | GRM1885C1H2R7BA01# | |
| | | | | ±0.25pF | GRM1885C1H2R7CA01# | |
| | | | 2.8pF | ±0.05pF | GRM1885C1H2R8WA01# | |
| | | | | ±0.1pF | GRM1885C1H2R8BA01# | |
| | | | | ±0.25pF | GRM1885C1H2R8CA01# | |
| | | | 2.9pF | ±0.05pF | GRM1885C1H2R9WA01# | |
| | | | | ±0.1pF | GRM1885C1H2R9BA01# | |
| | | | | ±0.25pF | GRM1885C1H2R9CA01# | |
| | | | 3.0pF | ±0.05pF | GRM1885C1H3R0WA01# | |
| | | | | ±0.1pF | GRM1885C1H3R0BA01# | |
| | | | | ±0.25pF | GRM1885C1H3R0CA01# | |
| | | | 3.1pF | ±0.05pF | GRM1885C1H3R1WA01# | |
| | | | | ±0.1pF | GRM1885C1H3R1BA01# | |
| | | | | ±0.25pF | GRM1885C1H3R1CA01# | |
| | | | 3.2pF | ±0.05pF | GRM1885C1H3R2WA01# | |
| | | | | ±0.1pF | GRM1885C1H3R2BA01# | |
| | | | | ±0.25pF | GRM1885C1H3R2CA01# | |
| | | | 3.3pF | ±0.05pF | GRM1885C1H3R3WA01# | |
| | | | | ±0.1pF | GRM1885C1H3R3BA01# | |
| | | | | ±0.25pF | GRM1885C1H3R3CA01# | |
| | | | 3.4pF | ±0.05pF | GRM1885C1H3R4WA01# | |
| | | | | ±0.1pF | GRM1885C1H3R4BA01# | |
| | | | | ±0.25pF | GRM1885C1H3R4CA01# | |
| | | | 3.5pF | ±0.05pF | GRM1885C1H3R5WA01# | |
| | | | | ±0.1pF | GRM1885C1H3R5BA01# | |
| | | | | ±0.25pF | GRM1885C1H3R5CA01# | |
| | | | 3.6pF | ±0.05pF | | |
| | | | | ±0.1pF | GRM1885C1H3R6BA01# | |
| | | | 07.5 | ±0.25pF | | |
| | | | 3.7pF | ±0.05pF | | |
| | | | | ±0.1pF | GRM1885C1H3R7BA01# | |
| | | | 0.0-5 | ±0.25pF | GRM1885C1H3R7CA01# | |
| | | | 3.8pF | ±0.05pF | GRM1885C1H3R8WA01# | |
| | | | | ±0.1pF | GRM1885C1H3R8BA01# | |
| | | | 2.05 | ±0.25pF | | |
| | | | 3.9pF | ±0.05pF | | |
| | | | | ±0.1pF ±0.25pF | GRM1885C1H3R9BA01# GRM1885C1H3R9CA01# | |
| | | | 4.0pF | ±0.25pF | GRM1885C1H4R0WA01# | |
| | | | | ±0.1pF | GRM1885C1H4R0BA01# | |
| | | | | ±0.25pF | GRM1885C1H4R0CA01# | |
| | | | 4.1pF | ±0.05pF | GRM1885C1H4R1WA01# | |
| | | | | ±0.1pF | GRM1885C1H4R1BA01# | |
| | | | | ±0.25pF | | |
| | | | 4.2pF | ±0.05pF | GRM1885C1H4R2WA01# | |
| | 1 | | | | ates the package specification | code. |



(→ **■** 1.6×0.8mm)

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number |
|-----------|------------------|------------|-------|---------|--------------------|
|).9mm | 50Vdc | COG | 4.2pF | ±0.1pF | GRM1885C1H4R2BA01# |
| | | | | ±0.25pF | GRM1885C1H4R2CA01# |
| | | | 4.3pF | ±0.05pF | GRM1885C1H4R3WA01# |
| | | | | ±0.1pF | GRM1885C1H4R3BA01# |
| | | | | ±0.25pF | GRM1885C1H4R3CA01# |
| | | | 4.4pF | ±0.05pF | GRM1885C1H4R4WA01# |
| | | | | ±0.1pF | GRM1885C1H4R4BA01# |
| | | | | ±0.25pF | GRM1885C1H4R4CA01# |
| | | | 4.5pF | ±0.05pF | GRM1885C1H4R5WA01# |
| | | | | ±0.1pF | GRM1885C1H4R5BA01# |
| | | | | ±0.25pF | GRM1885C1H4R5CA01# |
| | | | 4.6pF | ±0.05pF | GRM1885C1H4R6WA01# |
| | | | | ±0.1pF | GRM1885C1H4R6BA01# |
| | | | | ±0.25pF | GRM1885C1H4R6CA01# |
| | | | 4.7pF | ±0.05pF | GRM1885C1H4R7WA01# |
| | | | • | ±0.1pF | GRM1885C1H4R7BA01# |
| | | | | ±0.25pF | GRM1885C1H4R7CA01# |
| | | | 4.8pF | ±0.05pF | GRM1885C1H4R8WA01# |
| | | | 1- | ±0.1pF | GRM1885C1H4R8BA01# |
| | | | | ±0.25pF | GRM1885C1H4R8CA01# |
| | | | 4.9pF | ±0.05pF | GRM1885C1H4R9WA01# |
| | | | 1.001 | ±0.1pF | GRM1885C1H4R9BA01# |
| | | | | ±0.25pF | GRM1885C1H4R9CA01# |
| | | | 5.0pF | ±0.05pF | GRM1885C1H5R0WA01# |
| | | | J.0pi | ±0.05pi | GRM1885C1H5R0BA01# |
| | | | | - | GRM1885C1H5R0CA01# |
| | | | E 1nE | ±0.25pF | GRM1885C1H5R1WA01# |
| | | | 5.1pF | ±0.05pF | |
| | | | | ±0.1pF | GRM1885C1H5R1BA01# |
| | | | | ±0.25pF | GRM1885C1H5R1CA01# |
| | | | | ±0.5pF | GRM1885C1H5R1DA01# |
| | | | 5.2pF | ±0.05pF | GRM1885C1H5R2WA01# |
| | | | | ±0.1pF | GRM1885C1H5R2BA01# |
| | | | | ±0.25pF | GRM1885C1H5R2CA01# |
| | | | | ±0.5pF | GRM1885C1H5R2DA01# |
| | | | 5.3pF | ±0.05pF | GRM1885C1H5R3WA01# |
| | | | | ±0.1pF | GRM1885C1H5R3BA01# |
| | | | | ±0.25pF | GRM1885C1H5R3CA01# |
| | | | | ±0.5pF | GRM1885C1H5R3DA01# |
| | | | 5.4pF | ±0.05pF | GRM1885C1H5R4WA01# |
| | | | | ±0.1pF | GRM1885C1H5R4BA01# |
| | | | | ±0.25pF | GRM1885C1H5R4CA01# |
| | | | | ±0.5pF | GRM1885C1H5R4DA01# |
| | | | 5.5pF | ±0.05pF | GRM1885C1H5R5WA01# |
| | | | | ±0.1pF | GRM1885C1H5R5BA01# |
| | | | | ±0.25pF | GRM1885C1H5R5CA01# |
| | | | | ±0.5pF | GRM1885C1H5R5DA01# |
| | | | 5.6pF | ±0.05pF | GRM1885C1H5R6WA01# |
| | | | | ±0.1pF | GRM1885C1H5R6BA01# |
| | | | | ±0.25pF | GRM1885C1H5R6CA01# |
| | | | | ±0.5pF | GRM1885C1H5R6DA01# |
| | | | 5.7pF | ±0.05pF | GRM1885C1H5R7WA01# |
| | | | | ±0.1pF | GRM1885C1H5R7BA01# |
| | | | | ±0.25pF | GRM1885C1H5R7CA01# |
| | | | | ±0.5pF | GRM1885C1H5R7DA01# |

| | Part Number | Tol. | Сар. | TC Code | Rated Voltage | T max. |
|---------------------------------|--|------------------------------|----------------|------------|------------------|-----------|
|)1# | GRM1885C1H5R8WA01# | ±0.05pF | 5.8pF | COG | 50Vdc | 0.9mm |
| 1# | GRM1885C1H5R8BA01# | ±0.1pF | | | | |
| 1# | GRM1885C1H5R8CA01# | ±0.25pF | | | | |
| 1# | GRM1885C1H5R8DA01# | ±0.5pF | | | | |
|)1# | GRM1885C1H5R9WA01# | ±0.05pF | 5.9pF | | | |
| 1# | GRM1885C1H5R9BA01# | ±0.1pF | | | | |
| 1# | GRM1885C1H5R9CA01# | ±0.25pF | | | | |
| 1# | GRM1885C1H5R9DA01# | ±0.5pF | | | | |
|)1# | GRM1885C1H6R0WA01# | ±0.05pF | 6.0pF | | | |
| 1# | GRM1885C1H6R0BA01# | ±0.1pF | | | | |
| 1# | GRM1885C1H6R0CA01# | ±0.25pF | | | | |
| 1# | GRM1885C1H6R0DA01# | ±0.5pF | | | | |
|)1# | GRM1885C1H6R1WA01# | ±0.05pF | 6.1pF | | | |
| 1# | GRM1885C1H6R1BA01# | ±0.1pF | | | | |
| 1# | GRM1885C1H6R1CA01# | ±0.25pF | | | | |
| 1# | GRM1885C1H6R1DA01# | ±0.5pF | | | | |
|)1# | GRM1885C1H6R2WA01# | ±0.05pF | 6.2pF | | | |
| 1# | GRM1885C1H6R2BA01# | ±0.1pF | | | | |
| 1# | GRM1885C1H6R2CA01# | ±0.25pF | | | | |
| 1# | GRM1885C1H6R2DA01# | ±0.5pF | | | | |
|)1# | GRM1885C1H6R3WA01# | ±0.05pF | 6.3pF | | | |
| 1# | GRM1885C1H6R3BA01# | ±0.1pF | | | | |
| 1# | GRM1885C1H6R3CA01# | ±0.25pF | | | | |
| 1# | GRM1885C1H6R3DA01# | ±0.5pF | 215 | | | |
|)1# | GRM1885C1H6R4WA01# | ±0.05pF | 6.4pF | | | |
| 1# | GRM1885C1H6R4BA01# | ±0.1pF | | | | |
| 1# | GRM1885C1H6R4CA01# | ±0.25pF | | | | |
| 1# | GRM1885C1H6R4DA01# | ±0.5pF | | | | |
| | GRM1885C1H6R5WA01# | ±0.05pF | 6.5pF | | | |
| | GRM1885C1H6R5BA01# | ±0.1pF | | | | |
| | GRM1885C1H6R5CA01# | · · | | | | |
| | GRM1885C1H6R5DA01# | ±0.5pF | | | | |
| | GRM1885C1H6R6WA01# | ±0.05pF | 6.6pF | | | |
| | GRM1885C1H6R6BA01# | ±0.1pF | | | | |
| | GRM1885C1H6R6CA01# | · · | | | | |
| | GRM1885C1H6R6DA01# | ±0.5pF | | | | |
| | GRM1885C1H6R7WA01# | <u> </u> | 6.7pF | | | |
| | GRM1885C1H6R7BA01# | ±0.1pF | | | | |
| | GRM1885C1H6R7CA01# | · · | | | | |
| | GRM1885C1H6R7DA01# | ±0.5pF | | | | |
| | GRM1885C1H6R8WA01# | ±0.05pF | 6.8pF | | | |
| | GRM1885C1H6R8BA01# | ±0.1pF | | | | |
| | GRM1885C1H6R8CA01# | ±0.25pF | | | | |
| | GRM1885C1H6R8DA01# | ±0.5pF | | | | |
|)1# | GRM1885C1H6R9WA01# | ±0.05pF | 6.9pF | | | |
| 4.11 | GRM1885C1H6R9BA01# | ±0.1pF | | | | |
| | OB11400F5 ::::: | ±0.25pF | | | | |
| 1# | GRM1885C1H6R9CA01# | ±0.5pF | | | | |
| 1# | GRM1885C1H6R9DA01# | - | | | 1 | |
|)1#)1#)1# | GRM1885C1H6R9DA01# GRM1885C1H7R0WA01# | ±0.05pF | 7.0pF | | | |
| 01# 01# 01# | GRM1885C1H6R9DA01# GRM1885C1H7R0WA01# GRM1885C1H7R0BA01# | ±0.05pF ±0.1pF | 7.0pF | | | |
| 11# 11# 11# 11# | GRM1885C1H6R9DA01# GRM1885C1H7R0WA01# GRM1885C1H7R0BA01# GRM1885C1H7R0CA01# | ±0.05pF ±0.1pF ±0.25pF | 7.0pF | | | |
| 01# 01# 01# 01# 01# | GRM1885C1H6R9DA01# GRM1885C1H7R0WA01# GRM1885C1H7R0BA01# | ±0.05pF ±0.1pF | 7.0pF 7.1pF | | | |

■ 1.6×0.8mm)

| (→ ■ 1 | 18.0×6. | nm) | | | |
|-----------|------------------|------------|-------|-------------------|--------------------|
| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number |
| 0.9mm | 50Vdc | COG | 7.1pF | ±0.25pF | GRM1885C1H7R1CA01# |
| | | | | ±0.5pF | GRM1885C1H7R1DA01# |
| | | | 7.2pF | ±0.05pF | GRM1885C1H7R2WA01# |
| | | | | ±0.1pF | GRM1885C1H7R2BA01# |
| | | | | ±0.25pF | GRM1885C1H7R2CA01# |
| | | | | ±0.5pF | GRM1885C1H7R2DA01# |
| | | | 7.3pF | ±0.05pF | GRM1885C1H7R3WA01# |
| | | | | ±0.1pF | GRM1885C1H7R3BA01# |
| | | | | ±0.25pF | GRM1885C1H7R3CA01# |
| | | | | ±0.5pF | GRM1885C1H7R3DA01# |
| | | | 7.4pF | ±0.05pF | GRM1885C1H7R4WA01# |
| | | | | ±0.1pF | GRM1885C1H7R4BA01# |
| | | | | ±0.25pF | GRM1885C1H7R4CA01# |
| | | | | ±0.5pF | GRM1885C1H7R4DA01# |
| | | | 7.5pF | ±0.05pF | GRM1885C1H7R5WA01# |
| | | | | ±0.1pF | GRM1885C1H7R5BA01# |
| | | | | ±0.25pF | GRM1885C1H7R5CA01# |
| | | | | ±0.5pF | GRM1885C1H7R5DA01# |
| | | | 7.6pF | ±0.05pF | GRM1885C1H7R6WA01# |
| | | | | ±0.1pF | GRM1885C1H7R6BA01# |
| | | | | ±0.25pF | GRM1885C1H7R6CA01# |
| | | | | ±0.5pF | GRM1885C1H7R6DA01# |
| | | | 7.7pF | ±0.05pF | GRM1885C1H7R7WA01# |
| | | | | ±0.1pF | GRM1885C1H7R7BA01# |
| | | | | ±0.25pF | GRM1885C1H7R7CA01# |
| | | | | ±0.5pF | GRM1885C1H7R7DA01# |
| | | | 7.8pF | ±0.05pF | GRM1885C1H7R8WA01# |
| | | | | ±0.1pF | GRM1885C1H7R8BA01# |
| | | | | ±0.25pF | GRM1885C1H7R8CA01# |
| | | | | ±0.5pF | GRM1885C1H7R8DA01# |
| | | | 7.9pF | ±0.05pF | GRM1885C1H7R9WA01# |
| | | | | ±0.1pF | GRM1885C1H7R9BA01# |
| | | | | ±0.25pF | GRM1885C1H7R9CA01# |
| | | | 0.0-5 | ±0.5pF | GRM1885C1H7R9DA01# |
| | | | 8.0pF | ±0.05pF | GRM1885C1H8R0WA01# |
| | | | | ±0.1pF ±0.25pF | |
| | | | | | GRM1885C1H8R0DA01# |
| | | | 8.1pF | ±0.5pF ±0.05pF | |
| | | | 0.1pi | ±0.05pi | GRM1885C1H8R1BA01# |
| | | | | ±0.25pF | GRM1885C1H8R1CA01# |
| | | | | ±0.5pF | GRM1885C1H8R1DA01# |
| | | | 8.2pF | ±0.5pF | GRM1885C1H8R2WA01# |
| | | | 0.2pi | ±0.1pF | GRM1885C1H8R2BA01# |
| | | | | ±0.25pF | |
| | | | | ±0.25pi | GRM1885C1H8R2DA01# |
| | | | 8.3pF | ±0.05pF | |
| | | | op, | ±0.1pF | GRM1885C1H8R3BA01# |
| | | | | ±0.25pF | GRM1885C1H8R3CA01# |
| | | | | ±0.5pF | GRM1885C1H8R3DA01# |
| | | | 8.4pF | ±0.05pF | GRM1885C1H8R4WA01# |
| | | | | ±0.1pF | GRM1885C1H8R4BA01# |
| | | | | ±0.25pF | |
| | | | | ±0.5pF | GRM1885C1H8R4DA01# |
| | | | | | <u> </u> |

| 0.9mm | T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number | |
|--|-----------|------------------|------------|----------|---------|--------------------|---|
| #0.25pF GRM1885C1H8RSDA01# #0.5pF GRM1885C1H8RGBA01# #0.25pF GRM1885C1H8RGBA01# #0.25pF GRM1885C1H8RGBA01# #0.25pF GRM1885C1H8RGBA01# #0.25pF GRM1885C1H8RGBA01# #0.25pF GRM1885C1H8RGBA01# #0.25pF GRM1885C1H8RTAA01# #0.25pF GRM1885C1H8RTAA01# #0.25pF GRM1885C1H8RTAA01# #0.25pF GRM1885C1H8RSBA01# #0.1pF GRM1885C1H8RBAA01# #0.25pF GRM1885C1HBRBAA01# #0.25pF GRM1885C1HBRBAA01# #0.25pF GRM1885C1HBRBAA01# #0.25pF GRM1885C1HBRDA01# #0.25pF GRM1885C1HBRDA0 | 0.9mm | 50Vdc | COG | 8.5pF | ±0.05pF | GRM1885C1H8R5WA01# | |
| ### ### ### ### ### ### ### ### ### ## | | | | | ±0.1pF | GRM1885C1H8R5BA01# | |
| 8.6pF ±0.05pF GRM1885C1H8R6WA01# ±0.25pF GRM1885C1H8R6CA01# ±0.5pF GRM1885C1H8R6CA01# ±0.05pF GRM1885C1H8R7BA01# ±0.25pF GRM1885C1H8R7DA01# ±0.25pF GRM1885C1H8R7DA01# ±0.25pF GRM1885C1H8RWA01# ±0.25pF GRM1885C1H8RWA01# ±0.25pF GRM1885C1H8R8WA01# ±0.25pF GRM1885C1H8R8WA01# ±0.25pF GRM1885C1H8R8WA01# ±0.25pF GRM1885C1H8R9DA01# ±0.25pF GRM1885C1H8R9CA01# ±0.5pF GRM1885C1H8R9CA01# ±0.5pF GRM1885C1H8R9CA01# ±0.5pF GRM1885C1H8R9CA01# ±0.5pF GRM1885C1H9R9CA01# ±0.5pF GRM1885C1H9R0A01# ±0.25pF GRM1885C1H9R0A01# ±0.25pF GRM1885C1H9R0A01# ±0.25pF GRM1885C1H9R1WA01# ±0.25pF GRM1885C1H9R1WA01# ±0.25pF GRM1885C1H9R1WA01# ±0.25pF GRM1885C1H9R1WA01# ±0.25pF GRM1885C1H9R1WA01# ±0.25pF GRM1885C1H9R2WA01# ±0.25pF GRM1885C1H9R2WA01# ±0.25pF GRM1885C1H9R2WA01# ±0.25pF GRM1885C1H9R2DA01# ±0.25pF GRM1885C1H9R2DA01# ±0.25pF GRM1885C1H9R3DA01# ±0.25pF GRM1885C1H9R5DA01# | | | | | ±0.25pF | GRM1885C1H8R5CA01# | |
| #0.1pF GRM1885C1H8R6BA01# ±0.25pF GRM1885C1H8R6DA01# ±0.5pF GRM1885C1H8R7WA01# ±0.1pF GRM1885C1H8R7WA01# ±0.25pF GRM1885C1H8R7WA01# ±0.25pF GRM1885C1H8R8WA01# ±0.5pF GRM1885C1H8R8WA01# ±0.5pF GRM1885C1H8R8BA01# ±0.5pF GRM1885C1H8R8BA01# ±0.5pF GRM1885C1H8R8DA01# ±0.5pF GRM1885C1H8R8DA01# ±0.5pF GRM1885C1H8R9WA01# ±0.5pF GRM1885C1H8R9WA01# ±0.5pF GRM1885C1H8R9DA01# ±0.5pF GRM1885C1H8R9DA01# ±0.5pF GRM1885C1H9R0BA01# ±0.5pF GRM1885C1H9R0BA01# ±0.5pF GRM1885C1H9R0BA01# ±0.5pF GRM1885C1H9R0BA01# ±0.5pF GRM1885C1H9R0BA01# ±0.5pF GRM1885C1H9R0BA01# ±0.5pF GRM1885C1H9R10BA01# ±0.5pF GRM1885C1H9R1DA01# ±0.5pF GRM1885C1H9R1DA01# ±0.5pF GRM1885C1H9R1DA01# ±0.5pF GRM1885C1H9R2BA01# ±0.5pF GRM1885C1H9R2BA01# ±0.5pF GRM1885C1H9R3BA01# ±0.5pF GRM1885C1H9R5BA01# ±0 | | | | | ±0.5pF | GRM1885C1H8R5DA01# | |
| #0.25pF GRM1885C1H8R6CA01# #1.0.5pF GRM1885C1H8R7WA01# #1.0.25pF GRM1885C1H8R7DA01# #1.0.25pF GRM1885C1H8R7DA01# #1.0.25pF GRM1885C1H8R7DA01# #1.0.25pF GRM1885C1H8R8DA01# #1.0.25pF GRM1885C1H8R8DA01# #1.0.5pF GRM1885C1H8RBDA01# #1.0.5pF GRM1885C1H9RDBA01# #1.0.5pF GRM1885C1H9RDBA01# #1.0.5pF GRM1885C1H9RDBA01# #1.0.5pF GRM1885C1H9RDBA01# #1.0.5pF GRM1885C1H9RDBA01# #1.0.5pF GRM1885C1H9RDA01# #1.0.5pF GRM185C1H9RDA01# # | | | | 8.6pF | ±0.05pF | GRM1885C1H8R6WA01# | |
| #0.5pF GRM1885C1H8R7WA01# ±0.1pF GRM1885C1H8R7CA01# ±0.25pF GRM1885C1H8R7CA01# ±0.25pF GRM1885C1H8R8WA01# ±0.25pF GRM1885C1H8R8WA01# ±0.25pF GRM1885C1H8R8WA01# ±0.25pF GRM1885C1H8R8WA01# ±0.25pF GRM1885C1H8R8WA01# ±0.25pF GRM1885C1H8R9WA01# ±0.5pF GRM1885C1H8R9WA01# ±0.5pF GRM1885C1H8R9BA01# ±0.5pF GRM1885C1H8R9BA01# ±0.5pF GRM1885C1H9R9BA01# ±0.5pF GRM1885C1H9R9BA01# ±0.5pF GRM1885C1H9R0A01# ±0.5pF GRM1885C1H9R0A01# ±0.5pF GRM1885C1H9R0A01# ±0.5pF GRM1885C1H9R0A01# ±0.5pF GRM1885C1H9R1WA01# ±0.5pF GRM1885C1H9R1WA01# ±0.5pF GRM1885C1H9R1A01# ±0.5pF GRM1885C1H9R1A01# ±0.5pF GRM1885C1H9R1A01# ±0.5pF GRM1885C1H9R1A01# ±0.5pF GRM1885C1H9R2A01# ±0.5pF GRM1885C1H9R2A01# ±0.5pF GRM1885C1H9R2A01# ±0.5pF GRM1885C1H9R3WA01# ±0.5pF GRM1885C1H9R3WA01# ±0.5pF GRM1885C1H9R3WA01# ±0.5pF GRM185C1H9R3WA01# ±0.5pF GRM185C1H9R3WA01# ±0.5pF GRM185C1H9R3WA01# ±0.5pF GRM185C1H9R3WA01# ±0.5pF GRM185C1H9R3WA01# ±0.5pF GRM185C1H9R3WA01# ±0.5pF GRM185C1H9R4A01# ±0.5pF GRM185C1H9R5WA01# ±0.5pF GRM185C1H9R5WA01# ±0.5pF GRM185C1H9R5WA01# ±0.5pF GRM185C1H9R6A01# ±0.5pF GRM185C1H9R6 | | | | | ±0.1pF | GRM1885C1H8R6BA01# | |
| 8.7pF ±0.05pF GRM1885C1H8R7WA01# ±0.25pF GRM1885C1H8R7DA01# ±0.25pF GRM1885C1H8R8WA01# ±0.25pF GRM1885C1H8R8WA01# ±0.25pF GRM1885C1H8R8WA01# ±0.25pF GRM1885C1H8R8WA01# ±0.25pF GRM1885C1H8R9WA01# ±0.25pF GRM1885C1H8R9CA01# ±0.5pF GRM1885C1H8R9CA01# ±0.5pF GRM1885C1H8R9CA01# ±0.5pF GRM1885C1H8R9CA01# ±0.5pF GRM1885C1H9R9CA01# ±0.5pF GRM1885C1H9R0CA01# ±0.5pF GRM1885C1H9R0CA01# ±0.5pF GRM1885C1H9R10A01# ±0.5pF GRM1885C1H9R2A01# ±0.5pF GRM1885C1H9R3A01# ±0.5pF GRM1885C1H9R4A01# ±0.5pF GRM1885C1H9R5A01# ±0.5pF GRM1885C1H9R5A01# ±0.5pF GRM1885C1H9R5A01# ±0.5pF GRM1885C1H9R5A01# ±0.5pF GRM1885C1H9R6A01# ±0.5pF GRM1885C1H9R8A01# ±0.5pF GRM1885C1H9R8A01# ±0.5pF GRM1885C1H9R8A01# ±0.5pF GRM1885C1H9R8A01# ±0.5pF GRM | | | | | ±0.25pF | GRM1885C1H8R6CA01# | |
| #0.1pF GRM1885C1H8R7BA01# ±0.25pF GRM1885C1H8R8BA01# ±0.5pF GRM1885C1H8R8BA01# ±0.25pF GRM1885C1H8R8BA01# ±0.25pF GRM1885C1H8RBA01# ±0.5pF GRM1885C1H8RBA01# ±0.25pF GRM1885C1H8RDA01# ±0.25pF GRM1885C1H9ROBA01# ±0.25pF GRM1885C1H9ROBA01# ±0.25pF GRM1885C1H9ROBA01# ±0.25pF GRM1885C1H9RDA01# ±0.25pF GRM1885C1H9RDA01# ±0.25pF GRM1885C1H9R1A01# ±0.25pF GRM1885C1H9R1A01# ±0.25pF GRM1885C1H9R2A01# ±0.5pF GRM1885C1H9R2A01# ±0.5pF GRM1885C1H9R2A01# ±0.5pF GRM1885C1H9R2A01# ±0.5pF GRM1885C1H9R2A01# ±0.5pF GRM1885C1H9R3A01# ±0.25pF GRM1885C1H9R3A01# ±0.25pF GRM1885C1H9R3A01# ±0.25pF GRM1885C1H9R3A01# ±0.25pF GRM1885C1H9R3A01# ±0.25pF GRM1885C1H9R4A01# ±0.5pF GRM1885C1H9R5A01# ±0.5pF GRM1885C1H9R5A01# ±0.5pF GRM1885C1H9R6A01# ±0.5pF GRM185C1H9R6A01# ±0.5pF GRM185C1H9R8A01# ±0.5pF GRM185C1H9R8A01# ±0.5pF GRM185C1H9R8A01# ±0.5pF GRM185C1H9R8A01# ±0.5pF GRM185C1H9R8A01# ±0.5pF GRM185C1H9R8A01# ±0.5pF GRM185C | | | | | ±0.5pF | GRM1885C1H8R6DA01# | |
| #0.25pF GRM1885C1H8R7CA01# #0.5pF GRM1885C1H8R8WA01# #0.1pF GRM1885C1H8R8BA01# #0.25pF GRM1885C1H8R8BA01# #0.25pF GRM1885C1H8R8DA01# #0.5pF GRM1885C1H8R8DA01# #0.1pF GRM1885C1H8R8DA01# #0.25pF GRM1885C1H8R8DA01# #0.25pF GRM1885C1H8R8DA01# #0.25pF GRM1885C1H8R9BA01# #0.25pF GRM1885C1H8R9DA01# #0.5pF GRM1885C1H9R0A01# #0.5pF GRM1885C1H9R0A01# #0.5pF GRM1885C1H9R0A01# #0.5pF GRM1885C1H9R0A01# #0.5pF GRM1885C1H9R0A01# #0.5pF GRM1885C1H9R0A01# #0.5pF GRM1885C1H9R1WA01# #0.5pF GRM1885C1H9R1WA01# #0.5pF GRM1885C1H9R1DA01# #0.5pF GRM1885C1H9R1DA01# #0.5pF GRM1885C1H9R1DA01# #0.5pF GRM1885C1H9R2WA01# #0.5pF GRM1885C1H9R2WA01# #0.5pF GRM1885C1H9R2WA01# #0.5pF GRM1885C1H9R2WA01# #0.5pF GRM1885C1H9R2WA01# #0.5pF GRM1885C1H9R3DA01# #0.5pF GRM1885C1H9R5DA01# #0.5pF GRM1885C1H9R5DA01# #0.5pF GRM1885C1H9R6DA01# #0.5pF GRM1885C1H | | | | 8.7pF | ±0.05pF | GRM1885C1H8R7WA01# | |
| ### ### ### ### ### ### ### ### ### ## | | | | | ±0.1pF | GRM1885C1H8R7BA01# | |
| 8.8pF ±0.05pF GRM1885C1H8R8WA01# ±0.1pF GRM1885C1H8R8DA01# ±0.25pF GRM1885C1H8R8DA01# ±0.5pF GRM1885C1H8R8DA01# ±0.5pF GRM1885C1H8R9WA01# ±0.1pF GRM1885C1H8R9DA01# ±0.5pF GRM1885C1H8R9DA01# ±0.5pF GRM1885C1H8R9DA01# ±0.5pF GRM1885C1H8R9DA01# ±0.5pF GRM1885C1H8R9DA01# ±0.5pF GRM1885C1H8R9DA01# ±0.5pF GRM1885C1H9R0DA01# ±0.5pF GRM1885C1H9R0DA01# ±0.5pF GRM1885C1H9R0DA01# ±0.5pF GRM1885C1H9R0DA01# ±0.5pF GRM1885C1H9R1WA01# ±0.5pF GRM1885C1H9R1WA01# ±0.5pF GRM1885C1H9R1DA01# ±0.5pF GRM1885C1H9R2DA01# ±0.5pF GRM1885C1H9R2DA01# ±0.5pF GRM1885C1H9R2DA01# ±0.5pF GRM1885C1H9R2DA01# ±0.5pF GRM1885C1H9R3DA01# ±0.5pF GRM1885C1H9R3DA01# ±0.5pF GRM1885C1H9R3DA01# ±0.5pF GRM1885C1H9R3DA01# ±0.5pF GRM1885C1H9R3DA01# ±0.5pF GRM1885C1H9R3DA01# ±0.5pF GRM1885C1H9R4DA01# ±0.5pF GRM1885C1H9R5DA01# ±0.5pF GRM1885C1H9R6DA01# ±0.5pF GRM1885C1H9R8DA01# ±0.5pF GRM1885C1H9R8DA01# ±0.5pF GRM1885C1H9R8DA01# | | | | | ±0.25pF | GRM1885C1H8R7CA01# | |
| #0.1pF GRM1885C1H8R8BA01# #0.25pF GRM1885C1H8R9WA01# #0.1pF GRM1885C1H8R9WA01# #0.25pF GRM1885C1H8R9WA01# #0.25pF GRM1885C1H8R9BA01# #0.25pF GRM1885C1H8R9DA01# #0.5pF GRM1885C1H9R0WA01# #0.1pF GRM1885C1H9R0WA01# #0.1pF GRM1885C1H9R0WA01# #0.25pF GRM1885C1H9R0WA01# #0.25pF GRM1885C1H9R0BA01# #0.25pF GRM1885C1H9R0DA01# #0.5pF GRM1885C1H9R0DA01# #0.5pF GRM1885C1H9R0DA01# #0.5pF GRM1885C1H9R1WA01# #0.1pF GRM1885C1H9R1WA01# #0.5pF GRM1885C1H9R1WA01# #0.5pF GRM1885C1H9R1DA01# #0.5pF GRM1885C1H9R1DA01# #0.5pF GRM1885C1H9R2WA01# #0.5pF GRM1885C1H9R2WA01# #0.5pF GRM1885C1H9R2WA01# #0.5pF GRM1885C1H9R3WA01# #0.5pF GRM1885C1H9R3WA01# #0.5pF GRM1885C1H9R3WA01# #0.5pF GRM1885C1H9R3DA01# #0.5pF GRM1885C1H9R3DA01# #0.5pF GRM1885C1H9R4WA01# #0.5pF GRM1885C1H9R4WA01# #0.5pF GRM1885C1H9R4WA01# #0.5pF GRM1885C1H9R4DA01# #0.5pF GRM1885C1H9R4DA01# #0.5pF GRM1885C1H9R4DA01# #0.5pF GRM1885C1H9R5DA01# #0.5pF GRM1885C1H9R5DA01# #0.5pF GRM1885C1H9R5DA01# #0.5pF GRM1885C1H9R5DA01# #0.5pF GRM1885C1H9R5DA01# #0.5pF GRM1885C1H9R5DA01# #0.5pF GRM1885C1H9R6DA01# #0.5pF GRM1885C1H9R8DA01# | | | | | ±0.5pF | GRM1885C1H8R7DA01# | |
| #0.25pF GRM1885C1H8R8CA01# #0.5pF GRM1885C1H8R9WA01# #0.1pF GRM1885C1H8R9PA01# #0.25pF GRM1885C1H8R9DA01# #0.25pF GRM1885C1H8R9DA01# #0.25pF GRM1885C1H9R0WA01# #0.1pF GRM1885C1H9R0WA01# #0.5pF GRM1885C1H9R0WA01# #0.5pF GRM1885C1H9R0CA01# #0.5pF GRM1885C1H9R0CA01# #0.5pF GRM1885C1H9R0CA01# #0.5pF GRM1885C1H9R0CA01# #0.5pF GRM1885C1H9R1WA01# #0.1pF GRM1885C1H9R1WA01# #0.5pF GRM1885C1H9R1WA01# #0.5pF GRM1885C1H9R1DA01# #0.5pF GRM1885C1H9R2WA01# #0.5pF GRM1885C1H9R2WA01# #0.5pF GRM1885C1H9R2WA01# #0.5pF GRM1885C1H9R2WA01# #0.5pF GRM1885C1H9R2WA01# #0.5pF GRM1885C1H9R2WA01# #0.5pF GRM1885C1H9R3DA01# #0.5pF GRM1885C1H9R3DA01# #0.5pF GRM1885C1H9R3DA01# #0.5pF GRM1885C1H9R3DA01# #0.5pF GRM1885C1H9R3DA01# #0.5pF GRM1885C1H9R4WA01# #0.5pF GRM1885C1H9R4WA01# #0.5pF GRM1885C1H9R4DA01# #0.5pF GRM1885C1H9R4DA01# #0.5pF GRM1885C1H9R5DA01# #0.5pF GRM1885C1H9R5DA01# #0.5pF GRM1885C1H9R5DA01# #0.5pF GRM1885C1H9R5DA01# #0.5pF GRM1885C1H9R5DA01# #0.5pF GRM1885C1H9R5DA01# #0.5pF GRM1885C1H9R6WA01# #0.5pF GRM1885C1H9R8WA01# #0.5pF GRM1885C1H9R8WA01# #0.5pF GRM1885C1H9R8BA01# | | | | 8.8pF | ±0.05pF | GRM1885C1H8R8WA01# | |
| #0.5pF GRM1885C1H8R8DA01# #0.025pF GRM1885C1H8R9WA01# #0.25pF GRM1885C1H8R9DA01# #0.5pF GRM1885C1H8R9DA01# #0.5pF GRM1885C1H9R0MA01# #0.5pF GRM1885C1H9R1WA01# #0.5pF GRM1885C1H9R1WA01# #0.5pF GRM1885C1H9R2WA01# #0.5pF GRM1885C1H9R2WA01# #0.5pF GRM1885C1H9R2WA01# #0.5pF GRM1885C1H9R2WA01# #0.5pF GRM1885C1H9R3WA01# #0.5pF GRM1885C1H9R3WA01# #0.5pF GRM1885C1H9R3WA01# #0.5pF GRM1885C1H9R3WA01# #0.5pF GRM1885C1H9R3WA01# #0.5pF GRM1885C1H9R4WA01# #0.5pF GRM1885C1H9R4WA01# #0.5pF GRM1885C1H9R4WA01# #0.5pF GRM1885C1H9R4WA01# #0.5pF GRM1885C1H9R4WA01# #0.5pF GRM1885C1H9R4WA01# #0.5pF GRM1885C1H9R5WA01# #0.5pF GRM1885C1H9R6WA01# #0.5pF GRM1885C1H9R8WA01# | | | | | ±0.1pF | GRM1885C1H8R8BA01# | |
| ### ### ### ### ### ### ### ### ### ## | | | | | ±0.25pF | GRM1885C1H8R8CA01# | |
| #0.1pF GRM1885C1H8R9BA01# ±0.25pF GRM1885C1H8R9CA01# ±0.5pF GRM1885C1H9R0MA01# ±0.1pF GRM1885C1H9R0MA01# ±0.25pF GRM1885C1H9R0MA01# ±0.5pF GRM1885C1H9R0MA01# ±0.5pF GRM1885C1H9R0MA01# ±0.5pF GRM1885C1H9R0MA01# ±0.25pF GRM1885C1H9R0MA01# ±0.25pF GRM1885C1H9R0MA01# ±0.5pF GRM1885C1H9R1MA01# ±0.5pF GRM1885C1H9R1MA01# ±0.5pF GRM1885C1H9R2MA01# ±0.5pF GRM1885C1H9R2MA01# ±0.5pF GRM1885C1H9R2MA01# ±0.5pF GRM1885C1H9R2MA01# ±0.5pF GRM1885C1H9R3MA01# ±0.5pF GRM1885C1H9R3MA01# ±0.1pF GRM1885C1H9R3MA01# ±0.5pF GRM1885C1H9R3MA01# ±0.5pF GRM1885C1H9R3MA01# ±0.5pF GRM1885C1H9R3MA01# ±0.5pF GRM1885C1H9R4MA01# ±0.5pF GRM1885C1H9R4MA01# ±0.5pF GRM1885C1H9R4MA01# ±0.5pF GRM1885C1H9R4MA01# ±0.5pF GRM1885C1H9R5MA01# ±0.5pF GRM1885C1H9R5MA01# ±0.5pF GRM1885C1H9R5MA01# ±0.5pF GRM1885C1H9R5MA01# ±0.5pF GRM1885C1H9R5MA01# ±0.5pF GRM1885C1H9R5MA01# ±0.5pF GRM1885C1H9R6MA01# ±0.5pF GRM1885C1H9R7MA01# ±0.5pF GRM1885C1H9R8MA01# ±0 | | | | | ±0.5pF | GRM1885C1H8R8DA01# | |
| #0.25pF GRM1885C1H8R9CA01# #0.5pF GRM1885C1H9R0WA01# #0.1pF GRM1885C1H9R0WA01# #0.25pF GRM1885C1H9R0CA01# #0.25pF GRM1885C1H9R0CA01# #0.5pF GRM1885C1H9R0CA01# #0.5pF GRM1885C1H9R0CA01# #0.1pF GRM1885C1H9R1WA01# #0.25pF GRM1885C1H9R1WA01# #0.25pF GRM1885C1H9R1CA01# #0.25pF GRM1885C1H9R1CA01# #0.25pF GRM1885C1H9R1CA01# #0.25pF GRM1885C1H9R2WA01# #0.1pF GRM1885C1H9R2WA01# #0.5pF GRM1885C1H9R2WA01# #0.5pF GRM1885C1H9R2WA01# #0.5pF GRM1885C1H9R3WA01# #0.5pF GRM1885C1H9R3WA01# #0.5pF GRM1885C1H9R3WA01# #0.5pF GRM1885C1H9R3WA01# #0.5pF GRM1885C1H9R4WA01# #0.5pF GRM1885C1H9R4WA01# #0.5pF GRM1885C1H9R5WA01# #0.5pF GRM1885C1H9R6WA01# #0.5pF GRM1885C1H9R7WA01# #0.5pF GRM1885C1H9R7WA01# #0.5pF GRM1885C1H9R7WA01# #0.5pF GRM1885C1H9R7WA01# #0.5pF GRM1885C1H9R7WA01# #0.5pF GRM1885C1H9R8BA01# #0.5pF GRM1885C1H9R8BA01# #0.5pF GRM1885C1H9R8BA01# #0.5pF GRM1885C1H9R8BA01# | | | | 8.9pF | ±0.05pF | GRM1885C1H8R9WA01# | |
| #0.5pF GRM1885C1H8R9DA01# #0.25pF GRM1885C1H9R0WA01# #0.25pF GRM1885C1H9R0WA01# #0.25pF GRM1885C1H9R0WA01# #0.25pF GRM1885C1H9R0WA01# #0.25pF GRM1885C1H9R0WA01# #0.25pF GRM1885C1H9R0WA01# #0.25pF GRM1885C1H9R1WA01# #0.25pF GRM1885C1H9R1WA01# #0.25pF GRM1885C1H9R1WA01# #0.25pF GRM1885C1H9R1WA01# #0.25pF GRM1885C1H9R2WA01# #0.25pF GRM1885C1H9R2WA01# #0.25pF GRM1885C1H9R3WA01# #0.25pF GRM1885C1H9R4WA01# #0.25pF GRM1885C1H9R4WA01# #0.25pF GRM1885C1H9R5WA01# #0.25pF GRM1885C1H9R5WA01# #0.25pF GRM1885C1H9R5WA01# #0.25pF GRM1885C1H9R5WA01# #0.25pF GRM1885C1H9R5WA01# #0.25pF GRM1885C1H9R5WA01# #0.25pF GRM1885C1H9R6WA01# #0.25pF GRM1885C1H9R7WA01# #0.25pF GRM1885C1H9R8WA01# | | | | | ±0.1pF | GRM1885C1H8R9BA01# | |
| 9.0pF ±0.05pF GRM1885C1H9R0WA01# ±0.1pF GRM1885C1H9R0BA01# ±0.5pF GRM1885C1H9R0BA01# ±0.5pF GRM1885C1H9R0BA01# ±0.25pF GRM1885C1H9R1WA01# ±0.25pF GRM1885C1H9R1BA01# ±0.25pF GRM1885C1H9R1BA01# ±0.5pF GRM1885C1H9R1BA01# ±0.5pF GRM1885C1H9R1BA01# ±0.5pF GRM1885C1H9R2WA01# ±0.5pF GRM1885C1H9R2WA01# ±0.5pF GRM1885C1H9R2BA01# ±0.5pF GRM1885C1H9R3WA01# ±0.5pF GRM1885C1H9R3WA01# ±0.5pF GRM1885C1H9R3BA01# ±0.5pF GRM1885C1H9R3BA01# ±0.5pF GRM1885C1H9R3BA01# ±0.5pF GRM1885C1H9R3BA01# ±0.5pF GRM1885C1H9R4WA01# ±0.5pF GRM1885C1H9R4WA01# ±0.5pF GRM1885C1H9R4DA01# ±0.5pF GRM1885C1H9R4DA01# ±0.5pF GRM1885C1H9R4DA01# ±0.5pF GRM1885C1H9R5BA01# ±0.5pF GRM1885C1H9R5BA01# ±0.5pF GRM1885C1H9R5DA01# ±0.5pF GRM1885C1H9R5DA01# ±0.5pF GRM1885C1H9R6WA01# ±0.5pF GRM1885C1H9R6WA01# ±0.5pF GRM1885C1H9R6BA01# ±0.5pF GRM1885C1H9R6BA01# ±0.5pF GRM1885C1H9R6DA01# ±0.5pF GRM1885C1H9R6DA01# ±0.5pF GRM1885C1H9R6DA01# ±0.5pF GRM1885C1H9R6DA01# ±0.5pF GRM1885C1H9R7WA01# ±0.5pF GRM1885C1H9R7WA01# ±0.5pF GRM1885C1H9R7WA01# ±0.5pF GRM1885C1H9R7WA01# ±0.5pF GRM1885C1H9R7WA01# ±0.5pF GRM1885C1H9R7WA01# ±0.5pF GRM1885C1H9R7DA01# ±0.5pF GRM1885C1H9R7DA01# ±0.5pF GRM1885C1H9R7BA01# ±0.5pF GRM1885C1H9R8WA01# | | | | | ±0.25pF | GRM1885C1H8R9CA01# | |
| #0.1pF GRM1885C1H9R0BA01# #0.25pF GRM1885C1H9R0BA01# #0.5pF GRM1885C1H9R0BA01# #0.1pF GRM1885C1H9R1BA01# #0.25pF GRM1885C1H9R1BA01# #0.25pF GRM1885C1H9R1BA01# #0.5pF GRM1885C1H9R1BA01# #0.5pF GRM1885C1H9R1BA01# #0.25pF GRM1885C1H9R2BA01# #0.5pF GRM1885C1H9R2BA01# #0.5pF GRM1885C1H9R2BA01# #0.5pF GRM1885C1H9R2BA01# #0.5pF GRM1885C1H9R3BA01# #0.5pF GRM1885C1H9R3BA01# #0.5pF GRM1885C1H9R3BA01# #0.5pF GRM1885C1H9R3BA01# #0.5pF GRM1885C1H9R3BA01# #0.5pF GRM1885C1H9R3BA01# #0.5pF GRM1885C1H9R4BA01# #0.5pF GRM1885C1H9R4BA01# #0.5pF GRM1885C1H9R4DA01# #0.5pF GRM1885C1H9R4DA01# #0.5pF GRM1885C1H9R4DA01# #0.5pF GRM1885C1H9R5BA01# #0.5pF GRM1885C1H9R5BA01# #0.5pF GRM1885C1H9R5BA01# #0.5pF GRM1885C1H9R6BA01# #0.5pF GRM1885C1H9R7BA01# | | | | | ±0.5pF | GRM1885C1H8R9DA01# | |
| #0.25pF GRM1885C1H9R0CA01# #0.5pF GRM1885C1H9R1WA01# #0.1pF GRM1885C1H9R1BA01# #0.25pF GRM1885C1H9R1BA01# #0.5pF GRM1885C1H9R1DA01# #0.5pF GRM1885C1H9R1DA01# #0.5pF GRM1885C1H9R2WA01# #0.1pF GRM1885C1H9R2WA01# #0.25pF GRM1885C1H9R2BA01# #0.25pF GRM1885C1H9R2DA01# #0.5pF GRM1885C1H9R3WA01# #0.1pF GRM1885C1H9R3WA01# #0.1pF GRM1885C1H9R3BA01# #0.25pF GRM1885C1H9R3DA01# #0.5pF GRM1885C1H9R3DA01# #0.5pF GRM1885C1H9R3DA01# #0.5pF GRM1885C1H9R3DA01# #0.5pF GRM1885C1H9R4WA01# #0.5pF GRM1885C1H9R4WA01# #0.5pF GRM1885C1H9R4DA01# #0.5pF GRM1885C1H9R5WA01# #0.5pF GRM1885C1H9R5WA01# #0.5pF GRM1885C1H9R5BA01# #0.5pF GRM1885C1H9R5BA01# #0.5pF GRM1885C1H9R6BA01# #0.5pF GRM1885C1H9R6BA01# #0.5pF GRM1885C1H9R6BA01# #0.5pF GRM1885C1H9R6BA01# #0.5pF GRM1885C1H9R6BA01# #0.5pF GRM1885C1H9R7BA01# | | | | 9.0pF | ±0.05pF | GRM1885C1H9R0WA01# | |
| #0.5pF GRM1885C1H9R1WA01# #0.05pF GRM1885C1H9R1WA01# #0.1pF GRM1885C1H9R1DA01# #0.5pF GRM1885C1H9R1DA01# #0.5pF GRM1885C1H9R1DA01# #0.1pF GRM1885C1H9R2WA01# #0.1pF GRM1885C1H9R2WA01# #0.1pF GRM1885C1H9R2BA01# #0.25pF GRM1885C1H9R2CA01# #0.5pF GRM1885C1H9R2DA01# #0.5pF GRM1885C1H9R3WA01# #0.1pF GRM1885C1H9R3WA01# #0.1pF GRM1885C1H9R3WA01# #0.25pF GRM1885C1H9R3DA01# #0.5pF GRM1885C1H9R3DA01# #0.5pF GRM1885C1H9R3DA01# #0.5pF GRM1885C1H9R4WA01# #0.1pF GRM1885C1H9R4WA01# #0.5pF GRM1885C1H9R4DA01# #0.5pF GRM1885C1H9R5WA01# #0.5pF GRM1885C1H9R5WA01# #0.5pF GRM1885C1H9R5DA01# #0.5pF GRM1885C1H9R5DA01# #0.5pF GRM1885C1H9R6WA01# #0.5pF GRM1885C1H9R6WA01# #0.5pF GRM1885C1H9R6WA01# #0.5pF GRM1885C1H9R6WA01# #0.5pF GRM1885C1H9R6WA01# #0.5pF GRM1885C1H9R6BA01# #0.5pF GRM1885C1H9R6BA01# #0.5pF GRM1885C1H9R7WA01# #0.5pF GRM1885C1H9R7WA01# #0.5pF GRM1885C1H9R7WA01# #0.5pF GRM1885C1H9R7BA01# #0.5pF GRM1885C1H9R8WA01# #0.5pF GRM1885C1H9R8WA01# #0.5pF GRM1885C1H9R8WA01# #0.5pF GRM1885C1H9R8WA01# #0.5pF GRM1885C1H9R8WA01# | | | | | ±0.1pF | GRM1885C1H9R0BA01# | |
| 9.1pF | | | | | ±0.25pF | GRM1885C1H9R0CA01# | |
| ### ### ############################## | | | | | ±0.5pF | GRM1885C1H9R0DA01# | |
| #0.25pF GRM1885C1H9R1CA01# #0.5pF GRM1885C1H9R2WA01# #0.1pF GRM1885C1H9R2WA01# #0.25pF GRM1885C1H9R2BA01# #0.25pF GRM1885C1H9R2DA01# #0.5pF GRM1885C1H9R2DA01# #0.5pF GRM1885C1H9R3WA01# #0.1pF GRM1885C1H9R3WA01# #0.25pF GRM1885C1H9R3DA01# #0.5pF GRM1885C1H9R3DA01# #0.5pF GRM1885C1H9R3DA01# #0.5pF GRM1885C1H9R4WA01# #0.1pF GRM1885C1H9R4WA01# #0.25pF GRM1885C1H9R4DA01# #0.5pF GRM1885C1H9R4DA01# #0.5pF GRM1885C1H9R4DA01# #0.5pF GRM1885C1H9R5DA01# #0.5pF GRM1885C1H9R5DA01# #0.5pF GRM1885C1H9R5DA01# #0.5pF GRM1885C1H9R5DA01# #0.5pF GRM1885C1H9R6WA01# #0.5pF GRM1885C1H9R6WA01# #0.5pF GRM1885C1H9R6WA01# #0.5pF GRM1885C1H9R6DA01# #0.5pF GRM1885C1H9R6DA01# #0.5pF GRM1885C1H9R6DA01# #0.5pF GRM1885C1H9R6DA01# #0.5pF GRM1885C1H9R7WA01# #0.5pF GRM1885C1H9R7WA01# #0.5pF GRM1885C1H9R7DA01# #0.5pF GRM1885C1H9R8WA01# #0.5pF GRM1885C1H9R8WA01# #0.5pF GRM1885C1H9R8WA01# #0.5pF GRM1885C1H9R8WA01# #0.5pF GRM1885C1H9R8WA01# | | | | 9.1pF | ±0.05pF | GRM1885C1H9R1WA01# | |
| #0.5pF GRM1885C1H9R1DA01# #0.1pF GRM1885C1H9R2WA01# #0.25pF GRM1885C1H9R2BA01# #0.25pF GRM1885C1H9R2CA01# #0.5pF GRM1885C1H9R2DA01# #0.5pF GRM1885C1H9R3WA01# #0.1pF GRM1885C1H9R3WA01# #0.25pF GRM1885C1H9R3DA01# #0.5pF GRM1885C1H9R3DA01# #0.5pF GRM1885C1H9R3DA01# #0.5pF GRM1885C1H9R4WA01# #0.25pF GRM1885C1H9R4WA01# #0.25pF GRM1885C1H9R4DA01# #0.25pF GRM1885C1H9R4DA01# #0.5pF GRM1885C1H9R4DA01# #0.5pF GRM1885C1H9R5DA01# #0.1pF GRM1885C1H9R5DA01# #0.5pF GRM1885C1H9R5DA01# #0.5pF GRM1885C1H9R5DA01# #0.5pF GRM1885C1H9R6WA01# #0.5pF GRM1885C1H9R6WA01# #0.5pF GRM1885C1H9R6WA01# #0.5pF GRM1885C1H9R6WA01# #0.5pF GRM1885C1H9R6WA01# #0.5pF GRM1885C1H9R6DA01# #0.5pF GRM1885C1H9R6DA01# #0.5pF GRM1885C1H9R7WA01# #0.5pF GRM1885C1H9R7WA01# #0.5pF GRM1885C1H9R7WA01# #0.5pF GRM1885C1H9R7DA01# #0.5pF GRM1885C1H9R7DA01# #0.5pF GRM1885C1H9R7DA01# #0.5pF GRM1885C1H9R7DA01# #0.5pF GRM1885C1H9R7DA01# #0.5pF GRM1885C1H9R8WA01# #0.5pF GRM1885C1H9R8WA01# #0.5pF GRM1885C1H9R8WA01# #0.5pF GRM1885C1H9R8WA01# #0.5pF GRM1885C1H9R8WA01# #0.5pF GRM1885C1H9R8WA01# | | | | | ±0.1pF | GRM1885C1H9R1BA01# | |
| 9.2pF ±0.05pF GRM1885C1H9R2WA01# ±0.1pF GRM1885C1H9R2BA01# ±0.25pF GRM1885C1H9R2DA01# ±0.5pF GRM1885C1H9R3WA01# ±0.1pF GRM1885C1H9R3BA01# ±0.25pF GRM1885C1H9R3DA01# ±0.25pF GRM1885C1H9R3DA01# ±0.5pF GRM1885C1H9R3DA01# ±0.5pF GRM1885C1H9R3DA01# ±0.1pF GRM1885C1H9R4WA01# ±0.1pF GRM1885C1H9R4BA01# ±0.25pF GRM1885C1H9R4DA01# ±0.25pF GRM1885C1H9R4DA01# ±0.5pF GRM1885C1H9R5DA01# ±0.1pF GRM1885C1H9R5DA01# ±0.25pF GRM1885C1H9R5DA01# ±0.25pF GRM1885C1H9R5DA01# ±0.5pF GRM1885C1H9R5DA01# ±0.5pF GRM1885C1H9R6DA01# ±0.5pF GRM1885C1H9R6DA01# ±0.1pF GRM1885C1H9R6DA01# ±0.25pF GRM1885C1H9R6DA01# ±0.25pF GRM1885C1H9R6DA01# ±0.5pF GRM1885C1H9R6DA01# ±0.5pF GRM1885C1H9R7BA01# ±0.25pF GRM1885C1H9R7BA01# ±0.25pF GRM1885C1H9R7DA01# ±0.5pF GRM1885C1H9R7DA01# ±0.5pF GRM1885C1H9R7DA01# ±0.5pF GRM1885C1H9R8WA01# ±0.5pF GRM1885C1H9R8WA01# ±0.5pF GRM1885C1H9R8WA01# ±0.5pF GRM1885C1H9R8WA01# | | | | | ±0.25pF | GRM1885C1H9R1CA01# | |
| ### ### ############################## | | | | | ±0.5pF | GRM1885C1H9R1DA01# | |
| # ±0.25pF GRM1885C1H9R2CA01# # ±0.5pF GRM1885C1H9R3WA01# # ±0.1pF GRM1885C1H9R3BA01# # ±0.25pF GRM1885C1H9R3DA01# # ±0.5pF GRM1885C1H9R3DA01# # ±0.5pF GRM1885C1H9R3DA01# # ±0.5pF GRM1885C1H9R4WA01# # ±0.1pF GRM1885C1H9R4BA01# # ±0.25pF GRM1885C1H9R4CA01# # ±0.5pF GRM1885C1H9R4DA01# # ±0.5pF GRM1885C1H9R5WA01# # ±0.1pF GRM1885C1H9R5WA01# # ±0.25pF GRM1885C1H9R5WA01# # ±0.25pF GRM1885C1H9R5DA01# # ±0.5pF GRM1885C1H9R6WA01# # ±0.5pF GRM1885C1H9R6WA01# # ±0.1pF GRM1885C1H9R6WA01# # ±0.25pF GRM1885C1H9R6CA01# # ±0.5pF GRM1885C1H9R6DA01# # ±0.5pF GRM1885C1H9R7WA01# # ±0.1pF GRM1885C1H9R7WA01# # ±0.25pF GRM1885C1H9R7PA01# # ±0.5pF GRM1885C1H9R7CA01# # ±0.5pF GRM1885C1H9R7DA01# # ±0.5pF GRM1885C1H9R7DA01# # ±0.5pF GRM1885C1H9R8WA01# # ±0.1pF GRM1885C1H9R | | | | 9.2pF | ±0.05pF | GRM1885C1H9R2WA01# | |
| ### ### ############################## | | | | | ±0.1pF | GRM1885C1H9R2BA01# | |
| 9.3pF ±0.05pF GRM1885C1H9R3WA01# ±0.1pF GRM1885C1H9R3BA01# ±0.25pF GRM1885C1H9R3CA01# ±0.5pF GRM1885C1H9R4WA01# ±0.1pF GRM1885C1H9R4WA01# ±0.1pF GRM1885C1H9R4CA01# ±0.5pF GRM1885C1H9R4CA01# ±0.5pF GRM1885C1H9R4DA01# 9.5pF ±0.05pF GRM1885C1H9R5WA01# ±0.1pF GRM1885C1H9R5BA01# ±0.25pF GRM1885C1H9R5CA01# ±0.5pF GRM1885C1H9R5CA01# ±0.5pF GRM1885C1H9R6WA01# ±0.1pF GRM1885C1H9R6WA01# ±0.1pF GRM1885C1H9R6WA01# ±0.1pF GRM1885C1H9R6CA01# ±0.5pF GRM1885C1H9R6CA01# ±0.5pF GRM1885C1H9R6CA01# ±0.5pF GRM1885C1H9R6CA01# ±0.5pF GRM1885C1H9R7WA01# ±0.5pF GRM1885C1H9R7WA01# ±0.5pF GRM1885C1H9R7WA01# ±0.5pF GRM1885C1H9R7PA01# ±0.5pF GRM1885C1H9R7PA01# ±0.5pF GRM1885C1H9R7PA01# ±0.5pF GRM1885C1H9R7PA01# ±0.5pF GRM1885C1H9R7PA01# ±0.5pF GRM1885C1H9R8WA01# ±0.5pF GRM1885C1H9R8BA01# | | | | | ±0.25pF | GRM1885C1H9R2CA01# | |
| #0.1pF GRM1885C1H9R3BA01# #0.25pF GRM1885C1H9R3CA01# #0.5pF GRM1885C1H9R3DA01# #0.1pF GRM1885C1H9R4WA01# #0.1pF GRM1885C1H9R4BA01# #0.25pF GRM1885C1H9R4CA01# #0.5pF GRM1885C1H9R4DA01# #0.5pF GRM1885C1H9R5WA01# #0.1pF GRM1885C1H9R5BA01# #0.25pF GRM1885C1H9R5CA01# #0.5pF GRM1885C1H9R5CA01# #0.5pF GRM1885C1H9R5CA01# #0.5pF GRM1885C1H9R6WA01# #0.1pF GRM1885C1H9R6WA01# #0.25pF GRM1885C1H9R6CA01# #0.25pF GRM1885C1H9R6CA01# #0.5pF GRM1885C1H9R6CA01# #0.5pF GRM1885C1H9R6CA01# #0.5pF GRM1885C1H9R7WA01# #0.5pF GRM1885C1H9R7WA01# #0.5pF GRM1885C1H9R7PA01# #0.5pF GRM1885C1H9R8WA01# #0.5pF GRM1885C1H9R8WA01# | | | | | ±0.5pF | GRM1885C1H9R2DA01# | |
| #0.25pF GRM1885C1H9R3CA01# #0.5pF GRM1885C1H9R3DA01# #0.1pF GRM1885C1H9R4WA01# #0.25pF GRM1885C1H9R4BA01# #0.25pF GRM1885C1H9R4CA01# #0.5pF GRM1885C1H9R4DA01# #0.5pF GRM1885C1H9R4DA01# #0.1pF GRM1885C1H9R5DA01# #0.25pF GRM1885C1H9R5DA01# #0.25pF GRM1885C1H9R5DA01# #0.5pF GRM1885C1H9R5DA01# #0.1pF GRM1885C1H9R6DA01# #0.1pF GRM1885C1H9R6DA01# #0.25pF GRM1885C1H9R6DA01# #0.25pF GRM1885C1H9R6DA01# #0.25pF GRM1885C1H9R6DA01# #0.25pF GRM1885C1H9R6DA01# #0.5pF GRM1885C1H9R7DA01# #0.1pF GRM1885C1H9R7DA01# #0.25pF GRM1885C1H9R7DA01# #0.25pF GRM1885C1H9R7DA01# #0.5pF GRM1885C1H9R7DA01# #0.5pF GRM1885C1H9R7DA01# #0.5pF GRM1885C1H9R7DA01# #0.5pF GRM1885C1H9R7DA01# #0.5pF GRM1885C1H9R7DA01# #0.5pF GRM1885C1H9R8WA01# #0.5pF GRM1885C1H9R8BA01# | | | | 9.3pF | ±0.05pF | GRM1885C1H9R3WA01# | |
| ### ### ############################## | | | | | ±0.1pF | GRM1885C1H9R3BA01# | |
| 9.4pF ±0.05pF GRM1885C1H9R4WA01# ±0.1pF GRM1885C1H9R4BA01# ±0.25pF GRM1885C1H9R4CA01# ±0.5pF GRM1885C1H9R5WA01# ±0.1pF GRM1885C1H9R5WA01# ±0.1pF GRM1885C1H9R5BA01# ±0.25pF GRM1885C1H9R5CA01# ±0.5pF GRM1885C1H9R5DA01# ±0.1pF GRM1885C1H9R6WA01# ±0.1pF GRM1885C1H9R6WA01# ±0.25pF GRM1885C1H9R6CA01# ±0.5pF GRM1885C1H9R6CA01# ±0.5pF GRM1885C1H9R6CA01# ±0.5pF GRM1885C1H9R6DA01# ±0.5pF GRM1885C1H9R7WA01# ±0.1pF GRM1885C1H9R7WA01# ±0.25pF GRM1885C1H9R7CA01# ±0.25pF GRM1885C1H9R7CA01# ±0.5pF GRM1885C1H9R7CA01# ±0.5pF GRM1885C1H9R7CA01# ±0.5pF GRM1885C1H9R7DA01# ±0.5pF GRM1885C1H9R7DA01# ±0.5pF GRM1885C1H9R7DA01# ±0.5pF GRM1885C1H9R8WA01# ±0.1pF GRM1885C1H9R8WA01# | | | | | ±0.25pF | GRM1885C1H9R3CA01# | |
| #0.1pF GRM1885C1H9R4BA01# #0.25pF GRM1885C1H9R4CA01# #0.5pF GRM1885C1H9R4DA01# 9.5pF #0.05pF GRM1885C1H9R5WA01# #0.1pF GRM1885C1H9R5BA01# #0.25pF GRM1885C1H9R5CA01# #0.5pF GRM1885C1H9R5DA01# 9.6pF #0.05pF GRM1885C1H9R6WA01# #0.1pF GRM1885C1H9R6BA01# #0.25pF GRM1885C1H9R6CA01# #0.5pF GRM1885C1H9R6CA01# #0.5pF GRM1885C1H9R6DA01# #0.5pF GRM1885C1H9R7WA01# #0.1pF GRM1885C1H9R7WA01# #0.1pF GRM1885C1H9R7BA01# #0.25pF GRM1885C1H9R7CA01# #0.5pF GRM1885C1H9R7CA01# #0.5pF GRM1885C1H9R7DA01# #0.5pF GRM1885C1H9R7DA01# #0.5pF GRM1885C1H9R7DA01# #0.5pF GRM1885C1H9R8WA01# #0.1pF GRM1885C1H9R8WA01# | | | | | ±0.5pF | | |
| #0.25pF GRM1885C1H9R4CA01# #0.5pF GRM1885C1H9R4DA01# 9.5pF #0.05pF GRM1885C1H9R5WA01# #0.1pF GRM1885C1H9R5BA01# #0.25pF GRM1885C1H9R5DA01# #0.5pF GRM1885C1H9R5DA01# #0.5pF GRM1885C1H9R6DA01# #0.1pF GRM1885C1H9R6BA01# #0.25pF GRM1885C1H9R6DA01# #0.25pF GRM1885C1H9R6DA01# #0.5pF GRM1885C1H9R6DA01# #0.5pF GRM1885C1H9R7WA01# #0.1pF GRM1885C1H9R7BA01# #0.25pF GRM1885C1H9R7BA01# #0.25pF GRM1885C1H9R7CA01# #0.25pF GRM1885C1H9R7DA01# #0.5pF GRM1885C1H9R7DA01# #0.5pF GRM1885C1H9R7DA01# #0.5pF GRM1885C1H9R7DA01# #0.5pF GRM1885C1H9R8WA01# #0.1pF GRM1885C1H9R8WA01# | | | | 9.4pF | ±0.05pF | GRM1885C1H9R4WA01# | |
| #0.5pF GRM1885C1H9R4DA01# 9.5pF ±0.05pF GRM1885C1H9R5WA01# ±0.1pF GRM1885C1H9R5BA01# ±0.25pF GRM1885C1H9R5CA01# ±0.5pF GRM1885C1H9R5DA01# #0.05pF GRM1885C1H9R6WA01# ±0.1pF GRM1885C1H9R6BA01# ±0.25pF GRM1885C1H9R6CA01# ±0.5pF GRM1885C1H9R6DA01# #0.5pF GRM1885C1H9R7WA01# ±0.1pF GRM1885C1H9R7WA01# ±0.1pF GRM1885C1H9R7CA01# ±0.5pF GRM1885C1H9R7CA01# #0.5pF GRM1885C1H9R7DA01# #0.5pF GRM1885C1H9R7DA01# #0.5pF GRM1885C1H9R8WA01# #0.5pF GRM1885C1H9R8WA01# #0.1pF GRM1885C1H9R8WA01# | | | | | ±0.1pF | GRM1885C1H9R4BA01# | |
| 9.5pF ±0.05pF GRM1885C1H9R5WA01# ±0.1pF GRM1885C1H9R5BA01# ±0.25pF GRM1885C1H9R5CA01# ±0.5pF GRM1885C1H9R5DA01# 9.6pF ±0.05pF GRM1885C1H9R6WA01# ±0.1pF GRM1885C1H9R6BA01# ±0.25pF GRM1885C1H9R6CA01# ±0.5pF GRM1885C1H9R6DA01# 9.7pF ±0.05pF GRM1885C1H9R7WA01# ±0.1pF GRM1885C1H9R7WA01# ±0.1pF GRM1885C1H9R7BA01# ±0.25pF GRM1885C1H9R7CA01# ±0.5pF GRM1885C1H9R7CA01# 9.8pF ±0.05pF GRM1885C1H9R7DA01# 9.8pF ±0.05pF GRM1885C1H9R8WA01# | | | | | - | | |
| # ±0.1pF GRM1885C1H9R5BA01# ±0.25pF GRM1885C1H9R5CA01# ±0.5pF GRM1885C1H9R5DA01# #0.1pF GRM1885C1H9R6BA01# ±0.1pF GRM1885C1H9R6BA01# ±0.25pF GRM1885C1H9R6DA01# #0.5pF GRM1885C1H9R6DA01# #0.1pF GRM1885C1H9R7BA01# ±0.1pF GRM1885C1H9R7BA01# ±0.25pF GRM1885C1H9R7CA01# ±0.5pF GRM1885C1H9R7CA01# ±0.5pF GRM1885C1H9R7DA01# #0.5pF GRM1885C1H9R7DA01# #0.5pF GRM1885C1H9R7DA01# #0.1pF GRM1885C1H9R8BA01# #0.1pF | | | | | | |
| #0.25pF GRM1885C1H9R5CA01# #0.5pF GRM1885C1H9R5DA01# 9.6pF #0.05pF GRM1885C1H9R6WA01# #0.1pF GRM1885C1H9R6BA01# #0.25pF GRM1885C1H9R6CA01# #0.5pF GRM1885C1H9R6DA01# #0.5pF GRM1885C1H9R6DA01# #0.1pF GRM1885C1H9R7WA01# #0.1pF GRM1885C1H9R7BA01# #0.25pF GRM1885C1H9R7CA01# #0.5pF GRM1885C1H9R7DA01# #0.5pF GRM1885C1H9R7DA01# #0.5pF GRM1885C1H9R8WA01# #0.1pF GRM1885C1H9R8WA01# | | | | 9.5pF | | | |
| ### ### ############################## | | | | | ±0.1pF | GRM1885C1H9R5BA01# | |
| 9.6pF ±0.05pF GRM1885C1H9R6WA01# ±0.1pF GRM1885C1H9R6BA01# ±0.25pF GRM1885C1H9R6CA01# ±0.5pF GRM1885C1H9R6DA01# 9.7pF ±0.05pF GRM1885C1H9R7WA01# ±0.1pF GRM1885C1H9R7BA01# ±0.25pF GRM1885C1H9R7CA01# ±0.5pF GRM1885C1H9R7DA01# 9.8pF ±0.05pF GRM1885C1H9R8WA01# ±0.1pF GRM1885C1H9R8WA01# | | | | | | GRM1885C1H9R5CA01# | |
| ±0.1pF GRM1885C1H9R6BA01# ±0.25pF GRM1885C1H9R6CA01# ±0.5pF GRM1885C1H9R6DA01# 9.7pF ±0.05pF GRM1885C1H9R7WA01# ±0.1pF GRM1885C1H9R7BA01# ±0.25pF GRM1885C1H9R7CA01# ±0.5pF GRM1885C1H9R7DA01# 9.8pF ±0.05pF GRM1885C1H9R8WA01# ±0.1pF GRM1885C1H9R8WA01# | | | | | ±0.5pF | GRM1885C1H9R5DA01# | |
| #0.25pF GRM1885C1H9R6CA01# #0.5pF GRM1885C1H9R6DA01# 9.7pF #0.05pF GRM1885C1H9R7WA01# #0.1pF GRM1885C1H9R7BA01# #0.25pF GRM1885C1H9R7CA01# #0.5pF GRM1885C1H9R7DA01# #0.5pF GRM1885C1H9R7DA01# 9.8pF #0.05pF GRM1885C1H9R8WA01# #0.1pF GRM1885C1H9R8BA01# | | | | 9.6pF | | | |
| # ±0.5pF GRM1885C1H9R6DA01# 9.7pF ±0.05pF GRM1885C1H9R7WA01# ±0.1pF GRM1885C1H9R7BA01# ±0.25pF GRM1885C1H9R7CA01# ±0.5pF GRM1885C1H9R7DA01# 9.8pF ±0.05pF GRM1885C1H9R8WA01# ±0.1pF GRM1885C1H9R8BA01# | | | | | | | |
| 9.7pF ±0.05pF GRM1885C1H9R7WA01# ±0.1pF GRM1885C1H9R7BA01# ±0.25pF GRM1885C1H9R7CA01# ±0.5pF GRM1885C1H9R7DA01# 9.8pF ±0.05pF GRM1885C1H9R8WA01# ±0.1pF GRM1885C1H9R8BA01# | | | | | | | |
| ±0.1pF GRM1885C1H9R7BA01# ±0.25pF GRM1885C1H9R7CA01# ±0.5pF GRM1885C1H9R7DA01# 9.8pF ±0.05pF GRM1885C1H9R8WA01# ±0.1pF GRM1885C1H9R8BA01# | | | | 0.7 | - | | _ |
| ±0.25pF GRM1885C1H9R7CA01# ±0.5pF GRM1885C1H9R7DA01# 9.8pF ±0.05pF GRM1885C1H9R8WA01# ±0.1pF GRM1885C1H9R8BA01# | | | | 9./pF | | | |
| # ±0.5pF GRM1885C1H9R7DA01# 9.8pF ±0.05pF GRM1885C1H9R8WA01# ±0.1pF GRM1885C1H9R8BA01# | | | | | | | _ |
| 9.8pF ±0.05pF GRM1885C1H9R8WA01# ±0.1pF GRM1885C1H9R8BA01# | | | | | | | |
| ±0.1pF GRM1885C1H9R8BA01# | | | | 0005 | | | |
| | | | | a.opr | | | |
| | | | | Part nur | | | |



(→ **■** 1.6×0.8mm)

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number |
|-----------|------------------|------------|--------|---------|--------------------|
| 0.9mm | 50Vdc | COG | 9.8pF | ±0.25pF | GRM1885C1H9R8CA01# |
| | | | | ±0.5pF | GRM1885C1H9R8DA01# |
| | | | 9.9pF | ±0.05pF | GRM1885C1H9R9WA01# |
| | | | | ±0.1pF | GRM1885C1H9R9BA01# |
| | | | | ±0.25pF | GRM1885C1H9R9CA01# |
| | | | | ±0.5pF | GRM1885C1H9R9DA01# |
| | | | 10pF | ±5% | GRM1885C1H100JA01# |
| | | | 12pF | ±5% | GRM1885C1H120JA01# |
| | | | 15pF | ±5% | GRM1885C1H150JA01# |
| | | | 18pF | ±5% | GRM1885C1H180JA01# |
| | | | 22pF | ±5% | GRM1885C1H220JA01# |
| | | | 27pF | ±5% | GRM1885C1H270JA01# |
| | | | 33pF | ±5% | GRM1885C1H330JA01# |
| | | | 39pF | ±5% | GRM1885C1H390JA01# |
| | | | 47pF | ±5% | GRM1885C1H470JA01# |
| | | | 56pF | ±5% | GRM1885C1H560JA01# |
| | | | 68pF | ±5% | GRM1885C1H680JA01# |
| | | | 82pF | ±5% | GRM1885C1H820JA01# |
| | | | 100pF | ±5% | GRM1885C1H101JA01# |
| | | | | | |
| | | | 120pF | ±5% | GRM1885C1H121JA01# |
| | | | 150pF | ±5% | GRM1885C1H151JA01# |
| | | | 180pF | ±5% | GRM1885C1H181JA01# |
| | | | 220pF | ±5% | GRM1885C1H221JA01# |
| | | | 270pF | ±5% | GRM1885C1H271JA01# |
| | | | 330pF | ±5% | GRM1885C1H331JA01# |
| | | | 390pF | ±5% | GRM1885C1H391JA01# |
| | | | 470pF | ±5% | GRM1885C1H471JA01# |
| | | | 560pF | ±5% | GRM1885C1H561JA01# |
| | | | 680pF | ±5% | GRM1885C1H681JA01# |
| | | | 820pF | ±5% | GRM1885C1H821JA01# |
| | | | 1000pF | ±5% | GRM1885C1H102JA01# |
| | | | 1200pF | ±5% | GRM1885C1H122JA01# |
| | | | 1500pF | ±5% | GRM1885C1H152JA01# |
| | | | 1800pF | ±5% | GRM1885C1H182JA01# |
| | | | 2200pF | ±5% | GRM1885C1H222JA01# |
| | | | 2700pF | ±5% | GRM1885C1H272JA01# |
| | | | 3300pF | ±5% | GRM1885C1H332JA01# |
| | | | 3900pF | ±5% | GRM1885C1H392JA01# |
| | | CK | 0.5pF | ±0.05pF | GRM1884C1HR50WA01# |
| | | | • | ±0.1pF | GRM1884C1HR50BA01# |
| | | | 0.6pF | ±0.05pF | GRM1884C1HR60WA01# |
| | | | · | ±0.1pF | GRM1884C1HR60BA01# |
| | | | 0.7pF | ±0.05pF | GRM1884C1HR70WA01# |
| | | | | ±0.1pF | GRM1884C1HR70BA01# |
| | | | 0.8pF | ±0.05pF | GRM1884C1HR80WA01# |
| | | | | ±0.1pF | GRM1884C1HR80BA01# |
| | | | 0.9pF | ±0.05pF | GRM1884C1HR90WA01# |
| | | | 0.0pi | ±0.05pi | GRM1884C1HR90BA01# |
| | | | 1.05 | - | |
| | | | 1.0pF | | GRM1884C1H1R0WA01# |
| | | | | ±0.1pF | GRM1884C1H1R0BA01# |
| | | | 4 | ±0.25pF | GRM1884C1H1R0CA01# |
| | | | 1.1pF | ±0.05pF | GRM1884C1H1R1WA01# |
| | | | | ±0.1pF | GRM1884C1H1R1BA01# |
| | 1 | | | ±0.25pF | GRM1884C1H1R1CA01# |

| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number | |
|-----------|------------------|------------|----------|-------------------|--|------|
| 0.9mm | 50Vdc | CK | 1.2pF | ±0.05pF | GRM1884C1H1R2WA01# | |
| | | | | ±0.1pF | GRM1884C1H1R2BA01# | |
| | | | | ±0.25pF | GRM1884C1H1R2CA01# | |
| | | | 1.3pF | ±0.05pF | GRM1884C1H1R3WA01# | |
| | | | | ±0.1pF | GRM1884C1H1R3BA01# | |
| | | | | ±0.25pF | GRM1884C1H1R3CA01# | |
| | | | 1.4pF | ±0.05pF | GRM1884C1H1R4WA01# | |
| | | | | ±0.1pF | GRM1884C1H1R4BA01# | |
| | | | | ±0.25pF | GRM1884C1H1R4CA01# | |
| | | | 1.5pF | ±0.05pF | GRM1884C1H1R5WA01# | |
| | | | | ±0.1pF | GRM1884C1H1R5BA01# | |
| | | | | ±0.25pF | GRM1884C1H1R5CA01# | |
| | | | 1.6pF | ±0.05pF | GRM1884C1H1R6WA01# | |
| | | | | ±0.1pF | GRM1884C1H1R6BA01# | |
| | | | | ±0.25pF | GRM1884C1H1R6CA01# | |
| | | | 1.7pF | ±0.05pF | GRM1884C1H1R7WA01# | |
| | | | | ±0.1pF | GRM1884C1H1R7BA01# | |
| | | | | ±0.25pF | GRM1884C1H1R7CA01# | |
| | | | 1.8pF | ±0.05pF | GRM1884C1H1R8WA01# | |
| | | | | ±0.1pF | GRM1884C1H1R8BA01# | |
| | | | | ±0.25pF | GRM1884C1H1R8CA01# | |
| | | | 1.9pF | ±0.05pF | GRM1884C1H1R9WA01# | |
| | | | | ±0.1pF | GRM1884C1H1R9BA01# | |
| | | | | ±0.25pF | GRM1884C1H1R9CA01# | |
| | | | 2.0pF | ±0.05pF | GRM1884C1H2R0WA01# | |
| | | | | ±0.1pF | GRM1884C1H2R0BA01# | |
| | | | | ±0.25pF | GRM1884C1H2R0CA01# | |
| | | CJ | 2.1pF | ±0.05pF | GRM1883C1H2R1WA01# | |
| | | | | ±0.1pF | GRM1883C1H2R1BA01# | |
| | | | | ±0.25pF | GRM1883C1H2R1CA01# | |
| | | | 2.2pF | ±0.05pF | GRM1883C1H2R2WA01# | |
| | | | | ±0.1pF | GRM1883C1H2R2BA01# | |
| | | | | ±0.25pF | GRM1883C1H2R2CA01# | |
| | | | 2.3pF | ±0.05pF | GRM1883C1H2R3WA01# | |
| | | | | ±0.1pF | GRM1883C1H2R3BA01# | |
| | | | | ±0.25pF | GRM1883C1H2R3CA01# | |
| | | | 2.4pF | ±0.05pF | GRM1883C1H2R4WA01# | |
| | | | | ±0.1pF | GRM1883C1H2R4BA01# | |
| | | | | ±0.25pF | GRM1883C1H2R4CA01# | |
| | | | 2.5pF | ±0.05pF | GRM1883C1H2R5WA01# | |
| | | | | ±0.1pF | GRM1883C1H2R5BA01# | |
| | | | 00.5 | ±0.25pF | GRM1883C1H2R5CA01# | |
| | | | 2.6pF | ±0.05pF | GRM1883C1H2R6WA01# | |
| | | | | ±0.1pF | GRM1883C1H2R6BA01# | |
| | | | 07-5 | ±0.25pF | GRM1883C1H2R6CA01# | |
| | | | 2.7pF | ±0.05pF | GRM1883C1H2R7WA01# | |
| | | | | ±0.1pF | GRM1883C1H2R7BA01# | |
| | | | 2 0 n E | ±0.25pF | GRM1883C1H2R7CA01# | |
| | | | 2.8pF | ±0.05pF | GRM1883C1H2R8WA01# GRM1883C1H2R8BA01# | |
| | | | | ±0.1pF | | |
| | | | 2005 | ±0.25pF | GRM1883C1H2R8CA01# | |
| | | | 2.9pF | ±0.05pF | GRM1883C1H2R9WA01# | |
| | | | | ±0.1pF ±0.25pF | GRM1883C1H2R9BA01# GRM1883C1H2R9CA01# | |
| | | | Part nur | | cates the package specification | code |

(→ **1.**6×0.8mm)

| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number |
|-----------|------------------|------------|--------|---------|--------------------|
| 0.9mm | 50Vdc | CJ | 3.0pF | ±0.05pF | GRM1883C1H3R0WA01# |
| 0.0111111 | 00100 | | о.ор. | ±0.1pF | GRM1883C1H3R0BA01# |
| | | | | ±0.25pF | GRM1883C1H3R0CA01# |
| | | | 3.1pF | ±0.05pF | GRM1883C1H3R1WA01# |
| | | | о. грг | ±0.1pF | GRM1883C1H3R1BA01# |
| | | | | ±0.25pF | GRM1883C1H3R1CA01# |
| | | | 3.2pF | ±0.05pF | GRM1883C1H3R2WA01# |
| | | | 3.2pi | ±0.05pi | GRM1883C1H3R2BA01# |
| | | | | - | GRM1883C1H3R2CA01# |
| | | | 0.05 | ±0.25pF | |
| | | | 3.3pF | ±0.05pF | GRM1883C1H3R3WA01# |
| | | | | ±0.1pF | GRM1883C1H3R3BA01# |
| | | | | ±0.25pF | GRM1883C1H3R3CA01# |
| | | | 3.4pF | ±0.05pF | GRM1883C1H3R4WA01# |
| | | | | ±0.1pF | GRM1883C1H3R4BA01# |
| | | | | ±0.25pF | GRM1883C1H3R4CA01# |
| | | | 3.5pF | ±0.05pF | GRM1883C1H3R5WA01# |
| | | | | ±0.1pF | GRM1883C1H3R5BA01# |
| | | | | ±0.25pF | GRM1883C1H3R5CA01# |
| | | | 3.6pF | ±0.05pF | GRM1883C1H3R6WA01# |
| | | | | ±0.1pF | GRM1883C1H3R6BA01# |
| | | | | ±0.25pF | GRM1883C1H3R6CA01# |
| | | | 3.7pF | ±0.05pF | GRM1883C1H3R7WA01# |
| | | | | ±0.1pF | GRM1883C1H3R7BA01# |
| | | | | ±0.25pF | GRM1883C1H3R7CA01# |
| | | | 3.8pF | ±0.05pF | GRM1883C1H3R8WA01# |
| | | | | ±0.1pF | GRM1883C1H3R8BA01# |
| | | | | ±0.25pF | GRM1883C1H3R8CA01# |
| | | | 3.9pF | ±0.05pF | GRM1883C1H3R9WA01# |
| | | | | ±0.1pF | GRM1883C1H3R9BA01# |
| | | | | ±0.25pF | GRM1883C1H3R9CA01# |
| | | СН | 4.0pF | ±0.05pF | GRM1882C1H4R0WA01# |
| | | | • | ±0.1pF | GRM1882C1H4R0BA01# |
| | | | | ±0.25pF | GRM1882C1H4R0CA01# |
| | | | 4.1pF | ±0.05pF | GRM1882C1H4R1WA01# |
| | | | | ±0.1pF | GRM1882C1H4R1BA01# |
| | | | | ±0.25pF | GRM1882C1H4R1CA01# |
| | | | 4.2pF | ±0.05pF | GRM1882C1H4R2WA01# |
| | | | п. | ±0.1pF | GRM1882C1H4R2BA01# |
| | | | | ±0.1pi | GRM1882C1H4R2CA01# |
| | | | 4 2nE | ±0.25pi | GRM1882C1H4R3WA01# |
| | | | 4.3pF | | |
| | | | | ±0.1pF | GRM1882C1H4R3BA01# |
| | | | 4.4-5 | ±0.25pF | GRM1882C1H4R3CA01# |
| | | | 4.4pF | ±0.05pF | GRM1882C1H4R4WA01# |
| | | | | ±0.1pF | GRM1882C1H4R4BA01# |
| | | | | ±0.25pF | GRM1882C1H4R4CA01# |
| | | | 4.5pF | ±0.05pF | GRM1882C1H4R5WA01# |
| | | | | ±0.1pF | GRM1882C1H4R5BA01# |
| | | | | ±0.25pF | GRM1882C1H4R5CA01# |
| | | | 4.6pF | ±0.05pF | GRM1882C1H4R6WA01# |
| | | | | ±0.1pF | GRM1882C1H4R6BA01# |
| | | | | ±0.25pF | GRM1882C1H4R6CA01# |
| | | | 4.7pF | ±0.05pF | GRM1882C1H4R7WA01# |
| | | | | ±0.1pF | GRM1882C1H4R7BA01# |
| | | 1 | | | |

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number | |
|-----------|------------------|------------|----------|--------------|---------------------------------|-------|
| 0.9mm | 50Vdc | СН | 4.8pF | ±0.05pF | GRM1882C1H4R8WA01# | |
| | | | | ±0.1pF | GRM1882C1H4R8BA01# | |
| | | | | ±0.25pF | GRM1882C1H4R8CA01# | |
| | | | 4.9pF | ±0.05pF | GRM1882C1H4R9WA01# | |
| | | | | ±0.1pF | GRM1882C1H4R9BA01# | |
| | | | | ±0.25pF | GRM1882C1H4R9CA01# | |
| | | | 5.0pF | ±0.05pF | GRM1882C1H5R0WA01# | |
| | | | | ±0.1pF | GRM1882C1H5R0BA01# | |
| | | | | ±0.25pF | GRM1882C1H5R0CA01# | |
| | | | 5.1pF | ±0.05pF | GRM1882C1H5R1WA01# | |
| | | | | ±0.1pF | GRM1882C1H5R1BA01# | |
| | | | | ±0.25pF | GRM1882C1H5R1CA01# | |
| | | | | ±0.5pF | GRM1882C1H5R1DA01# | |
| | | | 5.2pF | ±0.05pF | GRM1882C1H5R2WA01# | |
| | | | | ±0.1pF | GRM1882C1H5R2BA01# | |
| | | | | ±0.25pF | GRM1882C1H5R2CA01# | |
| | | | | ±0.5pF | GRM1882C1H5R2DA01# | |
| | | | 5.3pF | ±0.05pF | GRM1882C1H5R3WA01# | |
| | | | | ±0.1pF | GRM1882C1H5R3BA01# | |
| | | | | ±0.25pF | GRM1882C1H5R3CA01# | |
| | | | | ±0.5pF | GRM1882C1H5R3DA01# | |
| | | | 5.4pF | ±0.05pF | GRM1882C1H5R4WA01# | |
| | | | | ±0.1pF | GRM1882C1H5R4BA01# | |
| | | | | ±0.25pF | GRM1882C1H5R4CA01# | |
| | | | | ±0.5pF | GRM1882C1H5R4DA01# | |
| | | | 5.5pF | ±0.05pF | GRM1882C1H5R5WA01# | |
| | | | | ±0.1pF | GRM1882C1H5R5BA01# | |
| | | | | ±0.25pF | GRM1882C1H5R5CA01# | |
| | | | | ±0.5pF | GRM1882C1H5R5DA01# | |
| | | | 5.6pF | ±0.05pF | GRM1882C1H5R6WA01# | |
| | | | | ±0.1pF | GRM1882C1H5R6BA01# | |
| | | | | ±0.25pF | GRM1882C1H5R6CA01# | |
| | | | | ±0.5pF | GRM1882C1H5R6DA01# | |
| | | | 5.7pF | ±0.05pF | GRM1882C1H5R7WA01# | |
| | | | | ±0.1pF | GRM1882C1H5R7BA01# | |
| | | | | ±0.25pF | GRM1882C1H5R7CA01# | |
| | | | | ±0.5pF | GRM1882C1H5R7DA01# | |
| | | | 5.8pF | ±0.05pF | GRM1882C1H5R8WA01# | |
| | | | | ±0.1pF | GRM1882C1H5R8BA01# | |
| | | | | ±0.25pF | GRM1882C1H5R8CA01# | |
| | | | | ±0.5pF | GRM1882C1H5R8DA01# | |
| | | | 5.9pF | ±0.05pF | GRM1882C1H5R9WA01# | |
| | | | | ±0.1pF | GRM1882C1H5R9BA01# | |
| | | | | ±0.25pF | GRM1882C1H5R9CA01# | |
| | | | | ±0.5pF | GRM1882C1H5R9DA01# | |
| | | | 6.0pF | ±0.05pF | GRM1882C1H6R0WA01# | |
| | | | | ±0.1pF | GRM1882C1H6R0BA01# | |
| | | | | ±0.25pF | GRM1882C1H6R0CA01# | |
| | | | | ±0.5pF | GRM1882C1H6R0DA01# | |
| | | | 6.1pF | ±0.05pF | GRM1882C1H6R1WA01# | |
| | | | | ±0.1pF | GRM1882C1H6R1BA01# | |
| | | | | ±0.25pF | GRM1882C1H6R1CA01# | |
| | | | | ±0.5pF | GRM1882C1H6R1DA01# | |
| | | | 6.2pF | ±0.05pF | GRM1882C1H6R2WA01# | |
| | | | Part nur | mber # indic | cates the package specification | code. |

muRata

(→ **■** 1.6×0.8mm)

| max. Voltage Code Cap. 10l. Part Number | • | .6×0.8ı | | | | |
|--|-----------|------------------|------------|-------|---------|--------------------|
| #0.25pF GRM1882C1H6R2A01# #0.5pF GRM1882C1H6R3WA01# #0.25pF GRM1882C1H6R3WA01# #0.25pF GRM1882C1H6R3WA01# #0.5pF GRM1882C1H6R3WA01# #0.5pF GRM1882C1H6R3WA01# #0.5pF GRM1882C1H6R3WA01# #0.5pF GRM1882C1H6R3WA01# #0.5pF GRM1882C1H6R3WA01# #0.25pF GRM1882C1H6R4WA01# #0.25pF GRM1882C1H6R5WA01# #0.25pF GRM1882C1H6R5WA01# #0.25pF GRM1882C1H6R5WA01# #0.25pF GRM1882C1H6R5WA01# #0.25pF GRM1882C1H6R5WA01# #0.25pF GRM1882C1H6R6WA01# #0.25pF GRM1882C1H6R7WA01# #0.25pF GRM1882C1H6R7WA01# #0.25pF GRM1882C1H6R6WA01# #0.25pF GRM1882C1H6R8WA01# #0.25pF GRM1882C1H6R8WA01# #0.25pF GRM1882C1H6R8WA01# #0.25pF GRM1882C1H6R8WA01# #0.25pF GRM1882C1H6R9WA01# #0.25pF GRM1882C1H7R0WA01# # | T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number |
| #0.5pF GRM1882C1H6R3WA01# #0.25pF GRM1882C1H6R3WA01# #0.25pF GRM1882C1H6R3WA01# #0.25pF GRM1882C1H6R3WA01# #0.25pF GRM1882C1H6R3WA01# #0.25pF GRM1882C1H6R3WA01# #0.25pF GRM1882C1H6R4WA01# #0.25pF GRM1882C1H6R4WA01# #0.25pF GRM1882C1H6R5WA01# #0.25pF GRM1882C1H6R5WA01# #0.25pF GRM1882C1H6R5WA01# #0.25pF GRM1882C1H6R5WA01# #0.25pF GRM1882C1H6R5WA01# #0.5pF GRM1882C1H6R5WA01# #0.5pF GRM1882C1H6R6WA01# #0.5pF GRM1882C1H6R9WA01# #0.5pF GRM1882C1H6R9WA01# #0.5pF GRM1882C1H6R9DA01# #0.5pF GRM1882C1H6R9DA01# #0.5pF GRM1882C1H7R0WA01# #0.5pF | 0.9mm | 50Vdc | СН | 6.2pF | ±0.1pF | GRM1882C1H6R2BA01# |
| 6.3pF ±0.05pF GRM1882C1H6R3BA01# ±0.25pF GRM1882C1H6R3DA01# ±0.25pF GRM1882C1H6R3DA01# ±0.5pF GRM1882C1H6R3DA01# ±0.5pF GRM1882C1H6R4BA01# ±0.5pF GRM1882C1H6R4DA01# ±0.5pF GRM1882C1H6R5DA01# ±0.5pF GRM1882C1H6R6DA01# ±0.5pF GRM1882C1H6R6DA01# ±0.5pF GRM1882C1H6R6DA01# ±0.5pF GRM1882C1H6R6DA01# ±0.5pF GRM1882C1H6R7DA01# ±0.5pF GRM1882C1H6R7DA01# ±0.5pF GRM1882C1H6R7DA01# ±0.5pF GRM1882C1H6R7DA01# ±0.5pF GRM1882C1H6R3DA01# ±0.5pF GRM1882C1H7R0DA01# ±0.5pF G | | | | | ±0.25pF | GRM1882C1H6R2CA01# |
| #0.1pF GRM1882C1H6R3BA01# #0.25pF GRM1882C1H6R3CA01# #0.5pF GRM1882C1H6R4WA01# #0.1pF GRM1882C1H6R4WA01# #0.5pF GRM1882C1H6R4WA01# #0.5pF GRM1882C1H6R4WA01# #0.5pF GRM1882C1H6R4WA01# #0.5pF GRM1882C1H6R4WA01# #0.5pF GRM1882C1H6R5WA01# #0.5pF GRM1882C1H6R5WA01# #0.5pF GRM1882C1H6R5WA01# #0.5pF GRM1882C1H6R6WA01# #0.5pF GRM1882C1H6R7WA01# #0.5pF GRM1882C1H6R7WA01# #0.5pF GRM1882C1H6R8WA01# #0.5pF GRM1882C1H6R9WA01# #0.5pF GRM1882C1H6R9WA01# #0.5pF GRM1882C1H6R9WA01# #0.5pF GRM1882C1H6R9WA01# #0.5pF GRM1882C1H6R9WA01# #0.5pF GRM1882C1H7R0WA01# #0.5pF GRM1882C1H | | | | | ±0.5pF | GRM1882C1H6R2DA01# |
| # 10.25pF GRM1882C1H6R3CA01# ±0.5pF GRM1882C1H6R4BA01# ±0.1pF GRM1882C1H6R4BA01# ±0.5pF GRM1882C1H6R4BA01# ±0.5pF GRM1882C1H6R5BA01# ±0.25pF GRM1882C1H6R5BA01# ±0.25pF GRM1882C1H6R5BA01# ±0.25pF GRM1882C1H6R5BA01# ±0.5pF GRM1882C1H6R6BA01# ±0.5pF GRM1882C1H6R6BA01# ±0.5pF GRM1882C1H6R6BA01# ±0.5pF GRM1882C1H6R6BA01# ±0.5pF GRM1882C1H6R6BA01# ±0.5pF GRM1882C1H6R7BA01# ±0.5pF GRM1882C1H6R7BA01# ±0.5pF GRM1882C1H6R7BA01# ±0.5pF GRM1882C1H6R7BA01# ±0.5pF GRM1882C1H6R8WA01# ±0.5pF GRM1882C1H6R8WA01# ±0.5pF GRM1882C1H6R8WA01# ±0.5pF GRM1882C1H6R8WA01# ±0.5pF GRM1882C1H6R8WA01# ±0.5pF GRM1882C1H6R9WA01# ±0.5pF GRM1882C1H6R9WA01# ±0.5pF GRM1882C1H6R9DA01# ±0.5pF GRM1882C1H6R9DA01# ±0.5pF GRM1882C1H6R9DA01# ±0.5pF GRM1882C1H7R0WA01# ±0.5pF GRM1882C1H7R0DA01# ±0.5pF GRM1882C1H7R1CA01# ±0.5pF GRM1882C1H7R1CA01# ±0.5pF GRM1882C1H7R1CA01# ±0.5pF GRM1882C1H7R1CA01# ±0.5pF GRM1882C1H7R1CA01# ±0.5pF GRM1882C1H7R3CA01# ±0.5pF GRM1882C1H7R3DA01# | | | | 6.3pF | ±0.05pF | GRM1882C1H6R3WA01# |
| #0.5pF GRM1882C1H6R3DA01# #0.1pF GRM1882C1H6R4WA01# #0.25pF GRM1882C1H6R4DA01# #0.5pF GRM1882C1H6R4DA01# #0.5pF GRM1882C1H6R5WA01# #0.5pF GRM1882C1H6R5WA01# #0.5pF GRM1882C1H6R5DA01# #0.5pF GRM1882C1H6R5DA01# #0.5pF GRM1882C1H6R6WA01# #0.5pF GRM1882C1H6R6WA01# #0.5pF GRM1882C1H6R6DA01# #0.5pF GRM1882C1H6R6DA01# #0.5pF GRM1882C1H6R6DA01# #0.5pF GRM1882C1H6R6DA01# #0.5pF GRM1882C1H6R6DA01# #0.5pF GRM1882C1H6R7BA01# #0.5pF GRM1882C1H6R7BA01# #0.5pF GRM1882C1H6R7BA01# #0.5pF GRM1882C1H6R7BA01# #0.5pF GRM1882C1H6R8WA01# #0.5pF GRM1882C1H6R8WA01# #0.5pF GRM1882C1H6R8WA01# #0.5pF GRM1882C1H6R8WA01# #0.5pF GRM1882C1H6R8WA01# #0.5pF GRM1882C1H6R8WA01# #0.5pF GRM1882C1H6R9WA01# #0.5pF GRM1882C1H6R9WA01# #0.5pF GRM1882C1H6R9BA01# #0.5pF GRM1882C1H6R9DA01# #0.5pF GRM1882C1H6R9DA01# #0.5pF GRM1882C1H7R0WA01# #0.5pF GRM1882C1H7R1WA01# #0.5pF GRM1882C1H7R1WA01# #0.5pF GRM1882C1H7R1WA01# #0.5pF GRM1882C1H7R3WA01# #0.5pF GRM1882C1H | | | | | ±0.1pF | GRM1882C1H6R3BA01# |
| 6.4pF ±0.05pF GRM1882C1H6R4WA01# ±0.25pF GRM1882C1H6R4DA01# ±0.5pF GRM1882C1H6R5WA01# ±0.5pF GRM1882C1H6R5WA01# ±0.5pF GRM1882C1H6R5WA01# ±0.5pF GRM1882C1H6R5WA01# ±0.5pF GRM1882C1H6R5WA01# ±0.5pF GRM1882C1H6R6WA01# ±0.5pF GRM1882C1H6R6WA01# ±0.5pF GRM1882C1H6R6WA01# ±0.5pF GRM1882C1H6R6WA01# ±0.5pF GRM1882C1H6R6WA01# ±0.5pF GRM1882C1H6R7WA01# ±0.5pF GRM1882C1H6R7WA01# ±0.5pF GRM1882C1H6R7WA01# ±0.5pF GRM1882C1H6R6WA01# ±0.5pF GRM1882C1H6R7WA01# ±0.5pF GRM1882C1H6R8DA01# ±0.5pF GRM1882C1H6R8DA01# ±0.5pF GRM1882C1H6R8DA01# ±0.5pF GRM1882C1H6R9WA01# ±0.5pF GRM1882C1H6R9WA01# ±0.5pF GRM1882C1H6R9WA01# ±0.5pF GRM1882C1H6R9WA01# ±0.5pF GRM1882C1H6R9WA01# ±0.5pF GRM1882C1H6R9WA01# ±0.5pF GRM1882C1H7R0WA01# ±0.5pF GRM1882C1H7R0WA01# ±0.5pF GRM1882C1H7R0WA01# ±0.5pF GRM1882C1H7R0WA01# ±0.5pF GRM1882C1H7R0WA01# ±0.5pF GRM1882C1H7R0WA01# ±0.5pF GRM1882C1H7R1WA01# ±0.5pF GRM1882C1H7R3BA01# ±0.5pF GRM1882C1H7R3CA01# ±0.5pF GRM | | | | | ±0.25pF | GRM1882C1H6R3CA01# |
| #0.1pF GRM1882C1H6R4BA01# #0.5pF GRM1882C1H6R5BA01# #0.5pF GRM1882C1H6R5DA01# #0.5pF GRM1882C1H6R5DA01# #0.5pF GRM1882C1H6R5DA01# #0.5pF GRM1882C1H6R5DA01# #0.5pF GRM1882C1H6R5DA01# #0.5pF GRM1882C1H6R5DA01# #0.5pF GRM1882C1H6R6DA01# #0.5pF GRM1882C1H6R6DA01# #0.5pF GRM1882C1H6R6DA01# #0.5pF GRM1882C1H6R6DA01# #0.5pF GRM1882C1H6R7DA01# #0.5pF GRM1882C1H6R7DA01# #0.5pF GRM1882C1H6R7DA01# #0.5pF GRM1882C1H6R8WA01# #0.5pF GRM1882C1H6R8WA01# #0.5pF GRM1882C1H6R8WA01# #0.5pF GRM1882C1H6R8WA01# #0.5pF GRM1882C1H6R8WA01# #0.5pF GRM1882C1H6R9DA01# #0.5pF GRM1882C1H6R9DA01# #0.5pF GRM1882C1H6R9DA01# #0.5pF GRM1882C1H6R9DA01# #0.5pF GRM1882C1H7R0WA01# #0.5pF GRM1882C1H7R0WA01# #0.5pF GRM1882C1H7R0WA01# #0.5pF GRM1882C1H7R0DA01# #0.5pF GRM1882C1H7R3WA01# #0.5pF GRM1882C1H7R5BA01# | | | | | ±0.5pF | GRM1882C1H6R3DA01# |
| #0.25pF GRM1882C1H6R4CA01# #0.5pF GRM1882C1H6R5CA01# #0.25pF GRM1882C1H6R5CA01# #0.5pF GRM1882C1H6R5CA01# #0.5pF GRM1882C1H6R5DA01# #0.5pF GRM1882C1H6R6DA01# #0.5pF GRM1882C1H6R6DA01# #0.5pF GRM1882C1H6R6DA01# #0.5pF GRM1882C1H6R6DA01# #0.5pF GRM1882C1H6R6DA01# #0.5pF GRM1882C1H6R7DA01# #0.5pF GRM1882C1H6R7DA01# #0.5pF GRM1882C1H6R7DA01# #0.5pF GRM1882C1H6R8WA01# #0.5pF GRM1882C1H6R8WA01# #0.5pF GRM1882C1H6R8WA01# #0.5pF GRM1882C1H6R8WA01# #0.5pF GRM1882C1H6R8WA01# #0.5pF GRM1882C1H6R8DA01# #0.5pF GRM1882C1H6R8DA01# #0.5pF GRM1882C1H6R9DA01# #0.5pF GRM1882C1H6R9DA01# #0.5pF GRM1882C1H6R9DA01# #0.5pF GRM1882C1H6R9DA01# #0.5pF GRM1882C1H7R0BA01# #0.5pF GRM1882C1H7R0BA01# #0.5pF GRM1882C1H7R0BA01# #0.5pF GRM1882C1H7R0DA01# #0.5pF GRM1882C1 | | | | 6.4pF | ±0.05pF | GRM1882C1H6R4WA01# |
| #0.5pF #0.05pF | | | | ±0.1pF | GRM1882C1H6R4BA01# |
| #0.5pF #0.05pF | | | | ±0.25pF | GRM1882C1H6R4CA01# |
| 6.5pF ±0.05pF GRM1882C1H6R5WA01# ±0.25pF GRM1882C1H6R5DA01# ±0.5pF GRM1882C1H6R6DA01# ±0.5pF GRM1882C1H6R6DA01# ±0.5pF GRM1882C1H6R6DA01# ±0.25pF GRM1882C1H6R6DA01# ±0.5pF GRM1882C1H6R6DA01# ±0.5pF GRM1882C1H6R6DA01# ±0.5pF GRM1882C1H6R6DA01# ±0.5pF GRM1882C1H6R6DA01# ±0.5pF GRM1882C1H6R7DA01# ±0.5pF GRM1882C1H6R7DA01# ±0.5pF GRM1882C1H6R8DA01# ±0.5pF GRM1882C1H6R9DA01# ±0.5pF GRM1882C1H6R9DA01# ±0.5pF GRM1882C1H6R9DA01# ±0.5pF GRM1882C1H6R9DA01# ±0.5pF GRM1882C1H7R0BA01# ±0.5pF GRM1882C1H7R0BA01# ±0.5pF GRM1882C1H7R0BA01# ±0.5pF GRM1882C1H7R0BA01# ±0.5pF GRM1882C1H7R0BA01# ±0.5pF GRM1882C1H7R0BA01# ±0.5pF GRM1882C1H7R1DA01# ±0.5pF GRM1882C1H7R1DA01# ±0.5pF GRM1882C1H7R1DA01# ±0.5pF GRM1882C1H7R2DA01# ±0.5pF GRM1882C1H7R3DA01# ±0.5pF GR | | | | | - | GRM1882C1H6R4DA01# |
| #0.1pF GRM1882C1H6R5BA01# #0.25pF GRM1882C1H6R5CA01# #0.5pF GRM1882C1H6R6MA01# #0.1pF GRM1882C1H6R6MA01# #0.25pF GRM1882C1H6R6MA01# #0.25pF GRM1882C1H6R6DA01# #0.25pF GRM1882C1H6R7MA01# #0.25pF GRM1882C1H6R7MA01# #0.25pF GRM1882C1H6R7DA01# #0.1pF GRM1882C1H6R7DA01# #0.1pF GRM1882C1H6R7DA01# #0.1pF GRM1882C1H6R8MA01# #0.1pF GRM1882C1H6R8MA01# #0.1pF GRM1882C1H6R8MA01# #0.1pF GRM1882C1H6R8BA01# #0.5pF GRM1882C1H6R8DA01# #0.5pF GRM1882C1H6R8DA01# #0.5pF GRM1882C1H6R9DA01# #0.5pF GRM1882C1H6R9MA01# #0.5pF GRM1882C1H6R9MA01# #0.5pF GRM1882C1H6R9MA01# #0.5pF GRM1882C1H6R9MA01# #0.5pF GRM1882C1H6R9MA01# #0.5pF GRM1882C1H7R0MA01# #0.5pF GRM1882C1H7R0MA01# #0.5pF GRM1882C1H7R0MA01# #0.5pF GRM1882C1H7R0MA01# #0.5pF GRM1882C1H7R0MA01# #0.5pF GRM1882C1H7R1MA01# #0.5pF GRM1882C1H7R1MA01# #0.5pF GRM1882C1H7R1MA01# #0.5pF GRM1882C1H7R1MA01# #0.5pF GRM1882C1H7R2MA01# #0.5pF GRM1882C1H7R2MA01# #0.5pF GRM1882C1H7R2MA01# #0.5pF GRM1882C1H7R2MA01# #0.5pF GRM1882C1H7R3MA01# | | | | 6.5pF | - | |
| #0.25pF GRM1882C1H6R5CA01# #0.5pF GRM1882C1H6R6WA01# #0.1pF GRM1882C1H6R6WA01# #0.25pF GRM1882C1H6R6WA01# #0.25pF GRM1882C1H6R6CA01# #0.5pF GRM1882C1H6R6DA01# #0.5pF GRM1882C1H6R6DA01# #0.5pF GRM1882C1H6R7WA01# #0.25pF GRM1882C1H6R7WA01# #0.5pF GRM1882C1H6R7DA01# #0.5pF GRM1882C1H6R6DA01# #0.5pF GRM1882C1H6R8WA01# #0.5pF GRM1882C1H6R8WA01# #0.5pF GRM1882C1H6R8DA01# #0.5pF GRM1882C1H6R8DA01# #0.5pF GRM1882C1H6R8DA01# #0.5pF GRM1882C1H6R9DA01# #0.5pF GRM1882C1H6R9DA01# #0.5pF GRM1882C1H6R9DA01# #0.5pF GRM1882C1H6R9DA01# #0.5pF GRM1882C1H6R9DA01# #0.5pF GRM1882C1H6R9DA01# #0.5pF GRM1882C1H7R0WA01# #0.5pF GRM1882C1H7R0WA01# #0.5pF GRM1882C1H7R0DA01# #0.5pF GRM1882C1H7R0DA01# #0.5pF GRM1882C1H7R1WA01# #0.5pF GRM1882C1H7R1DA01# #0.5pF GRM1882C1H7R1DA01# #0.5pF GRM1882C1H7R1CA01# #0.5pF GRM1882C1H7R2WA01# #0.5pF GRM1882C1H7R2DA01# #0.5pF GRM1882C1H7R3DA01# | | | | о.ор. | - | |
| #0.5pF GRM1882C1H6R5DA01# #0.1pF GRM1882C1H6R6WA01# #0.25pF GRM1882C1H6R6BA01# #0.25pF GRM1882C1H6R6DA01# #0.25pF GRM1882C1H6R6DA01# #0.1pF GRM1882C1H6R7WA01# #0.25pF GRM1882C1H6R7WA01# #0.25pF GRM1882C1H6R7DA01# #0.5pF GRM1882C1H6R7DA01# #0.5pF GRM1882C1H6R8WA01# #0.25pF GRM1882C1H6R8WA01# #0.5pF GRM1882C1H6R8DA01# #0.5pF GRM1882C1H6R8DA01# #0.5pF GRM1882C1H6R8DA01# #0.5pF GRM1882C1H6R8DA01# #0.5pF GRM1882C1H6R9DA01# #0.5pF GRM1882C1H6R9DA01# #0.5pF GRM1882C1H6R9DA01# #0.5pF GRM1882C1H6R9DA01# #0.5pF GRM1882C1H6R9DA01# #0.5pF GRM1882C1H7R0WA01# #0.5pF GRM1882C1H7R0WA01# #0.5pF GRM1882C1H7R0DA01# #0.5pF GRM1882C1H7R0DA01# #0.5pF GRM1882C1H7R0DA01# #0.5pF GRM1882C1H7R0DA01# #0.5pF GRM1882C1H7R1DA01# #0.5pF GRM1882C1H7R1DA01# #0.5pF GRM1882C1H7R1DA01# #0.5pF GRM1882C1H7R2WA01# #0.5pF GRM1882C1H7R2WA01# #0.5pF GRM1882C1H7R2DA01# #0.5pF GRM1882C1H7R2DA01# #0.5pF GRM1882C1H7R3DA01# | | | | | - | |
| 6.6pF | | | | | - | |
| #0.1pF GRM1882C1H6R6BA01# #0.25pF GRM1882C1H6R6CA01# #0.5pF GRM1882C1H6R6DA01# #0.1pF GRM1882C1H6R7WA01# #0.1pF GRM1882C1H6R7BA01# #0.25pF GRM1882C1H6R7DA01# #0.5pF GRM1882C1H6R8WA01# #0.1pF GRM1882C1H6R8WA01# #0.1pF GRM1882C1H6R8WA01# #0.25pF GRM1882C1H6R8BA01# #0.25pF GRM1882C1H6R8DA01# #0.5pF GRM1882C1H6R8DA01# #0.1pF GRM1882C1H6R9WA01# #0.1pF GRM1882C1H6R9WA01# #0.25pF GRM1882C1H6R9DA01# #0.25pF GRM1882C1H6R9DA01# #0.5pF GRM1882C1H7R0WA01# #0.1pF GRM1882C1H7R0WA01# #0.1pF GRM1882C1H7R0DA01# #0.5pF GRM1882C1H7R0DA01# #0.5pF GRM1882C1H7R0DA01# #0.5pF GRM1882C1H7R1WA01# #0.5pF GRM1882C1H7R1WA01# #0.5pF GRM1882C1H7R1WA01# #0.5pF GRM1882C1H7R1WA01# #0.5pF GRM1882C1H7R2WA01# #0.5pF GRM1882C1H7R2WA01# #0.5pF GRM1882C1H7R2WA01# #0.5pF GRM1882C1H7R2WA01# #0.5pF GRM1882C1H7R2WA01# #0.5pF GRM1882C1H7R3WA01# #0.5pF GRM1882C1H7R4WA01# #0.5pF GRM1882C1H7R5WA01# | | | | 0.0-5 | - | |
| #0.25pF GRM1882C1H6R6CA01# #0.5pF GRM1882C1H6R6DA01# #0.1pF GRM1882C1H6R7WA01# #0.1pF GRM1882C1H6R7BA01# #0.25pF GRM1882C1H6R7DA01# #0.5pF GRM1882C1H6R8WA01# #0.1pF GRM1882C1H6R8WA01# #0.25pF GRM1882C1H6R8BA01# #0.25pF GRM1882C1H6R8DA01# #0.25pF GRM1882C1H6R8DA01# #0.25pF GRM1882C1H6R9WA01# #0.1pF GRM1882C1H6R9WA01# #0.25pF GRM1882C1H6R9DA01# #0.25pF GRM1882C1H6R9DA01# #0.5pF GRM1882C1H7R0WA01# #0.5pF GRM1882C1H7R0WA01# #0.5pF GRM1882C1H7R0DA01# #0.5pF GRM1882C1H7R0DA01# #0.1pF GRM1882C1H7R1WA01# #0.1pF GRM1882C1H7R1WA01# #0.5pF GRM1882C1H7R1WA01# #0.5pF GRM1882C1H7R1DA01# #0.5pF GRM1882C1H7R2WA01# #0.5pF GRM1882C1H7R2WA01# #0.5pF GRM1882C1H7R2WA01# #0.5pF GRM1882C1H7R2WA01# #0.5pF GRM1882C1H7R2DA01# #0.5pF GRM1882C1H7R3BA01# #0.5pF GRM1882C1H7R4WA01# #0.5pF GRM1882C1H7R4DA01# #0.5pF GRM1882C1H7R5BA01# | | | | о.орг | - | |
| #0.5pF GRM1882C1H6R6DA01# #0.1pF GRM1882C1H6R7WA01# #0.1pF GRM1882C1H6R7DA01# #0.25pF GRM1882C1H6R8WA01# #0.1pF GRM1882C1H6R8WA01# #0.25pF GRM1882C1H6R8WA01# #0.25pF GRM1882C1H6R8DA01# #0.25pF GRM1882C1H6R8DA01# #0.5pF GRM1882C1H6R8DA01# #0.1pF GRM1882C1H6R9DA01# #0.25pF GRM1882C1H6R9DA01# #0.25pF GRM1882C1H6R9DA01# #0.5pF GRM1882C1H7R0WA01# #0.5pF GRM1882C1H7R0WA01# #0.5pF GRM1882C1H7R0DA01# #0.5pF GRM1882C1H7R0DA01# #0.1pF GRM1882C1H7R1WA01# #0.1pF GRM1882C1H7R1WA01# #0.5pF GRM1882C1H7R1DA01# #0.5pF GRM1882C1H7R2WA01# #0.5pF GRM1882C1H7R2WA01# #0.5pF GRM1882C1H7R2WA01# #0.5pF GRM1882C1H7R2WA01# #0.5pF GRM1882C1H7R2WA01# #0.5pF GRM1882C1H7R2DA01# #0.5pF GRM1882C1H7R3BA01# #0.5pF GRM1882C1H7R4WA01# #0.5pF GRM1882C1H7R4BA01# #0.5pF GRM1882C1H7R5BA01# | | | | | - | |
| 6.7pF ±0.05pF GRM1882C1H6R7WA01# ±0.25pF GRM1882C1H6R7DA01# ±0.25pF GRM1882C1H6R8WA01# ±0.25pF GRM1882C1H6R8WA01# ±0.25pF GRM1882C1H6R8BA01# ±0.5pF GRM1882C1H6R8DA01# ±0.5pF GRM1882C1H6R9WA01# ±0.5pF GRM1882C1H6R9WA01# ±0.5pF GRM1882C1H6R9WA01# ±0.5pF GRM1882C1H6R9DA01# ±0.5pF GRM1882C1H6R9DA01# ±0.5pF GRM1882C1H6R9DA01# ±0.5pF GRM1882C1H7R0WA01# ±0.5pF GRM1882C1H7R0WA01# ±0.5pF GRM1882C1H7R0DA01# ±0.5pF GRM1882C1H7R0DA01# ±0.5pF GRM1882C1H7R1WA01# ±0.5pF GRM1882C1H7R1WA01# ±0.5pF GRM1882C1H7R1WA01# ±0.5pF GRM1882C1H7R1DA01# ±0.5pF GRM1882C1H7R2WA01# ±0.5pF GRM1882C1H7R2WA01# ±0.5pF GRM1882C1H7R2WA01# ±0.5pF GRM1882C1H7R2WA01# ±0.5pF GRM1882C1H7R2WA01# ±0.5pF GRM1882C1H7R3DA01# ±0.5pF GRM1882C1H7R4WA01# ±0.5pF GRM1882C1H7R4WA01# ±0.5pF GRM1882C1H7R4WA01# ±0.5pF GRM1882C1H7R4WA01# ±0.5pF GRM1882C1H7R4DA01# ±0.5pF GRM1882C1H7R5WA01# | | | | | | |
| #0.1pF GRM1882C1H6R7BA01# #0.25pF GRM1882C1H6R7CA01# #0.5pF GRM1882C1H6R8WA01# #0.1pF GRM1882C1H6R8WA01# #0.25pF GRM1882C1H6R8BA01# #0.25pF GRM1882C1H6R8BA01# #0.25pF GRM1882C1H6R8DA01# #0.5pF GRM1882C1H6R8DA01# #0.5pF GRM1882C1H6R9WA01# #0.1pF GRM1882C1H6R9BA01# #0.25pF GRM1882C1H6R9DA01# #0.25pF GRM1882C1H6R9DA01# #0.5pF GRM1882C1H7R0WA01# #0.1pF GRM1882C1H7R0WA01# #0.25pF GRM1882C1H7R0DA01# #0.25pF GRM1882C1H7R0DA01# #0.5pF GRM1882C1H7R0DA01# #0.5pF GRM1882C1H7R1WA01# #0.5pF GRM1882C1H7R1WA01# #0.5pF GRM1882C1H7R1DA01# #0.25pF GRM1882C1H7R1DA01# #0.25pF GRM1882C1H7R2WA01# #0.25pF GRM1882C1H7R2WA01# #0.5pF GRM1882C1H7R2DA01# #0.5pF GRM1882C1H7R3WA01# #0.5pF GRM1882C1H7R3WA01# #0.5pF GRM1882C1H7R3WA01# #0.5pF GRM1882C1H7R3WA01# #0.5pF GRM1882C1H7R3WA01# #0.5pF GRM1882C1H7R3WA01# #0.5pF GRM1882C1H7R4WA01# #0.1pF GRM1882C1H7R4WA01# #0.1pF GRM1882C1H7R4WA01# #0.1pF GRM1882C1H7R4WA01# #0.1pF GRM1882C1H7R4WA01# #0.1pF GRM1882C1H7R4WA01# #0.5pF GRM1882C1H7R4WA01# | | | | | - | |
| #0.25pF GRM1882C1H6R7CA01# #0.5pF GRM1882C1H6R8WA01# #0.1pF GRM1882C1H6R8WA01# #0.25pF GRM1882C1H6R8BA01# #0.25pF GRM1882C1H6R8CA01# #0.5pF GRM1882C1H6R8DA01# #0.5pF GRM1882C1H6R8DA01# #0.5pF GRM1882C1H6R9WA01# #0.25pF GRM1882C1H6R9BA01# #0.25pF GRM1882C1H6R9CA01# #0.5pF GRM1882C1H6R9DA01# #0.5pF GRM1882C1H7R0WA01# #0.5pF GRM1882C1H7R0WA01# #0.5pF GRM1882C1H7R0DA01# #0.5pF GRM1882C1H7R0A01# #0.5pF GRM1882C1H7R1WA01# #0.5pF GRM1882C1H7R1WA01# #0.5pF GRM1882C1H7R1DA01# #0.5pF GRM1882C1H7R1DA01# #0.5pF GRM1882C1H7R1DA01# #0.5pF GRM1882C1H7R1DA01# #0.5pF GRM1882C1H7R1DA01# #0.5pF GRM1882C1H7R1DA01# #0.5pF GRM1882C1H7R2WA01# #0.5pF GRM1882C1H7R2WA01# #0.5pF GRM1882C1H7R3WA01# #0.5pF GRM1882C1H7R3WA01# #0.5pF GRM1882C1H7R3WA01# #0.5pF GRM1882C1H7R3DA01# #0.5pF GRM1882C1H7R3DA01# #0.5pF GRM1882C1H7R4WA01# | | | | 6.7pF | ±0.05pF | GRM1882C1H6R7WA01# |
| #0.5pF GRM1882C1H6R7DA01# #0.05pF GRM1882C1H6R8WA01# #0.25pF GRM1882C1H6R8BA01# #0.25pF GRM1882C1H6R8DA01# #0.5pF GRM1882C1H6R8DA01# #0.5pF GRM1882C1H6R9WA01# #0.5pF GRM1882C1H6R9WA01# #0.1pF GRM1882C1H6R9DA01# #0.25pF GRM1882C1H6R9DA01# #0.25pF GRM1882C1H7R0WA01# #0.25pF GRM1882C1H7R0WA01# #0.25pF GRM1882C1H7R0DA01# #0.5pF GRM1882C1H7R0DA01# #0.5pF GRM1882C1H7R1WA01# #0.5pF GRM1882C1H7R1WA01# #0.5pF GRM1882C1H7R1DA01# #0.5pF GRM1882C1H7R1DA01# #0.5pF GRM1882C1H7R1DA01# #0.5pF GRM1882C1H7R1DA01# #0.5pF GRM1882C1H7R1DA01# #0.5pF GRM1882C1H7R1DA01# #0.5pF GRM1882C1H7R2WA01# #0.5pF GRM1882C1H7R2WA01# #0.5pF GRM1882C1H7R3WA01# #0.5pF GRM1882C1H7R3WA01# #0.5pF GRM1882C1H7R3DA01# #0.5pF GRM1882C1H7R3DA01# #0.5pF GRM1882C1H7R3DA01# #0.5pF GRM1882C1H7R4WA01# #0.5pF GRM1882C1H7R4WA01# #0.5pF GRM1882C1H7R4WA01# #0.5pF GRM1882C1H7R4WA01# #0.5pF GRM1882C1H7R4WA01# #0.5pF GRM1882C1H7R4DA01# | | | | | ±0.1pF | GRM1882C1H6R7BA01# |
| 6.8pF ±0.05pF GRM1882C1H6R8WA01# ±0.1pF GRM1882C1H6R8CA01# ±0.25pF GRM1882C1H6R8CA01# ±0.5pF GRM1882C1H6R8DA01# ±0.05pF GRM1882C1H6R9WA01# ±0.1pF GRM1882C1H6R9DA01# ±0.5pF GRM1882C1H6R9DA01# ±0.5pF GRM1882C1H7R0WA01# ±0.5pF GRM1882C1H7R0WA01# ±0.25pF GRM1882C1H7R0DA01# ±0.5pF GRM1882C1H7R0DA01# ±0.5pF GRM1882C1H7R0DA01# ±0.05pF GRM1882C1H7R1WA01# ±0.05pF GRM1882C1H7R1WA01# ±0.05pF GRM1882C1H7R1DA01# ±0.05pF GRM1882C1H7R1DA01# ±0.05pF GRM1882C1H7R1DA01# ±0.05pF GRM1882C1H7R1DA01# ±0.05pF GRM1882C1H7R2WA01# ±0.05pF GRM1882C1H7R2WA01# ±0.05pF GRM1882C1H7R2DA01# ±0.05pF GRM1882C1H7R3WA01# ±0.05pF GRM1882C1H7R3WA01# ±0.05pF GRM1882C1H7R3WA01# ±0.05pF GRM1882C1H7R3WA01# ±0.05pF GRM1882C1H7R3WA01# ±0.05pF GRM1882C1H7R3DA01# ±0.05pF GRM1882C1H7R3DA01# ±0.05pF GRM1882C1H7R3DA01# ±0.05pF GRM1882C1H7R3DA01# ±0.05pF GRM1882C1H7R4WA01# ±0.05pF GRM1882C1H7R4WA01# ±0.05pF GRM1882C1H7R4WA01# ±0.05pF GRM1882C1H7R4WA01# ±0.05pF GRM1882C1H7R4DA01# ±0.05pF GRM1882C1H7R5WA01# ±0.05pF GRM1882C1H7R5WA01# ±0.05pF GRM1882C1H7R5WA01# ±0.05pF GRM1882C1H7R5WA01# ±0.05pF GRM1882C1H7R5WA01# ±0.05pF GRM1882C1H7R5WA01# | | | | | ±0.25pF | GRM1882C1H6R7CA01# |
| #0.1pF GRM1882C1H6R8BA01# #0.25pF GRM1882C1H6R8DA01# #0.5pF GRM1882C1H6R9WA01# #0.1pF GRM1882C1H6R9WA01# #0.1pF GRM1882C1H6R9WA01# #0.25pF GRM1882C1H6R9DA01# #0.5pF GRM1882C1H6R9DA01# #0.5pF GRM1882C1H7R0WA01# #0.1pF GRM1882C1H7R0WA01# #0.25pF GRM1882C1H7R0DA01# #0.5pF GRM1882C1H7R0DA01# #0.5pF GRM1882C1H7R0DA01# #0.5pF GRM1882C1H7R1WA01# #0.1pF GRM1882C1H7R1WA01# #0.1pF GRM1882C1H7R1BA01# #0.5pF GRM1882C1H7R1DA01# #0.5pF GRM1882C1H7R1DA01# #0.5pF GRM1882C1H7R2WA01# #0.5pF GRM1882C1H7R2WA01# #0.25pF GRM1882C1H7R2WA01# #0.25pF GRM1882C1H7R3WA01# #0.25pF GRM1882C1H7R3WA01# #0.5pF GRM1882C1H7R3WA01# #0.5pF GRM1882C1H7R3WA01# #0.5pF GRM1882C1H7R3WA01# #0.5pF GRM1882C1H7R3DA01# #0.5pF GRM1882C1H7R3DA01# #0.5pF GRM1882C1H7R3DA01# #0.5pF GRM1882C1H7R3DA01# #0.5pF GRM1882C1H7R3DA01# #0.5pF GRM1882C1H7R4WA01# #0.5pF GRM1882C1H7R4WA01# #0.5pF GRM1882C1H7R4WA01# #0.5pF GRM1882C1H7R4WA01# #0.5pF GRM1882C1H7R4WA01# #0.5pF GRM1882C1H7R4DA01# #0.5pF GRM1882C1H7R4DA01# #0.5pF GRM1882C1H7R4DA01# #0.5pF GRM1882C1H7R5WA01# #0.5pF GRM1882C1H7R5BA01# | | | | | ±0.5pF | GRM1882C1H6R7DA01# |
| # ±0.25pF GRM1882C1H6R8CA01# # ±0.5pF GRM1882C1H6R9WA01# # ±0.25pF GRM1882C1H6R9WA01# # ±0.25pF GRM1882C1H6R9CA01# # ±0.5pF GRM1882C1H6R9DA01# # ±0.5pF GRM1882C1H7R0WA01# # ±0.25pF GRM1882C1H7R0WA01# # ±0.5pF GRM1882C1H7R0WA01# # ±0.5pF GRM1882C1H7R0CA01# # ±0.5pF GRM1882C1H7R0CA01# # ±0.5pF GRM1882C1H7R1WA01# # ±0.1pF GRM1882C1H7R1WA01# # ±0.5pF GRM1882C1H7R1DA01# # ±0.5pF GRM1882C1H7R1DA01# # ±0.5pF GRM1882C1H7R1DA01# # ±0.5pF GRM1882C1H7R2WA01# # ±0.5pF GRM1882C1H7R2CA01# # ±0.5pF GRM1882C1H7R2CA01# # ±0.5pF GRM1882C1H7R3WA01# # ±0.5pF GRM1882C1H7R3WA01# # ±0.5pF GRM1882C1H7R3WA01# # ±0.5pF GRM1882C1H7R3WA01# # ±0.5pF GRM1882C1H7R3DA01# # ±0.5pF GRM1882C1H7R4WA01# # ±0.5pF GRM1882C1H7R4WA01# # ±0.5pF GRM1882C1H7R4WA01# # ±0.5pF GRM1882C1H7R4DA01# # ±0.5pF GRM1882C1H7R5BA01# | | | 6.8pF | ±0.05pF | GRM1882C1H6R8WA01# |
| #0.5pF GRM1882C1H6R8DA01# #0.1pF GRM1882C1H6R9BA01# #0.25pF GRM1882C1H6R9CA01# #0.25pF GRM1882C1H6R9CA01# #0.5pF GRM1882C1H6R9DA01# #0.1pF GRM1882C1H7R0WA01# #0.1pF GRM1882C1H7R0BA01# #0.25pF GRM1882C1H7R0CA01# #0.5pF GRM1882C1H7R0DA01# #0.5pF GRM1882C1H7R0DA01# #0.5pF GRM1882C1H7R1WA01# #0.1pF GRM1882C1H7R1BA01# #0.5pF GRM1882C1H7R1DA01# #0.5pF GRM1882C1H7R1DA01# #0.5pF GRM1882C1H7R2WA01# #0.1pF GRM1882C1H7R2WA01# #0.5pF GRM1882C1H7R2WA01# #0.5pF GRM1882C1H7R2WA01# #0.5pF GRM1882C1H7R2DA01# #0.5pF GRM1882C1H7R3DA01# #0.5pF GRM1882C1H7R4WA01# #0.5pF GRM1882C1H7R4WA01# #0.5pF GRM1882C1H7R4DA01# | | | | | ±0.1pF | GRM1882C1H6R8BA01# |
| 6.9pF | | | | | ±0.25pF | GRM1882C1H6R8CA01# |
| #0.1pF GRM1882C1H6R9BA01# #0.25pF GRM1882C1H6R9CA01# #0.5pF GRM1882C1H7R0WA01# #0.1pF GRM1882C1H7R0WA01# #0.25pF GRM1882C1H7R0BA01# #0.25pF GRM1882C1H7R0CA01# #0.5pF GRM1882C1H7R0DA01# #0.5pF GRM1882C1H7R1WA01# #0.1pF GRM1882C1H7R1WA01# #0.25pF GRM1882C1H7R1DA01# #0.5pF GRM1882C1H7R1DA01# #0.5pF GRM1882C1H7R1DA01# #0.5pF GRM1882C1H7R2WA01# #0.5pF GRM1882C1H7R2WA01# #0.1pF GRM1882C1H7R2WA01# #0.25pF GRM1882C1H7R2DA01# #0.5pF GRM1882C1H7R2DA01# #0.5pF GRM1882C1H7R3DA01# #0.5pF GRM1882C1H7R3DA01# #0.5pF GRM1882C1H7R3DA01# #0.5pF GRM1882C1H7R3DA01# #0.5pF GRM1882C1H7R3DA01# #0.5pF GRM1882C1H7R3DA01# #0.5pF GRM1882C1H7R4WA01# #0.5pF GRM1882C1H7R4WA01# #0.5pF GRM1882C1H7R4WA01# #0.5pF GRM1882C1H7R4DA01# #0.5pF GRM1882C1H7R4DA01# #0.5pF GRM1882C1H7R4DA01# #0.5pF GRM1882C1H7R4DA01# #0.5pF GRM1882C1H7R4DA01# #0.5pF GRM1882C1H7R5WA01# | | | | | ±0.5pF | GRM1882C1H6R8DA01# |
| # ±0.25pF GRM1882C1H6R9CA01# ±0.5pF GRM1882C1H7R0WA01# ±0.1pF GRM1882C1H7R0DA01# ±0.25pF GRM1882C1H7R0DA01# ±0.5pF GRM1882C1H7R0DA01# ±0.5pF GRM1882C1H7R0DA01# ±0.1pF GRM1882C1H7R1WA01# ±0.25pF GRM1882C1H7R1DA01# ±0.25pF GRM1882C1H7R1DA01# ±0.5pF GRM1882C1H7R1DA01# ±0.5pF GRM1882C1H7R2WA01# ±0.5pF GRM1882C1H7R2WA01# ±0.1pF GRM1882C1H7R2DA01# ±0.25pF GRM1882C1H7R2DA01# ±0.5pF GRM1882C1H7R3WA01# ±0.5pF GRM1882C1H7R3WA01# ±0.1pF GRM1882C1H7R3DA01# ±0.5pF GRM1882C1H7R3DA01# ±0.5pF GRM1882C1H7R3DA01# ±0.5pF GRM1882C1H7R3DA01# ±0.5pF GRM1882C1H7R4WA01# ±0.5pF GRM1882C1H7R4WA01# ±0.5pF GRM1882C1H7R4WA01# ±0.5pF GRM1882C1H7R4DA01# ±0.5pF GRM1882C1H7R5WA01# | | | | 6.9pF | ±0.05pF | GRM1882C1H6R9WA01# |
| #0.5pF GRM1882C1H7R0WA01# #0.1pF GRM1882C1H7R0WA01# #0.25pF GRM1882C1H7R0CA01# #0.5pF GRM1882C1H7R0DA01# #0.5pF GRM1882C1H7R0DA01# #0.1pF GRM1882C1H7R1WA01# #0.1pF GRM1882C1H7R1BA01# #0.25pF GRM1882C1H7R1DA01# #0.5pF GRM1882C1H7R1DA01# #0.5pF GRM1882C1H7R1DA01# #0.1pF GRM1882C1H7R2WA01# #0.1pF GRM1882C1H7R2WA01# #0.5pF GRM1882C1H7R2DA01# #0.5pF GRM1882C1H7R2DA01# #0.5pF GRM1882C1H7R3WA01# #0.5pF GRM1882C1H7R3WA01# #0.1pF GRM1882C1H7R3WA01# #0.5pF GRM1882C1H7R3DA01# #0.5pF GRM1882C1H7R3DA01# #0.5pF GRM1882C1H7R3DA01# #0.5pF GRM1882C1H7R4WA01# #0.5pF GRM1882C1H7R4WA01# #0.5pF GRM1882C1H7R4WA01# #0.5pF GRM1882C1H7R4WA01# #0.5pF GRM1882C1H7R4DA01# #0.5pF GRM1882C1H7R4DA01# #0.5pF GRM1882C1H7R4DA01# #0.5pF GRM1882C1H7R5WA01# #0.5pF GRM1882C1H7R5WA01# #0.5pF GRM1882C1H7R5WA01# #0.5pF GRM1882C1H7R5WA01# #0.5pF GRM1882C1H7R5WA01# | | | | | ±0.1pF | GRM1882C1H6R9BA01# |
| #0.5pF GRM1882C1H7R0WA01# #0.1pF GRM1882C1H7R0WA01# #0.25pF GRM1882C1H7R0CA01# #0.5pF GRM1882C1H7R0DA01# #0.5pF GRM1882C1H7R0DA01# #0.1pF GRM1882C1H7R1WA01# #0.1pF GRM1882C1H7R1BA01# #0.25pF GRM1882C1H7R1DA01# #0.5pF GRM1882C1H7R1DA01# #0.5pF GRM1882C1H7R1DA01# #0.1pF GRM1882C1H7R2WA01# #0.1pF GRM1882C1H7R2WA01# #0.5pF GRM1882C1H7R2DA01# #0.5pF GRM1882C1H7R2DA01# #0.5pF GRM1882C1H7R3WA01# #0.5pF GRM1882C1H7R3WA01# #0.1pF GRM1882C1H7R3WA01# #0.5pF GRM1882C1H7R3DA01# #0.5pF GRM1882C1H7R3DA01# #0.5pF GRM1882C1H7R3DA01# #0.5pF GRM1882C1H7R4WA01# #0.5pF GRM1882C1H7R4WA01# #0.5pF GRM1882C1H7R4WA01# #0.5pF GRM1882C1H7R4WA01# #0.5pF GRM1882C1H7R4DA01# #0.5pF GRM1882C1H7R4DA01# #0.5pF GRM1882C1H7R4DA01# #0.5pF GRM1882C1H7R5WA01# #0.5pF GRM1882C1H7R5WA01# #0.5pF GRM1882C1H7R5WA01# #0.5pF GRM1882C1H7R5WA01# #0.5pF GRM1882C1H7R5WA01# | | | | | ±0.25pF | GRM1882C1H6R9CA01# |
| 7.0pF ±0.05pF GRM1882C1H7R0WA01# ±0.1pF GRM1882C1H7R0BA01# ±0.25pF GRM1882C1H7R0DA01# ±0.5pF GRM1882C1H7R1WA01# ±0.1pF GRM1882C1H7R1WA01# ±0.25pF GRM1882C1H7R1DA01# ±0.5pF GRM1882C1H7R1DA01# ±0.5pF GRM1882C1H7R2WA01# ±0.1pF GRM1882C1H7R2WA01# ±0.5pF GRM1882C1H7R2DA01# ±0.5pF GRM1882C1H7R2DA01# ±0.5pF GRM1882C1H7R2DA01# ±0.5pF GRM1882C1H7R3WA01# ±0.1pF GRM1882C1H7R3BA01# ±0.25pF GRM1882C1H7R3BA01# ±0.5pF GRM1882C1H7R3DA01# ±0.5pF GRM1882C1H7R3DA01# ±0.5pF GRM1882C1H7R3DA01# ±0.5pF GRM1882C1H7R3DA01# ±0.5pF GRM1882C1H7R4WA01# ±0.5pF GRM1882C1H7R4WA01# ±0.5pF GRM1882C1H7R4DA01# ±0.5pF GRM1882C1H7R4DA01# ±0.5pF GRM1882C1H7R4DA01# ±0.5pF GRM1882C1H7R4DA01# ±0.5pF GRM1882C1H7R4DA01# ±0.5pF GRM1882C1H7R4DA01# ±0.5pF GRM1882C1H7R5WA01# ±0.5pF GRM1882C1H7R5WA01# ±0.1pF GRM1882C1H7R5WA01# | | | | | - | |
| #0.1pF GRM1882C1H7R0BA01# #0.25pF GRM1882C1H7R0CA01# #0.5pF GRM1882C1H7R0DA01# 7.1pF #0.05pF GRM1882C1H7R1WA01# #0.1pF GRM1882C1H7R1BA01# #0.25pF GRM1882C1H7R1DA01# #0.5pF GRM1882C1H7R1DA01# 7.2pF #0.05pF GRM1882C1H7R2WA01# #0.1pF GRM1882C1H7R2WA01# #0.5pF GRM1882C1H7R2DA01# #0.5pF GRM1882C1H7R2DA01# 7.3pF #0.05pF GRM1882C1H7R3WA01# #0.1pF GRM1882C1H7R3WA01# #0.1pF GRM1882C1H7R3DA01# #0.5pF GRM1882C1H7R3DA01# 7.4pF #0.05pF GRM1882C1H7R3DA01# #0.5pF GRM1882C1H7R4WA01# #0.1pF GRM1882C1H7R4WA01# #0.5pF GRM1882C1H7R4DA01# #0.5pF GRM1882C1H7R4DA01# #0.5pF GRM1882C1H7R4DA01# #0.5pF GRM1882C1H7R4DA01# #0.5pF GRM1882C1H7R4DA01# #0.5pF GRM1882C1H7R5WA01# #0.5pF GRM1882C1H7R5WA01# #0.5pF GRM1882C1H7R5WA01# #0.1pF GRM1882C1H7R5WA01# | | | | 7 0pF | | GRM1882C1H7R0WA01# |
| # ±0.25pF GRM1882C1H7R0CA01# # ±0.5pF GRM1882C1H7R1WA01# # ±0.1pF GRM1882C1H7R1DA01# # ±0.25pF GRM1882C1H7R1DA01# # ±0.25pF GRM1882C1H7R1DA01# # ±0.5pF GRM1882C1H7R2WA01# # ±0.1pF GRM1882C1H7R2WA01# # ±0.25pF GRM1882C1H7R2DA01# # ±0.25pF GRM1882C1H7R2DA01# # ±0.5pF GRM1882C1H7R3WA01# # ±0.1pF GRM1882C1H7R3WA01# # ±0.1pF GRM1882C1H7R3DA01# # ±0.25pF GRM1882C1H7R3DA01# # ±0.25pF GRM1882C1H7R3DA01# # ±0.5pF GRM1882C1H7R3DA01# # ±0.5pF GRM1882C1H7R3DA01# # ±0.5pF GRM1882C1H7R4WA01# # ±0.1pF GRM1882C1H7R4WA01# # ±0.5pF GRM1882C1H7R4DA01# # ±0.5pF GRM1882C1H7R5WA01# # ±0.5pF GRM1882C1H7R5WA01# # ±0.1pF GRM1882C1H7R5WA01# # ±0.1pF GRM1882C1H7R5WA01# | | | | 7.00. | | |
| #0.5pF GRM1882C1H7R0DA01# 7.1pF | | | | | - | |
| 7.1pF ±0.05pF GRM1882C1H7R1WA01# ±0.1pF GRM1882C1H7R1BA01# ±0.25pF GRM1882C1H7R1DA01# ±0.5pF GRM1882C1H7R1DA01# 7.2pF ±0.05pF GRM1882C1H7R2WA01# ±0.1pF GRM1882C1H7R2BA01# ±0.25pF GRM1882C1H7R2CA01# ±0.5pF GRM1882C1H7R2DA01# 7.3pF ±0.05pF GRM1882C1H7R3WA01# ±0.1pF GRM1882C1H7R3BA01# ±0.25pF GRM1882C1H7R3DA01# ±0.5pF GRM1882C1H7R3DA01# ±0.5pF GRM1882C1H7R3DA01# ±0.5pF GRM1882C1H7R4WA01# ±0.5pF GRM1882C1H7R4WA01# ±0.1pF GRM1882C1H7R4DA01# ±0.5pF GRM1882C1H7R4DA01# ±0.5pF GRM1882C1H7R4DA01# ±0.5pF GRM1882C1H7R4DA01# ±0.5pF GRM1882C1H7R5WA01# ±0.5pF GRM1882C1H7R5WA01# ±0.1pF GRM1882C1H7R5WA01# | | | | | | |
| #0.1pF GRM1882C1H7R1BA01# #0.25pF GRM1882C1H7R1DA01# #0.5pF GRM1882C1H7R1DA01# 7.2pF #0.05pF GRM1882C1H7R2WA01# #0.1pF GRM1882C1H7R2BA01# #0.25pF GRM1882C1H7R2DA01# #0.5pF GRM1882C1H7R2DA01# 7.3pF #0.05pF GRM1882C1H7R3WA01# #0.1pF GRM1882C1H7R3BA01# #0.25pF GRM1882C1H7R3DA01# #0.5pF GRM1882C1H7R3DA01# #0.5pF GRM1882C1H7R3DA01# #0.5pF GRM1882C1H7R4WA01# #0.1pF GRM1882C1H7R4WA01# #0.25pF GRM1882C1H7R4DA01# #0.5pF GRM1882C1H7R4DA01# #0.5pF GRM1882C1H7R4DA01# #0.5pF GRM1882C1H7R4DA01# #0.5pF GRM1882C1H7R5WA01# #0.5pF GRM1882C1H7R5WA01# #0.1pF GRM1882C1H7R5WA01# #0.1pF GRM1882C1H7R5WA01# | | | | 7155 | | |
| #0.25pF GRM1882C1H7R1CA01# #0.5pF GRM1882C1H7R1DA01# 7.2pF #0.05pF GRM1882C1H7R2WA01# #0.1pF GRM1882C1H7R2BA01# #0.25pF GRM1882C1H7R2CA01# #0.5pF GRM1882C1H7R2DA01# 7.3pF #0.05pF GRM1882C1H7R3WA01# #0.1pF GRM1882C1H7R3BA01# #0.25pF GRM1882C1H7R3CA01# #0.5pF GRM1882C1H7R3DA01# 7.4pF #0.05pF GRM1882C1H7R3DA01# 7.4pF #0.05pF GRM1882C1H7R4WA01# #0.1pF GRM1882C1H7R4WA01# #0.5pF GRM1882C1H7R4CA01# #0.5pF GRM1882C1H7R4CA01# #0.5pF GRM1882C1H7R4DA01# 7.5pF #0.05pF GRM1882C1H7R5WA01# #0.1pF GRM1882C1H7R5WA01# #0.1pF GRM1882C1H7R5WA01# | | | | 7.1pF | - | |
| #0.5pF GRM1882C1H7R1DA01# 7.2pF | | | | | - | |
| 7.2pF ±0.05pF GRM1882C1H7R2WA01# | | | | | - | |
| ±0.1pF GRM1882C1H7R2BA01# ±0.25pF GRM1882C1H7R2CA01# ±0.5pF GRM1882C1H7R2DA01# 7.3pF ±0.05pF GRM1882C1H7R3WA01# ±0.1pF GRM1882C1H7R3BA01# ±0.25pF GRM1882C1H7R3CA01# ±0.5pF GRM1882C1H7R3DA01# 7.4pF ±0.05pF GRM1882C1H7R4WA01# ±0.1pF GRM1882C1H7R4BA01# ±0.25pF GRM1882C1H7R4CA01# ±0.5pF GRM1882C1H7R4CA01# ±0.5pF GRM1882C1H7R4DA01# 7.5pF ±0.05pF GRM1882C1H7R5WA01# ±0.1pF GRM1882C1H7R5WA01# | | | | | ±0.5pF | |
| ±0.25pF GRM1882C1H7R2CA01# ±0.5pF GRM1882C1H7R2DA01# 7.3pF ±0.05pF GRM1882C1H7R3WA01# ±0.1pF GRM1882C1H7R3BA01# ±0.25pF GRM1882C1H7R3CA01# ±0.5pF GRM1882C1H7R3DA01# 7.4pF ±0.05pF GRM1882C1H7R4WA01# ±0.1pF GRM1882C1H7R4BA01# ±0.25pF GRM1882C1H7R4CA01# ±0.5pF GRM1882C1H7R4CA01# ±0.5pF GRM1882C1H7R4DA01# 7.5pF ±0.05pF GRM1882C1H7R5WA01# ±0.1pF GRM1882C1H7R5WA01# | | | | 7.2pF | ±0.05pF | GRM1882C1H7R2WA01# |
| #0.5pF GRM1882C1H7R2DA01# 7.3pF ±0.05pF GRM1882C1H7R3WA01# ±0.1pF GRM1882C1H7R3BA01# ±0.25pF GRM1882C1H7R3CA01# ±0.5pF GRM1882C1H7R3DA01# #0.5pF GRM1882C1H7R4WA01# ±0.1pF GRM1882C1H7R4BA01# ±0.25pF GRM1882C1H7R4CA01# ±0.5pF GRM1882C1H7R4DA01# ** ** ** ** ** ** ** ** ** | | | | | ±0.1pF | GRM1882C1H7R2BA01# |
| 7.3pF ±0.05pF GRM1882C1H7R3WA01# ±0.1pF GRM1882C1H7R3BA01# ±0.25pF GRM1882C1H7R3CA01# ±0.5pF GRM1882C1H7R3DA01# 7.4pF ±0.05pF GRM1882C1H7R4WA01# ±0.1pF GRM1882C1H7R4BA01# ±0.25pF GRM1882C1H7R4CA01# ±0.5pF GRM1882C1H7R4DA01# 7.5pF ±0.05pF GRM1882C1H7R5WA01# ±0.1pF GRM1882C1H7R5WA01# | | | | | ±0.25pF | GRM1882C1H7R2CA01# |
| ±0.1pF GRM1882C1H7R3BA01# ±0.25pF GRM1882C1H7R3CA01# ±0.5pF GRM1882C1H7R3DA01# 7.4pF ±0.05pF GRM1882C1H7R4WA01# ±0.1pF GRM1882C1H7R4BA01# ±0.25pF GRM1882C1H7R4CA01# ±0.5pF GRM1882C1H7R4DA01# 7.5pF ±0.05pF GRM1882C1H7R5WA01# ±0.1pF GRM1882C1H7R5WA01# | | | | | ±0.5pF | GRM1882C1H7R2DA01# |
| ±0.25pF GRM1882C1H7R3CA01# ±0.5pF GRM1882C1H7R3DA01# 7.4pF ±0.05pF GRM1882C1H7R4WA01# ±0.1pF GRM1882C1H7R4BA01# ±0.25pF GRM1882C1H7R4CA01# ±0.5pF GRM1882C1H7R4DA01# 7.5pF ±0.05pF GRM1882C1H7R5WA01# ±0.1pF GRM1882C1H7R5BA01# | | | | 7.3pF | ±0.05pF | GRM1882C1H7R3WA01# |
| #0.5pF GRM1882C1H7R3DA01# 7.4pF #0.05pF GRM1882C1H7R4WA01# #0.1pF GRM1882C1H7R4BA01# #0.25pF GRM1882C1H7R4CA01# #0.5pF GRM1882C1H7R4DA01# 7.5pF #0.05pF GRM1882C1H7R5WA01# #0.1pF GRM1882C1H7R5BA01# | | | | | ±0.1pF | GRM1882C1H7R3BA01# |
| 7.4pF ±0.05pF GRM1882C1H7R4WA01# ±0.1pF GRM1882C1H7R4BA01# ±0.25pF GRM1882C1H7R4CA01# ±0.5pF GRM1882C1H7R4DA01# 7.5pF ±0.05pF GRM1882C1H7R5WA01# ±0.1pF GRM1882C1H7R5BA01# | | | | | ±0.25pF | GRM1882C1H7R3CA01# |
| ±0.1pF GRM1882C1H7R4BA01# ±0.25pF GRM1882C1H7R4CA01# ±0.5pF GRM1882C1H7R4DA01# 7.5pF ±0.05pF GRM1882C1H7R5WA01# ±0.1pF GRM1882C1H7R5BA01# | | | | | ±0.5pF | GRM1882C1H7R3DA01# |
| ±0.1pF GRM1882C1H7R4BA01# ±0.25pF GRM1882C1H7R4CA01# ±0.5pF GRM1882C1H7R4DA01# 7.5pF ±0.05pF GRM1882C1H7R5WA01# ±0.1pF GRM1882C1H7R5BA01# | | | | 7.4pF | ±0.05pF | GRM1882C1H7R4WA01# |
| ±0.25pF GRM1882C1H7R4CA01# ±0.5pF GRM1882C1H7R4DA01# 7.5pF ±0.05pF GRM1882C1H7R5WA01# ±0.1pF GRM1882C1H7R5BA01# | | | | • | - | |
| ±0.5pF GRM1882C1H7R4DA01# 7.5pF ±0.05pF GRM1882C1H7R5WA01# ±0.1pF GRM1882C1H7R5BA01# | | | | | - | |
| 7.5pF ±0.05pF GRM1882C1H7R5WA01# ±0.1pF GRM1882C1H7R5BA01# | | | | | - | |
| ±0.1pF GRM1882C1H7R5BA01# | | | | 7 5nF | - | |
| | | | | r.opr | - | |
| ±0.25pF GHM1882C1H7H5CA01# | | | | | - | |
| | | | | | ±0.25pF | GRM1882C1H7R5CA01# |

| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number | |
|-----------|------------------|------------|-------|---------|--|------|
| 0.9mm | 50Vdc | СН | 7.5pF | ±0.5pF | GRM1882C1H7R5DA01# | |
| | | | 7.6pF | ±0.05pF | GRM1882C1H7R6WA01# | |
| | | | | ±0.1pF | GRM1882C1H7R6BA01# | |
| | | | | ±0.25pF | GRM1882C1H7R6CA01# | |
| | | | | ±0.5pF | GRM1882C1H7R6DA01# | |
| | | | 7.7pF | ±0.05pF | GRM1882C1H7R7WA01# | |
| | | | | ±0.1pF | GRM1882C1H7R7BA01# | |
| | | | | ±0.25pF | GRM1882C1H7R7CA01# | |
| | | | | ±0.5pF | GRM1882C1H7R7DA01# | |
| | | | 7.8pF | ±0.05pF | GRM1882C1H7R8WA01# | |
| | | | | ±0.1pF | GRM1882C1H7R8BA01# | |
| | | | | ±0.25pF | GRM1882C1H7R8CA01# | |
| | | | | ±0.5pF | GRM1882C1H7R8DA01# | |
| | | | 7.9pF | ±0.05pF | GRM1882C1H7R9WA01# | |
| | | | | ±0.1pF | GRM1882C1H7R9BA01# | |
| | | | | ±0.25pF | GRM1882C1H7R9CA01# | |
| | | | | ±0.5pF | GRM1882C1H7R9DA01# | |
| | | | 8.0pF | ±0.05pF | GRM1882C1H8R0WA01# | |
| | | | | ±0.1pF | GRM1882C1H8R0BA01# | |
| | | | | ±0.25pF | GRM1882C1H8R0CA01# | |
| | | | | ±0.5pF | GRM1882C1H8R0DA01# | |
| | | | 8.1pF | ±0.05pF | GRM1882C1H8R1WA01# | |
| | | | | ±0.1pF | GRM1882C1H8R1BA01# | |
| | | | | ±0.25pF | GRM1882C1H8R1CA01# | |
| | | | | ±0.5pF | GRM1882C1H8R1DA01# | |
| | | | 8.2pF | ±0.05pF | GRM1882C1H8R2WA01# | |
| | | | | ±0.1pF | GRM1882C1H8R2BA01# | |
| | | | | ±0.25pF | GRM1882C1H8R2CA01# | |
| | | | | ±0.5pF | GRM1882C1H8R2DA01# | |
| | | | 8.3pF | ±0.05pF | GRM1882C1H8R3WA01# | |
| | | | | ±0.1pF | GRM1882C1H8R3BA01# | |
| | | | | ±0.25pF | GRM1882C1H8R3CA01# | |
| | | | | ±0.5pF | GRM1882C1H8R3DA01# | |
| | | | 8.4pF | ±0.05pF | GRM1882C1H8R4WA01# | |
| | | | | ±0.1pF | GRM1882C1H8R4BA01# | |
| | | | | ±0.25pF | GRM1882C1H8R4CA01# | |
| | | | | ±0.5pF | GRM1882C1H8R4DA01# | |
| | | | 8.5pF | ±0.05pF | GRM1882C1H8R5WA01# | |
| | | | | ±0.1pF | GRM1882C1H8R5BA01# | |
| | | | | ±0.25pF | GRM1882C1H8R5CA01# | |
| | | | | ±0.5pF | GRM1882C1H8R5DA01# | |
| | | | 8.6pF | ±0.05pF | GRM1882C1H8R6WA01# | |
| | | | | ±0.1pF | GRM1882C1H8R6BA01# | |
| | | | | ±0.25pF | GRM1882C1H8R6CA01# | |
| | | | | ±0.5pF | GRM1882C1H8R6DA01# | |
| | | | 8.7pF | ±0.05pF | GRM1882C1H8R7WA01# | |
| | | | | ±0.1pF | GRM1882C1H8R7BA01# | |
| | | | | ±0.25pF | GRM1882C1H8R7CA01# | |
| | | | | ±0.5pF | GRM1882C1H8R7DA01# | |
| | | | 8.8pF | ±0.05pF | GRM1882C1H8R8WA01# | |
| | | | | ±0.1pF | GRM1882C1H8R8BA01# | |
| | | | | ±0.25pF | GRM1882C1H8R8CA01# | |
| | | | 00- | ±0.5pF | GRM1882C1H8R8DA01# | |
| | | | 8.9pF | ±0.05pF | GRM1882C1H8R9WA01# cates the package specification | code |

T max.

0.9mm

(→ **■** 1.6×0.8mm)

| Tol. Part Number | (→ ■ 1 | 18.0×0. | mm) | | | |
|--|--------|---------|-----|-------|---------|--------------------|
| #0.25pF GRM1882C1H8R9CA01# #0.5pF GRM1882C1H9R0BA01# #0.25pF GRM1882C1H9R0BA01# #0.25pF GRM1882C1H9R0BA01# #0.25pF GRM1882C1H9R0BA01# #0.25pF GRM1882C1H9R0BA01# #0.25pF GRM1882C1H9R1BA01# #0.25pF GRM1882C1H9R1BA01# #0.25pF GRM1882C1H9R1BA01# #0.25pF GRM1882C1H9R1BA01# #0.25pF GRM1882C1H9R1BA01# #0.25pF GRM1882C1H9R2WA01# #0.25pF GRM1882C1H9R2WA01# #0.25pF GRM1882C1H9R2WA01# #0.25pF GRM1882C1H9R3WA01# #0.25pF GRM1882C1H9R4WA01# #0.25pF GRM1882C1H9R4WA01# #0.5pF GRM1882C1H9R4WA01# #0.5pF GRM1882C1H9R4WA01# #0.25pF GRM1882C1H9R5WA01# #0.25pF GRM182C1H9R5WA01# #0.25pF GRM1882C1H9R5WA01# #0.25pF GRM1882C1H9R5WA01 | | | | Сар. | Tol. | Part Number |
| ### ### ### ### ### ### ### ### ### ## | 0.9mm | 50Vdc | СН | 8.9pF | ±0.1pF | GRM1882C1H8R9BA01# |
| 9.0pF ±0.0pF GRM1882C1H9R0WA01# ±0.25pF GRM1882C1H9R0BA01# ±0.25pF GRM1882C1H9R1BA01# ±0.0pF GRM1882C1H9R1BA01# ±0.0pF GRM1882C1H9R1BA01# ±0.0pF GRM1882C1H9R1BA01# ±0.0pF GRM1882C1H9R1BA01# ±0.0pF GRM1882C1H9R1BA01# ±0.0pp GRM1882C1H9R2BA01# ±0.0pp GRM1882C1H9R2BA01# ±0.0pp GRM1882C1H9R2BA01# ±0.0pp GRM1882C1H9R2BA01# ±0.0pp GRM1882C1H9R2BA01# ±0.0pp GRM1882C1H9R3BA01# ±0.0pp GRM1882C1H9R4BA01# ±0.0pp GRM1882C1H9R4BA01# ±0.0pp GRM1882C1H9R4BA01# ±0.0pp GRM1882C1H9R5BA01# ±0.0pp GRM1882C1H9R5BA01# ±0.0pp GRM1882C1H9R5BA01# ±0.0pp GRM1882C1H9R5BA01# ±0.0pp GRM1882C1H9R5BA01# ±0.0pp GRM1882C1H9R6BA01# ±0.0pp GRM1882C1H9R0BA01# ±0.0pp GRM | | | | | ±0.25pF | GRM1882C1H8R9CA01# |
| #0.1pF GRM1882C1H9R0DA01# ±0.25pF GRM1882C1H9R1WA01# ±0.1pF GRM1882C1H9R1WA01# ±0.25pF GRM1882C1H9R1WA01# ±0.25pF GRM1882C1H9R1WA01# ±0.25pF GRM1882C1H9R1DA01# ±0.25pF GRM1882C1H9R2WA01# ±0.25pF GRM1882C1H9R2WA01# ±0.25pF GRM1882C1H9R2WA01# ±0.25pF GRM1882C1H9R2DA01# ±0.25pF GRM1882C1H9R2DA01# ±0.25pF GRM1882C1H9R3DA01# ±0.25pF GRM1882C1H9R3DA01# ±0.25pF GRM1882C1H9R3DA01# ±0.25pF GRM1882C1H9R3DA01# ±0.25pF GRM1882C1H9R3DA01# ±0.25pF GRM1882C1H9R3DA01# ±0.25pF GRM1882C1H9R4WA01# ±0.25pF GRM1882C1H9R4WA01# ±0.25pF GRM1882C1H9R4DA01# ±0.25pF GRM1882C1H9R5WA01# ±0.25pF GRM1882C1H9R7CA01# ±0.25pF GRM1882C1H9R7CA01# ±0.25pF GRM1882C1H9R7CA01# ±0.25pF GRM1882C1H9R5WA01# ±0.25pF GRM1882C1H9R5WA01# ±0.25pF GRM1882C1H9RDA01# | | | | ±0.5pF | GRM1882C1H8R9DA01# |
| #0.25pF GRM1882C1H9R0DA01# #0.5pF GRM1882C1H9R1BA01# #0.5pF GRM1882C1H9R2DA01# #0.5pF GRM1882C1H9R3DA01# #0.5pF GRM1882C1H9R5DA01# #0.5pF GRM1882C1H | | | | 9.0pF | ±0.05pF | GRM1882C1H9R0WA01# |
| #0.5pF #0.05pF | | | | ±0.1pF | GRM1882C1H9R0BA01# |
| 9.1pF ±0.05pF GRM1882C1H9R1WA01# ±0.25pF GRM1882C1H9R1DA01# ±0.5pF GRM1882C1H9R2M01# ±0.5pF GRM1882C1H9R2M01# ±0.5pF GRM1882C1H9R2M01# ±0.5pF GRM1882C1H9R3WA01# ±0.5pF GRM1882C1H9R4WA01# ±0.5pF GRM1882C1H9R4WA01# ±0.5pF GRM1882C1H9R4WA01# ±0.5pF GRM1882C1H9R4WA01# ±0.5pF GRM1882C1H9R5WA01# ±0.5pF GRM1882C1H5DA01# GRM1882C1H5DA01# GRM1882C1H5DA01# GRM1882C1H5DA01# GRM1882C1H5DA01# GRM1882C1H5DA01# GRM1882C1H5DA01# GRM1882C1H5DA01# GRM1882C1H5DA01# GRM1882C1H5DA01# GRM1882C1H5DA01# GRM1882C1H5DA01# GRM1882C1H5DA01# GRM1882C1H5DA01# GRM1882C1H5DA01# GRM1882C1H5 | | | | | ±0.25pF | GRM1882C1H9R0CA01# |
| 9.1pF ±0.05pF GRM1882C1H9R1WA01# ±0.25pF GRM1882C1H9R1DA01# ±0.5pF GRM1882C1H9R2M01# ±0.5pF GRM1882C1H9R2M01# ±0.5pF GRM1882C1H9R2M01# ±0.5pF GRM1882C1H9R3WA01# ±0.5pF GRM1882C1H9R4WA01# ±0.5pF GRM1882C1H9R4WA01# ±0.5pF GRM1882C1H9R4WA01# ±0.5pF GRM1882C1H9R4WA01# ±0.5pF GRM1882C1H9R5WA01# ±0.5pF GRM1882C1H5DA01# GRM1882C1H5DA01# GRM1882C1H5DA01# GRM1882C1H5DA01# GRM1882C1H5DA01# GRM1882C1H5DA01# GRM1882C1H5DA01# GRM1882C1H5DA01# GRM1882C1H5DA01# GRM1882C1H5DA01# GRM1882C1H5DA01# GRM1882C1H5DA01# GRM1882C1H5DA01# GRM1882C1H5DA01# GRM1882C1H5DA01# GRM1882C1H5 | | | | | ±0.5pF | GRM1882C1H9R0DA01# |
| #0.1pF GRM1882C1H9R1BA01# #0.25pF GRM1882C1H9R2W001# #0.1pF GRM1882C1H9R2W001# #0.5pF GRM1882C1H9R2W001# #0.5pF GRM1882C1H9R2W001# #0.5pF GRM1882C1H9R2W001# #0.5pF GRM1882C1H9R3W001# #0.5pF GRM1882C1H9R4W001# #0.5pF GRM1882C1H9R5W001# #0.5pF GRM1882C1H9R8W001# #0.5pF GRM1882C1H9R9W001# #0.5pF GRM1882C1H30JA01# #0.5pF GRM1882C1H30JA01# #0.5pF GRM1882C1H30JA01# #0.5pF GRM1882C1H30JA01# #0.5pF GRM1882C1H30JA01# #0.5pF G | | | | 9.1pF | - | |
| #0.25pF GRM1882C1H9R1CA01# #0.5pF GRM1882C1H9R2WA01# #0.1pF GRM1882C1H9R2WA01# #0.25pF GRM1882C1H9R3WA01# #0.25pF GRM1882C1H9R3WA01# #0.5pF GRM1882C1H9R4WA01# #0.5pF GRM1882C1H9R4WA01# #0.5pF GRM1882C1H9R5WA01# #0.5pF GRM1882C1H9R6WA01# #0.5pF GRM1882C1H9R6WA01# #0.5pF GRM1882C1H9R6WA01# #0.5pF GRM1882C1H9R6WA01# #0.5pF GRM1882C1H9R6WA01# #0.5pF GRM1882C1H9R6WA01# #0.5pF GRM1882C1H9R7WA01# #0.5pF GRM1882C1H9R7WA01# #0.5pF GRM1882C1H9R7WA01# #0.5pF GRM1882C1H9R8WA01# #0.5pF GRM1882C1H9R9WA01# #0.5pF GRM1882C1H9R9DA01# #0.5pF GRM1882C1H30JA01# #0.5 | | | | | - | |
| #0.5pF GRM1882C1H9R1DA01# #0.25pF GRM1882C1H9R2WA01# #0.5pF GRM1882C1H9R3WA01# #0.5pF GRM1882C1H9R3WA01# #0.5pF GRM1882C1H9R3WA01# #0.5pF GRM1882C1H9R3WA01# #0.5pF GRM1882C1H9R3DA01# #0.5pF GRM1882C1H9R3DA01# #0.5pF GRM1882C1H9R3DA01# #0.5pF GRM1882C1H9R3DA01# #0.5pF GRM1882C1H9R4WA01# #0.5pF GRM1882C1H9R4WA01# #0.5pF GRM1882C1H9R4WA01# #0.5pF GRM1882C1H9R5WA01# #0.5pF GRM1882C1H9R6WA01# #0.5pF GRM1882C1H9R6WA01# #0.5pF GRM1882C1H9R6WA01# #0.5pF GRM1882C1H9R6WA01# #0.5pF GRM1882C1H9R6WA01# #0.5pF GRM1882C1H9R6WA01# #0.5pF GRM1882C1H9R7WA01# #0.5pF GRM1882C1H9R7WA01# #0.5pF GRM1882C1H9R7WA01# #0.5pF GRM1882C1H9R7WA01# #0.5pF GRM1882C1H9R8WA01# #0.5pF GRM1882C1H9R9WA01# #0.5pF GRM1882C1H30JA01# #0.5pF | | | | | | |
| 9.2pF ±0.05pF GRM1882C1H9R2WA01# ±0.1pF GRM1882C1H9R2DA01# ±0.5pF GRM1882C1H9R3WA01# ±0.25pF GRM1882C1H9R3WA01# ±0.25pF GRM1882C1H9R3WA01# ±0.25pF GRM1882C1H9R3WA01# ±0.25pF GRM1882C1H9R3WA01# ±0.5pF GRM1882C1H9R5WA01# ±0.5pF GRM1882C1H9R5WA01# ±0.5pF GRM1882C1H9R5WA01# ±0.5pF GRM1882C1H9R5WA01# ±0.5pF GRM1882C1H9R5WA01# ±0.5pF GRM1882C1H9R5WA01# ±0.5pF GRM1882C1H9R6WA01# ±0.5pF GRM1882C1H9R6WA01# ±0.5pF GRM1882C1H9R6WA01# ±0.5pF GRM1882C1H9R6WA01# ±0.5pF GRM1882C1H9R5WA01# ±0.5pF GRM1882C1H9R5WA01# ±0.5pF GRM1882C1H9R5WA01# ±0.5pF GRM1882C1H9R5WA01# ±0.5pF GRM1882C1H9R5WA01# ±0.5pF GRM1882C1H9R5WA01# ±0.5pF GRM1882C1H9R8WA01# ±0.5pF GRM1882C1H9R9WA01# ±0.5pF GRM1882C1H9R8WA01# ±0.5pF GRM1882C1H9R9WA01# ±0.5pF GRM1882C1H00JA01# ±0.5pF GRM1882C1H00JA01# ±0.5pF ±5% GRM1882C1H00JA01# ±0.5pF ±5% GRM1882C1H00JA01# ±0.5pF ±5% GRM1882C1H30JA01# ±0.5pF ±5% GR | | | | | - | |
| #0.1pF GRM1882C1H9R2BA01# | | | | 0.2nE | - | |
| #0.25pF GRM1882C1H9R2CA01# #0.5pF GRM1882C1H9R3WA01# #0.1pF GRM1882C1H9R3WA01# #0.25pF GRM1882C1H9R3WA01# #0.25pF GRM1882C1H9R3WA01# #0.25pF GRM1882C1H9R3WA01# #0.5pF GRM1882C1H9R3WA01# #0.25pF GRM1882C1H9R4WA01# #0.25pF GRM1882C1H9R4WA01# #0.5pF GRM1882C1H9R4WA01# #0.5pF GRM1882C1H9R5WA01# #0.5pF GRM1882C1H9R6WA01# #0.5pF GRM1882C1H9R6WA01# #0.5pF GRM1882C1H9R6WA01# #0.5pF GRM1882C1H9R6WA01# #0.5pF GRM1882C1H9R6WA01# #0.5pF GRM1882C1H9R6WA01# #0.5pF GRM1882C1H9R7WA01# #0.5pF GRM1882C1H9R7WA01# #0.5pF GRM1882C1H9R7WA01# #0.5pF GRM1882C1H9R8WA01# #0.5pF GRM1882C1H9R9WA01# #0.5pF GRM1882C1H9R9WA01# #0.5pF GRM1882C1H9R9BA01# #0.5pF GRM1882C1H9R9DA01# #0.5pF GRM1882C1H150JA01# #15pF ±5% GRM1882C1H150JA01# #15pF ±5% GRM1882C1H150JA01# #15pF ±5% GRM1882C1H150JA01# #15pF ±5% GRM1882C1H330JA01# #15pF ±5% GRM1882C1H30JA01# #15pF ±5% GRM1882C1H30JA01# #15pF ±5% GRM1882C1H30JA01# | | | | 9.2pr | - | |
| #0.5pF GRM1882C1H9R2DA01# 9.3pF ±0.05pF GRM1882C1H9R3WA01# ±0.1pF GRM1882C1H9R3BA01# ±0.25pF GRM1882C1H9R3DA01# ±0.5pF GRM1882C1H9R4WA01# ±0.1pF GRM1882C1H9R4WA01# ±0.1pF GRM1882C1H9R4WA01# ±0.25pF GRM1882C1H9R4DA01# ±0.5pF GRM1882C1H9R4DA01# ±0.5pF GRM1882C1H9R5BA01# ±0.1pF GRM1882C1H9R5BA01# ±0.25pF GRM1882C1H9R5DA01# ±0.05pF GRM1882C1H9R5DA01# ±0.05pF GRM1882C1H9R5DA01# ±0.05pF GRM1882C1H9R6WA01# ±0.1pF GRM1882C1H9R6WA01# ±0.25pF GRM1882C1H9R6WA01# ±0.25pF GRM1882C1H9R6WA01# ±0.5pF GRM1882C1H9R7WA01# ±0.1pF GRM1882C1H9R7WA01# ±0.25pF GRM1882C1H9R8WA01# ±0.5pF GRM1882C1H9R8WA01# ±0.5pF GRM1882C1H9R8WA01# ±0.5pF GRM1882C1H9R8BA01# ±0.5pF GRM1882C1H9R8BA01# ±0.5pF GRM1882C1H9RBA001# ±0.5pF GRM1882C1H9R9BA01# ±0.5pF GRM1882C1H9R9DA01# ±0.5pF GRM1882C1H30JA01# ±0.5pF ±5% GRM1882C1H30JA01# 33pF ±5% GRM1882C1H30JA01# 47pF ±5% GRM1882C1H30JA01# 56pF ±5% GRM1882C1H30JA01# 56pF ±5% GRM1882C1H30JA01# | | | | | · · | |
| 9.3pF ±0.05pF GRM1882C1H9R3WA01# ±0.25pF GRM1882C1H9R3DA01# ±0.5pF GRM1882C1H9R3DA01# ±0.5pF GRM1882C1H9R4WA01# ±0.1pF GRM1882C1H9R4WA01# ±0.25pF GRM1882C1H9R4WA01# ±0.5pF GRM1882C1H9R5WA01# ±0.5pF GRM1882C1H9R5WA01# ±0.5pF GRM1882C1H9R5WA01# ±0.5pF GRM1882C1H9R5DA01# ±0.5pF GRM1882C1H9R5DA01# ±0.5pF GRM1882C1H9R5DA01# ±0.5pF GRM1882C1H9R5DA01# ±0.5pF GRM1882C1H9R6DA01# ±0.5pF GRM1882C1H9R6DA01# ±0.5pF GRM1882C1H9R6DA01# ±0.5pF GRM1882C1H9R6DA01# ±0.5pF GRM1882C1H9R6DA01# ±0.5pF GRM1882C1H9R7WA01# ±0.5pF GRM1882C1H9R7WA01# ±0.5pF GRM1882C1H9R7WA01# ±0.5pF GRM1882C1H9R5DA01# ±0.5pF GRM1882C1H9R8WA01# ±0.5pF GRM1882C1H9R8WA01# ±0.5pF GRM1882C1H9R8WA01# ±0.5pF GRM1882C1H9R8DA01# ±0.5pF GRM1882C1H9R8DA01# ±0.5pF GRM1882C1H9R8DA01# ±0.5pF GRM1882C1H9R9DA01# ±0.5pF GRM1882C1H30JA01# ±0.5pF GRM182C1H30JA01# ±0.5pF GRM1882C1H30JA01# ±0.5pF GRM18 | | | | | - | |
| #0.1pF GRM1882C1H9R3BA01# ±0.25pF GRM1882C1H9R4WA01# ±0.5pF GRM1882C1H9R4WA01# ±0.5pF GRM1882C1H9R4WA01# ±0.5pF GRM1882C1H9R4WA01# ±0.5pF GRM1882C1H9R5WA01# ±0.5pF GRM1882C1H9R5WA01# ±0.5pF GRM1882C1H9R5WA01# ±0.5pF GRM1882C1H9R5WA01# ±0.5pF GRM1882C1H9R5WA01# ±0.5pF GRM1882C1H9R5WA01# ±0.5pF GRM1882C1H9R6WA01# ±0.5pF GRM1882C1H9R6WA01# ±0.5pF GRM1882C1H9R6WA01# ±0.5pF GRM1882C1H9R6WA01# ±0.5pF GRM1882C1H9R6WA01# ±0.5pF GRM1882C1H9R7WA01# ±0.5pF GRM1882C1H9R7WA01# ±0.5pF GRM1882C1H9R7WA01# ±0.5pF GRM1882C1H9R7WA01# ±0.5pF GRM1882C1H9R8WA01# ±0.5pF GRM1882C1H9R8WA01# ±0.5pF GRM1882C1H9R8WA01# ±0.5pF GRM1882C1H9R8WA01# ±0.5pF GRM1882C1H9R8WA01# ±0.5pF GRM1882C1H9R8WA01# ±0.5pF GRM1882C1H9R9WA01# ±0.5pF GRM1882C1H30JA01# ±0.5pF ±5% GRM1882C1H30JA01# ±0.5pF ±5% GRM1882C1H30JA01# ±0.5pF ±5% GRM1882C1H30JA01# ±0.5pF ±5% GRM1882C1H30JA01# ±5% GRM1882C1H30JA01# ±5% GRM1882C1H30JA01# ±5% GRM1882C1H30JA01# ±5% GRM1882C1H30JA01# ±5% GRM1882C1H50JA01# ±5% | | | | | | |
| #0.25pF GRM1882C1H9R3CA01# #0.5pF GRM1882C1H9R3DA01# #0.5pF GRM1882C1H9R4WA01# #0.1pF GRM1882C1H9R4BA01# #0.25pF GRM1882C1H9R4CA01# #0.5pF GRM1882C1H9R4DA01# #0.5pF GRM1882C1H9R5WA01# #0.25pF GRM1882C1H9R5WA01# #0.25pF GRM1882C1H9R5WA01# #0.25pF GRM1882C1H9R5WA01# #0.5pF GRM1882C1H9R5WA01# #0.5pF GRM1882C1H9R5WA01# #0.5pF GRM1882C1H9R5WA01# #0.1pF GRM1882C1H9R6WA01# #0.25pF GRM1882C1H9R6WA01# #0.5pF GRM1882C1H9R6WA01# #0.5pF GRM1882C1H9R6WA01# #0.5pF GRM1882C1H9R7WA01# #0.5pF GRM1882C1H9R7WA01# #0.1pF GRM1882C1H9R7WA01# #0.5pF GRM1882C1H9R7WA01# #0.5pF GRM1882C1H9R8WA01# #0.5pF GRM1882C1H9R8WA01# #0.5pF GRM1882C1H9R8WA01# #0.5pF GRM1882C1H9R8WA01# #0.5pF GRM1882C1H9R8WA01# #0.5pF GRM1882C1H9R8WA01# #0.5pF GRM1882C1H9R9WA01# #0.5pF GRM1882C1H9R9WA01# #0.5pF GRM1882C1H9R9WA01# #0.5pF GRM1882C1H9R9WA01# #0.5pF GRM1882C1H9R9WA01# #0.5pF GRM1882C1H9R9WA01# #0.5pF GRM1882C1H9R9DA01# #0.5pF GRM1882C1H9R9DA01# #0.5pF GRM1882C1H9R9DA01# #0.5pF GRM1882C1H9R9DA01# #0.5pF GRM1882C1H9R9DA01# #0.5pF GRM1882C1H9R0A01# #0.5pF GRM1882C1H9R0A01# #0.5pF #5% GRM1882C1H10JA01# #0.5pF #5% GRM1882C1H10JA01# #0.5pF #5% GRM1882C1H30JA01# | | | | 9.3pF | - | |
| #0.5pF GRM1882C1H9R3DA01# 9.4pF ±0.05pF GRM1882C1H9R4WA01# ±0.1pF GRM1882C1H9R4DA01# ±0.25pF GRM1882C1H9R4DA01# ±0.5pF GRM1882C1H9R5WA01# ±0.1pF GRM1882C1H9R5BA01# ±0.25pF GRM1882C1H9R5BA01# ±0.25pF GRM1882C1H9R5DA01# ±0.5pF GRM1882C1H9R5DA01# ±0.5pF GRM1882C1H9R6WA01# ±0.1pF GRM1882C1H9R6BA01# ±0.25pF GRM1882C1H9R6BA01# ±0.25pF GRM1882C1H9R6BA01# ±0.25pF GRM1882C1H9R6DA01# ±0.5pF GRM1882C1H9R7WA01# ±0.1pF GRM1882C1H9R7WA01# ±0.25pF GRM1882C1H9R7BA01# ±0.25pF GRM1882C1H9R7BA01# ±0.25pF GRM1882C1H9R7BA01# ±0.25pF GRM1882C1H9R8WA01# ±0.1pF GRM1882C1H9R8WA01# ±0.1pF GRM1882C1H9R8DA01# ±0.1pF GRM1882C1H9R8DA01# ±0.25pF GRM1882C1H9R9BA01# ±0.25pF GRM1882C1H9R9BA01# ±0.5pF GRM1882C1H9R9BA01# ±0.5pF GRM1882C1H9R9BA01# ±0.5pF GRM1882C1H9R9DA01# 10pF ±5% GRM1882C1H9R9DA01# 12pF ±5% GRM1882C1H100JA01# 15pF ±5% GRM1882C1H100JA01# 18pF ±5% GRM1882C1H180JA01# 22pF ±5% GRM1882C1H180JA01# 22pF ±5% GRM1882C1H180JA01# 22pF ±5% GRM1882C1H180JA01# 22pF ±5% GRM1882C1H180JA01# 23pF ±5% GRM1882C1H30JA01# 33pF ±5% GRM1882C1H30JA01# 33pF ±5% GRM1882C1H30JA01# 33pF ±5% GRM1882C1H30JA01# 34pF ±5% GRM1882C1H30JA01# 35pF ±5% GRM1882C1H30JA01# 35pF ±5% GRM1882C1H30JA01# | | | | | | |
| 9.4pF ±0.05pF GRM1882C1H9R4WA01# ±0.1pF GRM1882C1H9R4BA01# ±0.5pF GRM1882C1H9R4DA01# ±0.5pF GRM1882C1H9R5BA01# ±0.1pF GRM1882C1H9R5BA01# ±0.25pF GRM1882C1H9R5BA01# ±0.5pF GRM1882C1H9R5BA01# ±0.5pF GRM1882C1H9R6BA01# ±0.25pF GRM1882C1H9R6BA01# ±0.25pF GRM1882C1H9R6BA01# ±0.5pF GRM1882C1H9R6BA01# ±0.5pF GRM1882C1H9R6BA01# ±0.5pF GRM1882C1H9R7WA01# ±0.1pF GRM1882C1H9R7WA01# ±0.5pF GRM1882C1H9R7WA01# ±0.5pF GRM1882C1H9R7DA01# ±0.5pF GRM1882C1H9R7DA01# ±0.5pF GRM1882C1H9R8WA01# ±0.5pF GRM1882C1H9R8WA01# ±0.1pF GRM1882C1H9R8BA01# ±0.25pF GRM1882C1H9R8BA01# ±0.5pF GRM1882C1H9R9BA01# ±0.5pF GRM1882C1H9R9BA01# ±0.5pF GRM1882C1H9R9WA01# ±0.5pF GRM1882C1H9R9WA01# ±0.5pF GRM1882C1H9R9WA01# ±0.5pF GRM1882C1H9R9WA01# ±0.5pF GRM1882C1H9R9WA01# ±0.5pF GRM1882C1H9R9DA01# ±0.5pF GRM1882C1H9R9DA01# ±0.5pF GRM1882C1H9R9DA01# ±0.5pF GRM1882C1H9R9DA01# ±0.5pF GRM1882C1H9R9DA01# ±0.5pF GRM1882C1H100JA01# 15pF ±5% GRM1882C1H150JA01# 15pF ±5% GRM1882C1H150JA01# 15pF ±5% GRM1882C1H180JA01# 22pF ±5% GRM1882C1H180JA01# 22pF ±5% GRM1882C1H330JA01# 33pF ±5% GRM1882C1H330JA01# 33pF ±5% GRM1882C1H330JA01# 35pF ±5% GRM1882C1H330JA01# 35pF ±5% GRM1882C1H350JA01# 55pF GRM1882C1H470JA01# 55pF £5% GRM1882C1H470JA01# 55p | | | | | - | |
| #0.1pF GRM1882C1H9R4BA01# #0.25pF GRM1882C1H9R4CA01# #0.5pF GRM1882C1H9R5WA01# #0.1pF GRM1882C1H9R5BA01# #0.25pF GRM1882C1H9R5BA01# #0.25pF GRM1882C1H9R5BA01# #0.25pF GRM1882C1H9R5WA01# #0.5pF GRM1882C1H9R5WA01# #0.1pF GRM1882C1H9R6BA01# #0.25pF GRM1882C1H9R6BA01# #0.25pF GRM1882C1H9R6BA01# #0.5pF GRM1882C1H9R7WA01# #0.1pF GRM1882C1H9R7WA01# #0.1pF GRM1882C1H9R7WA01# #0.5pF GRM1882C1H9R7DA01# #0.5pF GRM1882C1H9R7DA01# #0.5pF GRM1882C1H9R8WA01# #0.1pF GRM1882C1H9R8WA01# #0.1pF GRM1882C1H9R8WA01# #0.25pF GRM1882C1H9R8WA01# #0.25pF GRM1882C1H9R8WA01# #0.25pF GRM1882C1H9R9WA01# #0.5pF GRM1882C1H9R9WA01# #0.5pF GRM1882C1H9R9BA01# #0.5pF GRM1882C1H9R9BA01# #0.5pF GRM1882C1H9R9BA01# #0.5pF GRM1882C1H9R9DA01# #0.5pF GRM1882C1H9R9DA01# #0.5pF GRM1882C1H9R0A01# #0.5pF GRM1882C1H9R0A01# #0.5pF GRM1882C1H9R0A01# #0.5pF GRM1882C1H150JA01# #0.5pF #5% GRM1882C1H180JA01# #0.5pF #5% GRM1882C1H330JA01# #0.5pF #5% GRM1882C1H330JA01# #0.5pF #5% GRM1882C1H330JA01# #0.5pF #5% GRM1882C1H330JA01# #0.5pF #5% GRM1882C1H470JA01# #0.5pF #5% GRM1882C1H470JA01# #0.5pF #5% GRM1882C1H470JA01# | | | | | - | |
| #0.25pF GRM1882C1H9R4CA01# #0.5pF GRM1882C1H9R5WA01# #0.1pF GRM1882C1H9R5BA01# #0.25pF GRM1882C1H9R5DA01# #0.5pF GRM1882C1H9R5DA01# #0.5pF GRM1882C1H9R5DA01# #0.5pF GRM1882C1H9R6WA01# #0.1pF GRM1882C1H9R6WA01# #0.25pF GRM1882C1H9R6BA01# #0.25pF GRM1882C1H9R6DA01# #0.25pF GRM1882C1H9R6DA01# #0.5pF GRM1882C1H9R6DA01# #0.5pF GRM1882C1H9R7WA01# #0.1pF GRM1882C1H9R7WA01# #0.5pF GRM1882C1H9R7DA01# #0.5pF GRM1882C1H9R7DA01# #0.5pF GRM1882C1H9R7DA01# #0.5pF GRM1882C1H9R8WA01# #0.5pF GRM1882C1H9R8DA01# #0.25pF GRM1882C1H9R8DA01# #0.25pF GRM1882C1H9R9WA01# #0.5pF GRM1882C1H9R9WA01# #0.5pF GRM1882C1H9R9DA01# #0.5pF GRM1882C1H10JA01# #0.5pF #5% GRM1882C1H10JA01# #0.5pF #5% GRM1882C1H10JA01# #0.5pF #5% GRM1882C1H30JA01# | | | | 9.4pF | ±0.05pF | GRM1882C1H9R4WA01# |
| #0.5pF GRM1882C1H9R4DA01# #0.05pF GRM1882C1H9R5WA01# #0.1pF GRM1882C1H9R5BA01# #0.25pF GRM1882C1H9R5DA01# #0.5pF GRM1882C1H9R6WA01# #0.05pF GRM1882C1H9R6WA01# #0.1pF GRM1882C1H9R6BA01# #0.25pF GRM1882C1H9R6BA01# #0.25pF GRM1882C1H9R6BA01# #0.5pF GRM1882C1H9R6CA01# #0.5pF GRM1882C1H9R6DA01# #0.5pF GRM1882C1H9R7WA01# #0.1pF GRM1882C1H9R7BA01# #0.5pF GRM1882C1H9R7DA01# #0.5pF GRM1882C1H9R7DA01# #0.5pF GRM1882C1H9R8WA01# #0.1pF GRM1882C1H9R8WA01# #0.25pF GRM1882C1H9R8DA01# #0.5pF GRM1882C1H9R8DA01# #0.5pF GRM1882C1H9R9WA01# #0.5pF GRM1882C1H9R9WA01# #0.5pF GRM1882C1H9R9WA01# #0.5pF GRM1882C1H9R9WA01# #0.5pF GRM1882C1H9R9DA01# #0.5pF GRM1882C1H150JA01# #0.5pF GRM1882C1H150JA01# #0.5pF GRM1882C1H180JA01# #0.5pF GRM1882C1H180JA01# #0.5pF GRM1882C1H30JA01# #0.5pF GRM1882C1H50JA01# #0.5pF GRM1882C1H50JA01# | | | | | ±0.1pF | GRM1882C1H9R4BA01# |
| ### ### ### ### ### ### ### ### ### ## | | | | | ±0.25pF | GRM1882C1H9R4CA01# |
| #0.1pF GRM1882C1H9R5BA01# #0.25pF GRM1882C1H9R5CA01# #0.5pF GRM1882C1H9R6WA01# #0.1pF GRM1882C1H9R6WA01# #0.25pF GRM1882C1H9R6BA01# #0.25pF GRM1882C1H9R6CA01# #0.5pF GRM1882C1H9R6CA01# #0.5pF GRM1882C1H9R6DA01# #0.1pF GRM1882C1H9R7WA01# #0.25pF GRM1882C1H9R7BA01# #0.25pF GRM1882C1H9R7DA01# #0.5pF GRM1882C1H9R7DA01# #0.5pF GRM1882C1H9R8WA01# #0.1pF GRM1882C1H9R8WA01# #0.25pF GRM1882C1H9R8BA01# #0.25pF GRM1882C1H9R8DA01# #0.5pF GRM1882C1H9R8DA01# #0.5pF GRM1882C1H9R9WA01# #0.5pF GRM1882C1H9R9WA01# #0.5pF GRM1882C1H9R9WA01# #0.5pF GRM1882C1H9R9WA01# #0.5pF GRM1882C1H9R9DA01# #0.5pF GRM1882C1H180JA01# #0.5pF #5% GRM1882C1H180JA01# #0.5pF #5% GRM1882C1H180JA01# #0.5pF #5% GRM1882C1H20JA01# #0.5pF #5% GRM1882C1H30JA01# #0.5pF #5% GRM1882C1H560JA01# | | | | | ±0.5pF | GRM1882C1H9R4DA01# |
| #0.25pF GRM1882C1H9R5DA01# #0.5pF GRM1882C1H9R6WA01# #0.1pF GRM1882C1H9R6BA01# #0.25pF GRM1882C1H9R6BA01# #0.25pF GRM1882C1H9R6DA01# #0.25pF GRM1882C1H9R6DA01# #0.05pF GRM1882C1H9R7WA01# #0.1pF GRM1882C1H9R7BA01# #0.25pF GRM1882C1H9R7DA01# #0.5pF GRM1882C1H9R7DA01# #0.5pF GRM1882C1H9R8WA01# #0.1pF GRM1882C1H9R8WA01# #0.1pF GRM1882C1H9R8WA01# #0.25pF GRM1882C1H9R8BA01# #0.25pF GRM1882C1H9R8BA01# #0.25pF GRM1882C1H9R8DA01# #0.25pF GRM1882C1H9R9BA01# #0.5pF GRM1882C1H9R9WA01# #0.5pF GRM1882C1H9R9BA01# #0.5pF GRM1882C1H9R9DA01# #0.5pF GRM1882C1H9R9DA01# #0.5pF GRM1882C1H100JA01# #10pF #5% GRM1882C1H100JA01# #15pF #5% GRM1882C1H150JA01# #18pF #5% GRM1882C1H150JA01# #22pF #5% GRM1882C1H10JA01# #23pF #5% GRM1882C1H20JA01# #33pF #5% GRM1882C1H30JA01# #33pF #5% GRM1882C1H30JA01# #33pF #5% GRM1882C1H30JA01# #47pF #5% GRM1882C1H30JA01# #47pF #5% GRM1882C1H30JA01# #56pF #5% GRM1882C1H30JA01# | | | | 9.5pF | ±0.05pF | GRM1882C1H9R5WA01# |
| #0.5pF GRM1882C1H9R6WA01# #0.1pF GRM1882C1H9R6WA01# #0.25pF GRM1882C1H9R6CA01# #0.25pF GRM1882C1H9R6CA01# #0.5pF GRM1882C1H9R6DA01# #0.5pF GRM1882C1H9R7WA01# #0.1pF GRM1882C1H9R7WA01# #0.25pF GRM1882C1H9R7DA01# #0.5pF GRM1882C1H9R7DA01# #0.5pF GRM1882C1H9R7DA01# #0.1pF GRM1882C1H9R8WA01# #0.1pF GRM1882C1H9R8WA01# #0.25pF GRM1882C1H9R8CA01# #0.25pF GRM1882C1H9R8DA01# #0.25pF GRM1882C1H9R8DA01# #0.25pF GRM1882C1H9R9WA01# #0.1pF GRM1882C1H9R9WA01# #0.1pF GRM1882C1H9R9WA01# #0.25pF GRM1882C1H9R9DA01# #0.5pF GRM1882C1H9R9DA01# #0.5pF GRM1882C1H9R9DA01# #0.5pF GRM1882C1H10JA01# #10pF #5% GRM1882C1H10JA01# #15pF #5% GRM1882C1H15JA01# #18pF #5% GRM1882C1H15JA01# #27pF #5% GRM1882C1H20JA01# #23pF #5% GRM1882C1H20JA01# #33pF #5% GRM1882C1H33JA01# #33pF #5% GRM1882C1H33JA01# #33pF #5% GRM1882C1H33JA01# #33pF #5% GRM1882C1H39JA01# #47pF #5% GRM1882C1H47JA01# #56pF #5% GRM1882C1H47JA01# | | | | | ±0.1pF | GRM1882C1H9R5BA01# |
| 9.6pF ±0.05pF GRM1882C1H9R6WA01# ±0.25pF GRM1882C1H9R6DA01# ±0.5pF GRM1882C1H9R6DA01# ±0.5pF GRM1882C1H9R7WA01# ±0.25pF GRM1882C1H9R7DA01# ±0.25pF GRM1882C1H9R7DA01# ±0.5pF GRM1882C1H9R7DA01# ±0.5pF GRM1882C1H9R7DA01# ±0.5pF GRM1882C1H9R8WA01# ±0.1pF GRM1882C1H9R8WA01# ±0.25pF GRM1882C1H9R8DA01# ±0.5pF GRM1882C1H9R8DA01# ±0.5pF GRM1882C1H9R8DA01# ±0.5pF GRM1882C1H9R9WA01# ±0.5pF GRM1882C1H9R9WA01# ±0.5pF GRM1882C1H9R9DA01# ±0.5pF GRM1882C1H9R9DA01# ±0.5pF GRM1882C1H9R9DA01# ±0.5pF GRM1882C1H9R9DA01# ±0.5pF GRM1882C1H9R9DA01# ±0.5pF GRM1882C1H9R9DA01# 15pF ±5% GRM1882C1H100JA01# 15pF ±5% GRM1882C1H180JA01# 15pF ±5% GRM1882C1H180JA01# 22pF ±5% GRM1882C1H180JA01# 22pF ±5% GRM1882C1H20JA01# 33pF ±5% GRM1882C1H330JA01# 33pF ±5% GRM1882C1H330JA01# 33pF ±5% GRM1882C1H390JA01# 47pF ±5% GRM1882C1H390JA01# 56pF ±5% GRM1882C1H470JA01# | | | | | ±0.25pF | GRM1882C1H9R5CA01# |
| #0.1pF GRM1882C1H9R6BA01# #0.25pF GRM1882C1H9R6CA01# #0.5pF GRM1882C1H9R6DA01# #0.1pF GRM1882C1H9R7WA01# #0.1pF GRM1882C1H9R7BA01# #0.25pF GRM1882C1H9R7DA01# #0.5pF GRM1882C1H9R7DA01# #0.5pF GRM1882C1H9R8WA01# #0.1pF GRM1882C1H9R8WA01# #0.1pF GRM1882C1H9R8WA01# #0.25pF GRM1882C1H9R8DA01# #0.5pF GRM1882C1H9R8DA01# #0.5pF GRM1882C1H9R9WA01# #0.5pF GRM1882C1H9R9WA01# #0.1pF GRM1882C1H9R9BA01# #0.25pF GRM1882C1H9R9DA01# #0.5pF GRM1882C1H9R9DA01# #0.5pF GRM1882C1H9R9DA01# #0.5pF GRM1882C1H9R9DA01# #0.5pF GRM1882C1H100JA01# #0.5pF GRM1882C1H100JA01# #0.5pF #5% GRM1882C1H150JA01# #0.5pF #5% GRM1882C1H120JA01# #0.5pF #5% GRM1882C1H120JA01# #0.5pF #5% GRM1882C1H130JA01# #0.5pF #5% GRM1882C1H130JA01# #0.5pF #5% GRM1882C1H130JA01# #0.5pF #5% GRM1882C1H330JA01# #0.5pF #5% GRM1882C1H470JA01# | | | | | ±0.5pF | GRM1882C1H9R5DA01# |
| #0.25pF GRM1882C1H9R6CA01# #0.5pF GRM1882C1H9R6DA01# #0.1pF GRM1882C1H9R7WA01# #0.1pF GRM1882C1H9R7DA01# #0.25pF GRM1882C1H9R7DA01# #0.5pF GRM1882C1H9R7DA01# #0.5pF GRM1882C1H9R8WA01# #0.1pF GRM1882C1H9R8WA01# #0.25pF GRM1882C1H9R8BA01# #0.25pF GRM1882C1H9R8DA01# #0.5pF GRM1882C1H9R8DA01# #0.5pF GRM1882C1H9R9WA01# #0.5pF GRM1882C1H9R9WA01# #0.1pF GRM1882C1H9R9WA01# #0.5pF GRM1882C1H9R9DA01# #0.5pF GRM1882C1H9R9DA01# #0.5pF GRM1882C1H9R9DA01# #0.5pF GRM1882C1H100JA01# #10pF ±5% GRM1882C1H100JA01# #15pF ±5% GRM1882C1H150JA01# #18pF ±5% GRM1882C1H180JA01# #22pF ±5% GRM1882C1H220JA01# #27pF ±5% GRM1882C1H270JA01# #33pF ±5% GRM1882C1H330JA01# #39pF ±5% GRM1882C1H390JA01# #47pF ±5% GRM1882C1H470JA01# #56pF ±5% GRM1882C1H470JA01# | | | | 9.6pF | ±0.05pF | GRM1882C1H9R6WA01# |
| #0.5pF GRM1882C1H9R6DA01# #0.1pF GRM1882C1H9R7BA01# #0.25pF GRM1882C1H9R7CA01# #0.5pF GRM1882C1H9R7DA01# #0.5pF GRM1882C1H9R8WA01# #0.5pF GRM1882C1H9R8WA01# #0.5pF GRM1882C1H9R8BA01# #0.5pF GRM1882C1H9R8BA01# #0.5pF GRM1882C1H9R8DA01# #0.5pF GRM1882C1H9R9WA01# #0.5pF GRM1882C1H9R9WA01# #0.5pF GRM1882C1H9R9WA01# #0.5pF GRM1882C1H9R9DA01# #0.5pF GRM1882C1H9R9DA01# #0.5pF GRM1882C1H9R9DA01# #0.5pF GRM1882C1H9R9DA01# #0.5pF GRM1882C1H9R9DA01# #0.5pF GRM1882C1H100JA01# #0.5pF GRM1882C1H100JA01# #0.5pF GRM1882C1H120JA01# #0.5pF #5% GRM1882C1H150JA01# #0.5pF #5% GRM1882C1H180JA01# #0.5pF #5% GRM1882C1H20JA01# #0.5pF #5% GRM1882C1H30JA01# #0.5pF #5% GRM1882C1H470JA01# #0.5pF #5% GRM1882C1H470JA01# #0.5pF #5% GRM1882C1H470JA01# #0.5pF #5% GRM1882C1H470JA01# | | | | | ±0.1pF | GRM1882C1H9R6BA01# |
| 9.7pF ±0.05pF GRM1882C1H9R7WA01# ±0.1pF GRM1882C1H9R7CA01# ±0.25pF GRM1882C1H9R7DA01# ±0.5pF GRM1882C1H9R8WA01# ±0.1pF GRM1882C1H9R8WA01# ±0.1pF GRM1882C1H9R8BA01# ±0.25pF GRM1882C1H9R8DA01# ±0.5pF GRM1882C1H9R8DA01# ±0.5pF GRM1882C1H9R9WA01# ±0.1pF GRM1882C1H9R9WA01# ±0.1pF GRM1882C1H9R9DA01# ±0.25pF GRM1882C1H9R9DA01# ±0.5pF GRM1882C1H9R9DA01# ±0.5pF GRM1882C1H9R9DA01# 10pF ±5% GRM1882C1H100JA01# 12pF ±5% GRM1882C1H100JA01# 15pF ±5% GRM1882C1H150JA01# 15pF ±5% GRM1882C1H150JA01# 22pF ±5% GRM1882C1H180JA01# 22pF ±5% GRM1882C1H20JA01# 33pF ±5% GRM1882C1H270JA01# 33pF ±5% GRM1882C1H330JA01# 33pF ±5% GRM1882C1H390JA01# 47pF ±5% GRM1882C1H470JA01# 56pF ±5% GRM1882C1H470JA01# | | | | | ±0.25pF | GRM1882C1H9R6CA01# |
| #0.1pF GRM1882C1H9R7BA01# #0.25pF GRM1882C1H9R7CA01# #0.5pF GRM1882C1H9R7DA01# #0.5pF GRM1882C1H9R8WA01# #0.1pF GRM1882C1H9R8BA01# #0.25pF GRM1882C1H9R8CA01# #0.5pF GRM1882C1H9R8DA01# #0.5pF GRM1882C1H9R9WA01# #0.1pF GRM1882C1H9R9WA01# #0.1pF GRM1882C1H9R9BA01# #0.25pF GRM1882C1H9R9BA01# #0.25pF GRM1882C1H9R9DA01# #0.5pF GRM1882C1H9R9DA01# #0.5pF GRM1882C1H9R9DA01# #0.5pF GRM1882C1H100JA01# #10pF #5% GRM1882C1H100JA01# #15pF #5% GRM1882C1H150JA01# #15pF #5% GRM1882C1H150JA01# #22pF #5% GRM1882C1H180JA01# #27pF #5% GRM1882C1H220JA01# #27pF #5% GRM1882C1H270JA01# #33pF #5% GRM1882C1H330JA01# #39pF #5% GRM1882C1H390JA01# #47pF #5% GRM1882C1H470JA01# #56pF #5% GRM1882C1H470JA01# | | | | | ±0.5pF | GRM1882C1H9R6DA01# |
| #0.1pF GRM1882C1H9R7BA01# #0.25pF GRM1882C1H9R7CA01# #0.5pF GRM1882C1H9R7DA01# #0.5pF GRM1882C1H9R8WA01# #0.1pF GRM1882C1H9R8BA01# #0.25pF GRM1882C1H9R8CA01# #0.5pF GRM1882C1H9R8DA01# #0.5pF GRM1882C1H9R9WA01# #0.1pF GRM1882C1H9R9WA01# #0.1pF GRM1882C1H9R9BA01# #0.25pF GRM1882C1H9R9BA01# #0.25pF GRM1882C1H9R9DA01# #0.5pF GRM1882C1H9R9DA01# #0.5pF GRM1882C1H9R9DA01# #0.5pF GRM1882C1H100JA01# #10pF #5% GRM1882C1H100JA01# #15pF #5% GRM1882C1H150JA01# #15pF #5% GRM1882C1H150JA01# #22pF #5% GRM1882C1H180JA01# #27pF #5% GRM1882C1H220JA01# #27pF #5% GRM1882C1H270JA01# #33pF #5% GRM1882C1H330JA01# #39pF #5% GRM1882C1H390JA01# #47pF #5% GRM1882C1H470JA01# #56pF #5% GRM1882C1H470JA01# | | | | 9.7pF | ±0.05pF | GRM1882C1H9R7WA01# |
| #0.25pF GRM1882C1H9R7CA01# #0.5pF GRM1882C1H9R8WA01# #0.1pF GRM1882C1H9R8BA01# #0.25pF GRM1882C1H9R8BA01# #0.5pF GRM1882C1H9R8DA01# #0.5pF GRM1882C1H9R8DA01# #0.5pF GRM1882C1H9R9WA01# #0.1pF GRM1882C1H9R9BA01# #0.25pF GRM1882C1H9R9DA01# #0.5pF GRM1882C1H9R9DA01# #0.5pF GRM1882C1H9R9DA01# #0.5pF GRM1882C1H100JA01# #0.5pF #0.5pF GRM1882C1H100JA01# #0.5pF #0.5pF GRM1882C1H100JA01# #0.5pF #0.5pF GRM1882C1H100JA01# #0.5pF #0.5pF GRM1882C1H100JA01# #0.5pF #0.5pF GRM1882C1H100JA01# #0.5pF #0.5pF GRM1882C1H20JA01# #0.5pF #0.05pF GRM1882C1H20JA01# #0.5pF #0.05pF GRM1882C1H30JA01# #0.5pF #0.05pF GRM1882C1H470JA01# | | | | | ±0.1pF | GRM1882C1H9R7BA01# |
| #0.5pF GRM1882C1H9R7DA01# 9.8pF #0.05pF GRM1882C1H9R8WA01# #0.1pF GRM1882C1H9R8BA01# #0.5pF GRM1882C1H9R8DA01# #0.5pF GRM1882C1H9R8DA01# #0.5pF GRM1882C1H9R9WA01# #0.5pF GRM1882C1H9R9BA01# #0.5pF GRM1882C1H9R9BA01# #0.5pF GRM1882C1H9R9DA01# #0.5pF GRM1882C1H9R9DA01# #0.5pF GRM1882C1H9R9DA01# #0.5pF GRM1882C1H100JA01# 10pF #5% GRM1882C1H10JA01# 15pF #5% GRM1882C1H120JA01# 15pF #5% GRM1882C1H180JA01# 22pF #5% GRM1882C1H180JA01# 22pF #5% GRM1882C1H220JA01# 33pF #5% GRM1882C1H270JA01# 33pF #5% GRM1882C1H330JA01# 33pF #5% GRM1882C1H390JA01# 47pF #5% GRM1882C1H470JA01# 56pF #5% GRM1882C1H470JA01# | | | | | | |
| 9.8pF ±0.05pF GRM1882C1H9R8WA01# ±0.1pF GRM1882C1H9R8BA01# ±0.25pF GRM1882C1H9R8CA01# ±0.5pF GRM1882C1H9R8DA01# ±0.5pF GRM1882C1H9R9WA01# ±0.1pF GRM1882C1H9R9BA01# ±0.25pF GRM1882C1H9R9DA01# ±0.5pF GRM1882C1H9R9DA01# 10pF ±5% GRM1882C1H100JA01# 12pF ±5% GRM1882C1H120JA01# 15pF ±5% GRM1882C1H150JA01# 18pF ±5% GRM1882C1H150JA01# 22pF ±5% GRM1882C1H180JA01# 27pF ±5% GRM1882C1H220JA01# 33pF ±5% GRM1882C1H270JA01# 33pF ±5% GRM1882C1H330JA01# 33pF ±5% GRM1882C1H390JA01# 47pF ±5% GRM1882C1H390JA01# 56pF ±5% GRM1882C1H470JA01# | | | | | - | GRM1882C1H9R7DA01# |
| #0.1pF GRM1882C1H9R8BA01# #0.25pF GRM1882C1H9R8CA01# #0.5pF GRM1882C1H9R8DA01# #0.1pF GRM1882C1H9R9WA01# #0.1pF GRM1882C1H9R9BA01# #0.25pF GRM1882C1H9R9BA01# #0.5pF GRM1882C1H9R9DA01# #0.5pF GRM1882C1H9R9DA01# #0.5pF GRM1882C1H100JA01# #0.5pF GRM1882C1H100JA01# #0.5pF GRM1882C1H100JA01# #0.5pF GRM1882C1H100JA01# #0.5pF GRM1882C1H100JA01# #0.5pF GRM1882C1H150JA01# #0.5pF GRM1882C1H120JA01# #0.5pF GRM1882C1H180JA01# #0.5pF GRM1882C1H20JA01# #0.5pF GRM1882C1H20JA01# #0.5pF #0.5% GRM1882C1H20JA01# #0.5pF #0.5% GRM1882C1H20JA01# #0.5pF #0.5% GRM1882C1H30JA01# #0.5pF #0.5pF #0.5pF GRM1882C1H30JA01# #0.5pF #0.5pF #0.5pF GRM1882C1H30JA01# #0.5pF #0.5pF #0.5pF GRM1882C1H470JA01# #0.5pF #0.5pF #0.5pF GRM1882C1H470JA01# #0.5pF #0.5pF #0.5pF GRM1882C1H470JA01# #0.5pF #0.5pF GRM1882C1H470JA01# #0.5pF #0.5pF #0.5pF GRM1882C1H470JA01# | | | | 9.8pF | - | |
| ±0.25pF GRM1882C1H9R8CA01# ±0.5pF GRM1882C1H9R8DA01# 9.9pF ±0.05pF GRM1882C1H9R9WA01# ±0.1pF GRM1882C1H9R9BA01# ±0.25pF GRM1882C1H9R9CA01# ±0.5pF GRM1882C1H9R9DA01# 10pF ±5% GRM1882C1H100JA01# 12pF ±5% GRM1882C1H120JA01# 15pF ±5% GRM1882C1H150JA01# 22pF ±5% GRM1882C1H180JA01# 22pF ±5% GRM1882C1H180JA01# 27pF ±5% GRM1882C1H220JA01# 33pF ±5% GRM1882C1H270JA01# 33pF ±5% GRM1882C1H330JA01# 47pF ±5% GRM1882C1H390JA01# 47pF ±5% GRM1882C1H390JA01# | | | | | - | |
| #0.5pF GRM1882C1H9R8DA01# 9.9pF #0.05pF GRM1882C1H9R9WA01# #0.1pF GRM1882C1H9R9BA01# #0.25pF GRM1882C1H9R9CA01# #0.5pF GRM1882C1H9R9DA01# #0.5pF GRM1882C1H9R9DA01# 10pF #5% GRM1882C1H100JA01# 12pF #5% GRM1882C1H120JA01# 15pF #5% GRM1882C1H150JA01# 22pF #5% GRM1882C1H180JA01# 22pF #5% GRM1882C1H220JA01# 27pF #5% GRM1882C1H270JA01# 33pF #5% GRM1882C1H330JA01# 39pF #5% GRM1882C1H390JA01# 47pF #5% GRM1882C1H390JA01# 56pF #5% GRM1882C1H470JA01# | | | | | | |
| 9.9pF ±0.05pF GRM1882C1H9R9WA01# ±0.1pF GRM1882C1H9R9BA01# ±0.25pF GRM1882C1H9R9CA01# ±0.5pF GRM1882C1H9R9DA01# 10pF ±5% GRM1882C1H100JA01# 12pF ±5% GRM1882C1H120JA01# 15pF ±5% GRM1882C1H150JA01# 18pF ±5% GRM1882C1H180JA01# 22pF ±5% GRM1882C1H220JA01# 27pF ±5% GRM1882C1H270JA01# 33pF ±5% GRM1882C1H330JA01# 33pF ±5% GRM1882C1H390JA01# 47pF ±5% GRM1882C1H390JA01# 56pF ±5% GRM1882C1H470JA01# | | | | | - | |
| ±0.1pF GRM1882C1H9R9BA01# ±0.25pF GRM1882C1H9R9DA01# ±0.5pF GRM1882C1H9R9DA01# 10pF ±5% GRM1882C1H100JA01# 12pF ±5% GRM1882C1H120JA01# 15pF ±5% GRM1882C1H150JA01# 22pF ±5% GRM1882C1H180JA01# 22pF ±5% GRM1882C1H220JA01# 27pF ±5% GRM1882C1H270JA01# 33pF ±5% GRM1882C1H330JA01# 39pF ±5% GRM1882C1H390JA01# 47pF ±5% GRM1882C1H390JA01# 56pF ±5% GRM1882C1H470JA01# | | | | 9 9nF | · | |
| ±0.25pF GRM1882C1H9R9CA01# ±0.5pF GRM1882C1H9R9DA01# 10pF ±5% GRM1882C1H100JA01# 12pF ±5% GRM1882C1H120JA01# 15pF ±5% GRM1882C1H150JA01# 22pF ±5% GRM1882C1H180JA01# 22pF ±5% GRM1882C1H220JA01# 27pF ±5% GRM1882C1H270JA01# 33pF ±5% GRM1882C1H330JA01# 39pF ±5% GRM1882C1H390JA01# 47pF ±5% GRM1882C1H470JA01# 56pF ±5% GRM1882C1H470JA01# | | | | J.3pi | - | |
| ±0.5pF GRM1882C1H9R9DA01# 10pF ±5% GRM1882C1H100JA01# 12pF ±5% GRM1882C1H120JA01# 15pF ±5% GRM1882C1H150JA01# 18pF ±5% GRM1882C1H180JA01# 22pF ±5% GRM1882C1H220JA01# 27pF ±5% GRM1882C1H270JA01# 33pF ±5% GRM1882C1H330JA01# 39pF ±5% GRM1882C1H390JA01# 47pF ±5% GRM1882C1H470JA01# 56pF ±5% GRM1882C1H470JA01# | | | | | - | |
| 10pF ±5% GRM1882C1H100JA01# 12pF ±5% GRM1882C1H120JA01# 15pF ±5% GRM1882C1H150JA01# 18pF ±5% GRM1882C1H180JA01# 22pF ±5% GRM1882C1H220JA01# 27pF ±5% GRM1882C1H270JA01# 33pF ±5% GRM1882C1H330JA01# 39pF ±5% GRM1882C1H390JA01# 47pF ±5% GRM1882C1H470JA01# 56pF ±5% GRM1882C1H470JA01# | | | | | | |
| 12pF ±5% GRM1882C1H120JA01# 15pF ±5% GRM1882C1H150JA01# 18pF ±5% GRM1882C1H180JA01# 22pF ±5% GRM1882C1H220JA01# 27pF ±5% GRM1882C1H270JA01# 33pF ±5% GRM1882C1H330JA01# 39pF ±5% GRM1882C1H390JA01# 47pF ±5% GRM1882C1H470JA01# 56pF ±5% GRM1882C1H470JA01# | | | | 10-5 | | |
| 15pF ±5% GRM1882C1H150JA01# 18pF ±5% GRM1882C1H180JA01# 22pF ±5% GRM1882C1H220JA01# 27pF ±5% GRM1882C1H270JA01# 33pF ±5% GRM1882C1H330JA01# 39pF ±5% GRM1882C1H390JA01# 47pF ±5% GRM1882C1H470JA01# 56pF ±5% GRM1882C1H470JA01# | | | | | | |
| 18pF ±5% GRM1882C1H180JA01# 22pF ±5% GRM1882C1H220JA01# 27pF ±5% GRM1882C1H270JA01# 33pF ±5% GRM1882C1H330JA01# 39pF ±5% GRM1882C1H390JA01# 47pF ±5% GRM1882C1H470JA01# 56pF ±5% GRM1882C1H560JA01# | | | | | | |
| 22pF ±5% GRM1882C1H220JA01# 27pF ±5% GRM1882C1H270JA01# 33pF ±5% GRM1882C1H330JA01# 39pF ±5% GRM1882C1H390JA01# 47pF ±5% GRM1882C1H470JA01# 56pF ±5% GRM1882C1H560JA01# | | | | | | |
| 27pF ±5% GRM1882C1H270JA01# 33pF ±5% GRM1882C1H330JA01# 39pF ±5% GRM1882C1H390JA01# 47pF ±5% GRM1882C1H470JA01# 56pF ±5% GRM1882C1H560JA01# | | | | | | |
| 33pF ±5% GRM1882C1H330JA01# 39pF ±5% GRM1882C1H390JA01# 47pF ±5% GRM1882C1H470JA01# 56pF ±5% GRM1882C1H560JA01# | | | | - | | |
| 39pF ±5% GRM1882C1H390JA01# 47pF ±5% GRM1882C1H470JA01# 56pF ±5% GRM1882C1H560JA01# | | | | - | | |
| 47pF ±5% GRM1882C1H470JA01# 56pF ±5% GRM1882C1H560JA01# | | | | | ±5% | GRM1882C1H330JA01# |
| 56pF ±5% GRM1882C1H560JA01# | | | | 39pF | ±5% | GRM1882C1H390JA01# |
| | | | | 47pF | ±5% | GRM1882C1H470JA01# |
| 68pF ±5% GRM1882C1H680JA01# | | | | 56pF | ±5% | GRM1882C1H560JA01# |
| | | | | 68pF | ±5% | GRM1882C1H680JA01# |

| Rated Voltage | TC Code | Cap. | Tol. | Part Number |
|------------------|------------|------------------|--------------|--|
| 50Vdc | СН | 82pF | ±5% | GRM1882C1H820JA01# |
| | | 100pF | ±5% | GRM1882C1H101JA01# |
| | | 120pF | ±5% | GRM1882C1H121JA01# |
| | | 150pF | ±5% | GRM1882C1H151JA01# |
| | | 180pF | ±5% | GRM1882C1H181JA01# |
| | | 220pF | ±5% | GRM1882C1H221JA01# |
| | | 270pF | ±5% | GRM1882C1H271JA01# |
| | | 330pF | ±5% | GRM1882C1H331JA01# |
| | | 390pF | ±5% | GRM1882C1H391JA01# |
| | | 470pF | ±5% | GRM1882C1H471JA01# |
| | | 560pF | ±5% | GRM1882C1H561JA01# |
| | | 680pF | ±5% | GRM1882C1H681JA01# |
| | | 820pF | ±5% | GRM1882C1H821JA01# |
| | | 1000pF | ±5% | GRM1882C1H102JA01# |
| | | 1200pF | ±5% | GRM1882C1H122JA01# |
| | | 1500pF | ±5% | GRM1882C1H152JA01# |
| | | 1800pF | ±5% | GRM1882C1H182JA01# |
| | | 2200pF | ±5% | GRM1882C1H222JA01# |
| | | 2700pF | ±5% | GRM1882C1H272JA01# |
| | | 3300pF | ±5% | GRM1882C1H332JA01# |
| | | 3900pF | ±5% | GRM1882C1H392JA01# |
| | SL | 1200pF | ±5% | GRM1881X1H122JA01# |
| | | 1500pF | ±5% | GRM1881X1H152JA01# |
| | | 1800pF | ±5% | GRM1881X1H182JA01# |
| | | 2200pF | ±5% | GRM1881X1H222JA01# |
| | | 2700pF | ±5% | GRM1881X1H272JA01# |
| | | 3300pF | ±5% | GRM1881X1H332JA01# |
| | | 3900pF | ±5% | GRM1881X1H392JA01# |
| | | 4700pF 5600pF | ±5% ±5% | GRM1881X1H472JA01# GRM1881X1H562JA01# |
| | | 6800pF | ±5% | GRM1881X1H682JA01# |
| | | 8200pF | ±5% | GRM1881X1H822JA01# |
| | | 10000pF | ±5% | GRM1881X1H103JA01# |
| | U2J | 1200pF | ±5% | GRM1887U1H122JA01# |
| | 020 | 1500pF | ±5% | GRM1887U1H152JA01# |
| | | 1800pF | ±5% | GRM1887U1H182JA01# |
| | | 2200pF | ±5% | GRM1887U1H222JA01# |
| | | 2700pF | ±5% | GRM1887U1H272JA01# |
| | | 3300pF | ±5% | GRM1887U1H332JA01# |
| | | 3900pF | ±5% | GRM1887U1H392JA01# |
| | | 4700pF | ±5% | GRM1887U1H472JA01# |
| | | 5600pF | ±5% | GRM1887U1H562JA01# |
| | | 6800pF | ±5% | GRM1887U1H682JA01# |
| | | 8200pF | ±5% | GRM1887U1H822JA01# |
| | | 10000pF | ±5% | GRM1887U1H103JA01# |
| | UJ | 1000pF | ±5% | GRM1883U1H102JA01# |
| | | 1200pF | ±5% | GRM1883U1H122JA01# |
| | | 1500pF | ±5% | GRM1883U1H152JA01# |
| | | 1800pF | ±5% | GRM1883U1H182JA01# |
| | | 2200pF | ±5% | GRM1883U1H222JA01# |
| | | 2700pF | ±5% | GRM1883U1H272JA01# |
| | | 3300pF | ±5% | GRM1883U1H332JA01# |
| | | 3900pF | ±5% | GRM1883U1H392JA01# |
| | | 4700pF | ±5% | GRM1883U1H472JA01# |
| | | Part nun | nber # indic | cates the package specification code. |



(→ **■** 1.6×0.8mm)

| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number | |
|-----------|------------------|------------|---------|------|--------------------|--|
| 0.9mm | 50Vdc | UJ | 5600pF | ±5% | GRM1883U1H562JA01# | |
| | | | 6800pF | ±5% | GRM1883U1H682JA01# | |
| | | | 8200pF | ±5% | GRM1883U1H822JA01# | |
| | | | 10000pF | ±5% | GRM1883U1H103JA01# | |
| | 10Vdc | SL | 12000pF | ±5% | GRM1881X1A123JA01# | |
| | | | 15000pF | ±5% | GRM1881X1A153JA01# | |
| | | | 18000pF | ±5% | GRM1881X1A183JA01# | |
| | | | 22000pF | ±5% | GRM1881X1A223JA01# | |
| | | U2J | 12000pF | ±5% | GRM1887U1A123JA01# | |
| | | | 15000pF | ±5% | GRM1887U1A153JA01# | |
| | | | 18000pF | ±5% | GRM1887U1A183JA01# | |
| | | | 22000pF | ±5% | GRM1887U1A223JA01# | |
| | | UJ | 12000pF | ±5% | GRM1883U1A123JA01# | |
| | | | 15000pF | ±5% | GRM1883U1A153JA01# | |
| | | | 18000pF | ±5% | GRM1883U1A183JA01# | |
| | | | 22000pF | ±5% | GRM1883U1A223JA01# | |

■ 2.0×1.25mm

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number |
|-----------|------------------|------------|--------|------|--------------------|
| 0.7mm | 100Vdc | COG | 100pF | ±5% | GRM2165C2A101JA01# |
| | | | 120pF | ±5% | GRM2165C2A121JA01# |
| | | | 150pF | ±5% | GRM2165C2A151JA01# |
| | | | 180pF | ±5% | GRM2165C2A181JA01# |
| | | | 220pF | ±5% | GRM2165C2A221JA01# |
| | | | 270pF | ±5% | GRM2165C2A271JA01# |
| | | | 330pF | ±5% | GRM2165C2A331JA01# |
| | | | 390pF | ±5% | GRM2165C2A391JA01# |
| | | | 470pF | ±5% | GRM2165C2A471JA01# |
| | | | 560pF | ±5% | GRM2165C2A561JA01# |
| | | | 680pF | ±5% | GRM2165C2A681JA01# |
| | | | 820pF | ±5% | GRM2165C2A821JA01# |
| | | | 1000pF | ±5% | GRM2165C2A102JA01# |
| | | | 1200pF | ±5% | GRM2165C2A122JA01# |
| | | | 1500pF | ±5% | GRM2165C2A152JA01# |
| | | | 1800pF | ±5% | GRM2165C2A182JA01# |
| | | | 2200pF | ±5% | GRM2165C2A222JA01# |
| | | | 2700pF | ±5% | GRM2165C2A272JA01# |
| | | | 3300pF | ±5% | GRM2165C2A332JA01# |
| | | СН | 100pF | ±5% | GRM2162C2A101JA01# |
| | | | 120pF | ±5% | GRM2162C2A121JA01# |
| | | | 150pF | ±5% | GRM2162C2A151JA01# |
| | | | 180pF | ±5% | GRM2162C2A181JA01# |
| | | | 220pF | ±5% | GRM2162C2A221JA01# |
| | | | 270pF | ±5% | GRM2162C2A271JA01# |
| | | | 330pF | ±5% | GRM2162C2A331JA01# |
| | | | 390pF | ±5% | GRM2162C2A391JA01# |
| | | | 470pF | ±5% | GRM2162C2A471JA01# |
| | | | 560pF | ±5% | GRM2162C2A561JA01# |
| | | | 680pF | ±5% | GRM2162C2A681JA01# |
| | | | 820pF | ±5% | GRM2162C2A821JA01# |
| | | | 1000pF | ±5% | GRM2162C2A102JA01# |
| | | | 1200pF | ±5% | GRM2162C2A122JA01# |

| 0.7mm | T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number |
|--|-----------|------------------|------------|----------|------|--------------------|
| 200pF | 0.7mm | 100Vdc | CH | 1500pF | ±5% | GRM2162C2A152JA01# |
| 2700pF | | | | 1800pF | ±5% | GRM2162C2A182JA01# |
| 3300pF ±5% GRM2162C2A332JA01# | | | | 2200pF | ±5% | GRM2162C2A222JA01# |
| SOVdc COG 1200pF ±5% GRM2165C1H122JA01# 1800pF ±5% GRM2165C1H152JA01# 2200pF ±5% GRM2165C1H182JA01# 2200pF ±5% GRM2165C1H32JA01# 2700pF ±5% GRM2165C1H32JA01# 3300pF ±5% GRM2165C1H32JA01# 4700pF ±5% GRM2165C1H32JA01# 4700pF ±5% GRM2165C1H32JA01# 4700pF ±5% GRM2165C1H32JA01# 1800pF ±5% GRM2165C1H32JA01# 2200pF ±5% GRM2162C1H12JA01# 1800pF ±5% GRM2162C1H12JA01# 2700pF ±5% GRM2162C1H32JA01# 2700pF ±5% GRM2162C1H32JA01# 2700pF ±5% GRM2162C1H32JA01# 4700pF ±5% GRM2162C1H32JA01# 15000pF ±5% GRM2162C1H32JA01# 18000pF ±5% GRM2161X1H133JA01# 18000pF ±5% GRM2161X1H133JA01# 18000pF ±5% GRM2167U1H13JA01# 18000pF ±5% GRM2167U1H13JA01# 18000pF ±5% GRM2163U1H13JA01# 12000pF ±5% GRM2163U1H13JA01# 12000pF ±5% GRM2163U1H13JA01# 18000pF ±5% GRM2163U1H13JA01# 12000pF ±5% GRM219SC1H3JA01# 12000pF ±5% G | | | | 2700pF | ±5% | GRM2162C2A272JA01# |
| 1500pF | | | | 3300pF | ±5% | GRM2162C2A332JA01# |
| 1800pF | | 50Vdc | COG | 1200pF | ±5% | GRM2165C1H122JA01# |
| | | | | 1500pF | ±5% | GRM2165C1H152JA01# |
| 2700pF | | | | 1800pF | ±5% | GRM2165C1H182JA01# |
| 3300pF | | | | 2200pF | ±5% | GRM2165C1H222JA01# |
| 3900pF | | | | 2700pF | ±5% | GRM2165C1H272JA01# |
| A700pF | | | | 3300pF | ±5% | GRM2165C1H332JA01# |
| CH | | | | 3900pF | ±5% | GRM2165C1H392JA01# |
| CH | | | | 4700pF | ±5% | GRM2165C1H472JA01# |
| 1500pF | | | СН | | | GRM2162C1H122JA01# |
| 1800pF | | | | | | |
| 2200pF ±5% GRM2162C1H222JA01# 2700pF ±5% GRM2162C1H272JA01# 3300pF ±5% GRM2162C1H332JA01# 4700pF ±5% GRM2162C1H392JA01# 4700pF ±5% GRM2162C1H392JA01# 15000pF ±5% GRM2161X1H123JA01# 18000pF ±5% GRM2161X1H183JA01# 18000pF ±5% GRM2161X1H183JA01# 15000pF ±5% GRM2161X1H183JA01# 15000pF ±5% GRM2161X1H183JA01# 18000pF ±5% GRM2167U1H123JA01# 18000pF ±5% GRM2163U1H103JA01# 12000pF ±5% GRM2163U1H103JA01# 15000pF ±5% GRM2163U1H103JA01# 15000pF ±5% GRM2163U1H183JA01# 15000pF ±5% GRM2163U1H183JA01# 18000pF ±5% GRM2163U1H183JA01# 18000pF ±5% GRM2195C1H682JA01# 18000pF ±5% GRM2195C1H682JA01# 12000pF ±5% GRM2195C1H103JA01# 12000pF ±5% GRM2195C1H103JA01# 12000pF ±5% GRM2192C1H682JA01# 15000pF ±5% GRM2192C1H682JA01# 15000pF ±5% GRM2192C1H682JA01# 12000pF ±5% GRM2192C1H103JA01# 12000pF ±5% GRM2192C1H123JA01# 12000pF ±5% GRM2193C1H123JA01# 12000pF ±5% GRM2193C1H23JA01# 12000pF ±5% GRM2193C1H356JA001# 12000pF ±5% GRM2193C1H356JA001# 12000pF ±5% GRM2193C1H356JA001# 12000pF ±5% GRM2193C1H356JA001# 12000pF ±5% G | | | | · · | | |
| 2700pF | | | | <u> </u> | | |
| 3300pF | | | | | | |
| Second S | | | | | | |
| A700pF | | | | <u> </u> | | |
| SL 12000pF ±5% GRM2161X1H123JA01# 15000pF ±5% GRM2161X1H183JA01# 18000pF ±5% GRM2161X1H183JA01# 15000pF ±5% GRM2167U1H123JA01# 15000pF ±5% GRM2167U1H153JA01# 18000pF ±5% GRM2167U1H183JA01# 18000pF ±5% GRM2163U1H13JA01# 12000pF ±5% GRM2163U1H13JA01# 15000pF ±5% GRM2163U1H13JA01# 18000pF ±5% GRM2163U1H13JA01# 18000pF ±5% GRM2163U1H13JA01# 18000pF ±5% GRM2163U1H13JA01# 18000pF ±5% GRM2195C1H562JA01# 6800pF ±5% GRM2195C1H682JA01# 10000pF ±5% GRM2195C1H682JA01# 12000pF ±5% GRM2195C1H13JA01# 12000pF ±5% GRM2195C1H13JA01# 15000pF ±5% GRM2195C1H13JA01# 15000pF ±5% GRM2192C1H13JA01# 12000pF ±5% GRM2192C1H682JA01# 10000pF ±5% GRM2192C1H682JA01# 12000pF ±5% GRM2192C1H3JA01# 12000pF ±5% GRM2192C1H3JA01# 12000pF ±5% GRM2192C1H3JA01# 12000pF ±5% GRM2192C1H13JA01# 12000pF ±5% GRM2191X1H223JA01# 12000pF ±5% GRM2193U1H223JA01# 27000pF ±5% GRM2193U1H223JA01# 27000pF ±5% GRM2193U1H23JA01# 12000pF ±5% GRM2193U1H233JA01# 12000pF ±5% G | | | | | | |
| 15000pF | | | | | | |
| 18000pF | | | SL | <u> </u> | | |
| U2J 12000pF ±5% GRM2167U1H123JA01# 15000pF ±5% GRM2167U1H13JA01# 18000pF ±5% GRM2163U1H103JA01# 12000pF ±5% GRM2163U1H123JA01# 15000pF ±5% GRM2163U1H13JA01# 18000pF ±5% GRM2163U1H13JA01# 18000pF ±5% GRM2163U1H183JA01# 18000pF ±5% GRM2163U1H183JA01# 18000pF ±5% GRM2163U1H183JA01# 18000pF ±5% GRM2195C1H562JA01# 6800pF ±5% GRM2195C1H562JA01# 10000pF ±5% GRM2195C1H103JA01# 12000pF ±5% GRM2195C1H103JA01# 12000pF ±5% GRM2195C1H103JA01# 15000pF ±5% GRM2195C1H13JA01# 6800pF ±5% GRM2192C1H562JA01# 6800pF ±5% GRM2192C1H682JA01# 12000pF ±5% GRM2192C1H682JA01# 12000pF ±5% GRM2192C1H103JA01# 12000pF ±5% GRM2192C1H13JA01# 15000pF ±5% GRM2192C1H13JA01# 12000pF ±5% GRM2192C1H13JA01# 12000pF ±5% GRM2192C1H13JA01# 12000pF ±5% GRM2191X1H223JA01# 12000pF ±5% GRM2191X1H223JA01# 12000pF ±5% GRM2197U1H23JA01# 12000pF ±5% GRM2197U1H23JA01# 12000pF ±5% GRM2193U1H23JA01# 12000pF | | | | <u> </u> | | |
| 15000pF | | | | | | |
| 18000pF | | | U2J | <u> </u> | | |
| UJ 10000pF ±5% GRM2163U1H103JA01# 12000pF ±5% GRM2163U1H123JA01# 15000pF ±5% GRM2163U1H13JA01# 18000pF ±5% GRM2163U1H183JA01# 18000pF ±5% GRM2163U1H183JA01# 6800pF ±5% GRM2195C1H562JA01# 6800pF ±5% GRM2195C1H682JA01# 10000pF ±5% GRM2195C1H82JA01# 12000pF ±5% GRM2195C1H103JA01# 15000pF ±5% GRM2195C1H103JA01# 6800pF ±5% GRM2195C1H123JA01# 6800pF ±5% GRM2195C1H123JA01# 15000pF ±5% GRM2192C1H562JA01# 6800pF ±5% GRM2192C1H682JA01# 12000pF ±5% GRM2192C1H682JA01# 12000pF ±5% GRM2192C1H103JA01# 12000pF ±5% GRM2192C1H103JA01# 15000pF ±5% GRM2192C1H123JA01# 15000pF ±5% GRM2192C1H123JA01# 12000pF ±5% GRM2192C1H153JA01# 12000pF ±5% GRM2192C1H123JA01# 12000pF ±5% GRM2191X1H223JA01# 27000pF ±5% GRM2197U1H223JA01# 27000pF ±5% GRM2197U1H223JA01# 27000pF ±5% GRM2197U1H223JA01# 10Vdc SL 56000pF ±5% GRM2193U1H273JA01# U2J 56000pF ±5% GRM2193U1H273JA01# U2J 56000pF ±5% GRM2193U1A563JA01# U2J 56000pF ±5% GRM2197U1A563JA01# U2J 56000pF ±5% GRM2193U1A563JA01# U2J 56000pF ±5% GRM2193U1A563JA01# U2J 56000pF ±5% GRM2193U1A563JA01# | | | | <u> </u> | | |
| 12000pF | | | | | | |
| 15000pF | | | UJ | <u> </u> | ±5% | |
| 18000pF | | | | 12000pF | ±5% | GRM2163U1H123JA01# |
| 0.95mm 50Vdc COG 5600pF ±5% GRM2195C1H562JA01# 8200pF ±5% GRM2195C1H682JA01# 10000pF ±5% GRM2195C1H103JA01# 12000pF ±5% GRM2195C1H103JA01# 15000pF ±5% GRM2195C1H123JA01# 15000pF ±5% GRM2195C1H153JA01# 6800pF ±5% GRM2192C1H562JA01# 8200pF ±5% GRM2192C1H682JA01# 10000pF ±5% GRM2192C1H822JA01# 12000pF ±5% GRM2192C1H103JA01# 12000pF ±5% GRM2192C1H103JA01# 15000pF ±5% GRM2192C1H123JA01# 15000pF ±5% GRM2192C1H153JA01# 15000pF ±5% GRM2191X1H223JA01# 27000pF ±5% GRM2191X1H223JA01# 27000pF ±5% GRM2197U1H223JA01# 27000pF ±5% GRM2193U1H223JA01# 27000pF ±5% GRM2193U1H23JA01# U2J 56000pF ±5% GRM2197U1A563JA01# U2J 56000pF ±5% GRM2193U1A563JA01# U3J 56000pF | | | | 15000pF | ±5% | GRM2163U1H153JA01# |
| 6800pF ±5% GRM2195C1H682JA01# 8200pF ±5% GRM2195C1H822JA01# 10000pF ±5% GRM2195C1H103JA01# 12000pF ±5% GRM2195C1H123JA01# 15000pF ±5% GRM2195C1H123JA01# 15000pF ±5% GRM2192C1H562JA01# 6800pF ±5% GRM2192C1H682JA01# 8200pF ±5% GRM2192C1H822JA01# 10000pF ±5% GRM2192C1H103JA01# 12000pF ±5% GRM2192C1H103JA01# 15000pF ±5% GRM2192C1H123JA01# 15000pF ±5% GRM2192C1H153JA01# 27000pF ±5% GRM2191X1H223JA01# 27000pF ±5% GRM2191X1H223JA01# U2J 22000pF ±5% GRM2197U1H223JA01# 27000pF ±5% GRM2197U1H223JA01# 27000pF ±5% GRM2193U1H223JA01# 27000pF ±5% GRM2193U1H223JA01# 27000pF ±5% GRM2193U1H223JA01# U3 256000pF ±5% GRM2193U1H23JA01# U3 56000pF ±5% GRM2197U1A563JA01# U3 56000pF ±5% GRM2197U1A563JA01# U3 56000pF ±5% GRM2193U1A563JA01# | | | | 18000pF | ±5% | GRM2163U1H183JA01# |
| 8200pF | 0.95mm | 50Vdc | COG | 5600pF | ±5% | GRM2195C1H562JA01# |
| 10000pF | | | | 6800pF | ±5% | GRM2195C1H682JA01# |
| 12000pF | | | | 8200pF | ±5% | GRM2195C1H822JA01# |
| 15000pF | | | | 10000pF | ±5% | GRM2195C1H103JA01# |
| CH 5600pF ±5% GRM2192C1H562JA01# 8200pF ±5% GRM2192C1H682JA01# 8200pF ±5% GRM2192C1H822JA01# 10000pF ±5% GRM2192C1H103JA01# 12000pF ±5% GRM2192C1H123JA01# 15000pF ±5% GRM2192C1H123JA01# SL 22000pF ±5% GRM2191X1H223JA01# 27000pF ±5% GRM2191X1H223JA01# U2J 22000pF ±5% GRM2197U1H223JA01# U3 22000pF ±5% GRM2197U1H223JA01# U3 22000pF ±5% GRM2193U1H223JA01# 27000pF ±5% GRM2193U1H223JA01# 27000pF ±5% GRM2193U1H223JA01# 10Vdc SL 56000pF ±5% GRM2197U1A563JA01# U2J 56000pF ±5% GRM2197U1A563JA01# U3 56000pF ±5% GRM2193U1A563JA01# | | | | 12000pF | ±5% | GRM2195C1H123JA01# |
| 6800pF ±5% GRM2192C1H682JA01# 8200pF ±5% GRM2192C1H822JA01# 10000pF ±5% GRM2192C1H103JA01# 12000pF ±5% GRM2192C1H123JA01# 15000pF ±5% GRM2192C1H153JA01# SL 22000pF ±5% GRM2191X1H223JA01# 27000pF ±5% GRM2191X1H223JA01# U2J 22000pF ±5% GRM2197U1H223JA01# 27000pF ±5% GRM2197U1H223JA01# UJ 22000pF ±5% GRM2193U1H223JA01# 27000pF ±5% GRM2193U1H223JA01# 27000pF ±5% GRM2193U1H223JA01# UJ 56000pF ±5% GRM2197U1A563JA01# U2J 56000pF ±5% GRM2197U1A563JA01# UJ 56000pF ±5% GRM2193U1A563JA01# | | | | 15000pF | ±5% | GRM2195C1H153JA01# |
| 8200pF ±5% GRM2192C1H822JA01# 10000pF ±5% GRM2192C1H103JA01# 12000pF ±5% GRM2192C1H123JA01# 15000pF ±5% GRM2192C1H153JA01# SL 22000pF ±5% GRM2191X1H223JA01# 27000pF ±5% GRM2191X1H273JA01# U2J 22000pF ±5% GRM2197U1H223JA01# 27000pF ±5% GRM2197U1H273JA01# UJ 22000pF ±5% GRM2193U1H223JA01# 27000pF ±5% GRM2193U1H273JA01# 10Vdc SL 56000pF ±5% GRM2193U1H273JA01# U2J 56000pF ±5% GRM2197U1A563JA01# U3J 56000pF ±5% GRM2197U1A563JA01# U3J 56000pF ±5% GRM2193U1A563JA01# | | | СН | 5600pF | ±5% | GRM2192C1H562JA01# |
| 10000pF | | | | 6800pF | ±5% | GRM2192C1H682JA01# |
| 12000pF | | | | 8200pF | ±5% | GRM2192C1H822JA01# |
| 15000pF | | | | 10000pF | ±5% | GRM2192C1H103JA01# |
| 15000pF | | | | 12000pF | ±5% | GRM2192C1H123JA01# |
| SL 22000pF ±5% GRM2191X1H223JA01# 27000pF ±5% GRM2191X1H273JA01# U2J 22000pF ±5% GRM2197U1H223JA01# 27000pF ±5% GRM2197U1H273JA01# UJ 22000pF ±5% GRM2193U1H223JA01# 27000pF ±5% GRM2193U1H273JA01# 27000pF ±5% GRM2193U1H273JA01# U3J 56000pF ±5% GRM2197U1A563JA01# U2J 56000pF ±5% GRM2197U1A563JA01# UJ 56000pF ±5% GRM2193U1A563JA01# | | | | · · | | |
| 27000pF | | | SL | • | | |
| U2J 22000pF ±5% GRM2197U1H223JA01# 27000pF ±5% GRM2197U1H273JA01# UJ 22000pF ±5% GRM2193U1H223JA01# 27000pF ±5% GRM2193U1H273JA01# 10Vdc SL 56000pF ±5% GRM2191X1A563JA01# U2J 56000pF ±5% GRM2197U1A563JA01# UJ 56000pF ±5% GRM2193U1A563JA01# | | | | · · | | |
| 27000pF ±5% GRM2197U1H273JA01# UJ 22000pF ±5% GRM2193U1H223JA01# 27000pF ±5% GRM2193U1H273JA01# 10Vdc SL 56000pF ±5% GRM2191X1A563JA01# U2J 56000pF ±5% GRM2197U1A563JA01# UJ 56000pF ±5% GRM2193U1A563JA01# | | | U2.J | | | |
| UJ 22000pF ±5% GRM2193U1H223JA01# 27000pF ±5% GRM2193U1H273JA01# 10Vdc SL 56000pF ±5% GRM2191X1A563JA01# U2J 56000pF ±5% GRM2197U1A563JA01# UJ 56000pF ±5% GRM2193U1A563JA01# | | | | · · | | |
| 27000pF ±5% GRM2193U1H273JA01# 10Vdc SL 56000pF ±5% GRM2191X1A563JA01# U2J 56000pF ±5% GRM2197U1A563JA01# UJ 56000pF ±5% GRM2193U1A563JA01# | | | [],[| | | |
| 10Vdc SL 56000pF ±5% GRM2191X1A563JA01# U2J 56000pF ±5% GRM2197U1A563JA01# UJ 56000pF ±5% GRM2193U1A563JA01# | | | | - | | |
| U2J 56000pF ±5% GRM2197U1A563JA01# UJ 56000pF ±5% GRM2193U1A563JA01# | | 10\/da | QI | | | |
| UJ 56000pF ±5% GRM2193U1A563JA01# | | TOVAC | | | | |
| · · · · · · · · · · · · · · · · · · · | | | | | | |
| | 4 | E01/ ! | | | | |
| U2J 33000pF ±5% GRM21A7U1H333JA39# | 1mm | 50Vdc | SL | 33000pF | ±5% | GRM21A1X1H333JA39# |

Т

max.

Rated TC Voltage Code

Cap.

Tol.

Part Number

(→ **■** 2.0×1.25mm)

| | _ | | | |
|------------------|---------------------------|---|--|---|
| Rated Voltage | TC Code | Сар. | Tol. | Part Number |
| 50Vdc | UJ | 33000pF | ±5% | GRM21A3U1H333JA39# |
| 50Vdc | COG | 18000pF | ±5% | GRM21B5C1H183JA01# |
| | | 22000pF | ±5% | GRM21B5C1H223JA01# |
| | СН | 18000pF | ±5% | GRM21B2C1H183JA01# |
| | | 22000pF | ±5% | GRM21B2C1H223JA01# |
| | SL | 39000pF | ±5% | GRM21B1X1H393JA01# |
| | | 47000pF | ±5% | GRM21B1X1H473JA01# |
| | U2J | 39000pF | ±5% | GRM21B7U1H393JA01# |
| | | 47000pF | ±5% | GRM21B7U1H473JA01# |
| | UJ | 39000pF | ±5% | GRM21B3U1H393JA01# |
| | | 47000pF | ±5% | GRM21B3U1H473JA01# |
| 10Vdc | SL | 68000pF | ±5% | GRM21B1X1A683JA01# |
| | | 82000pF | ±5% | GRM21B1X1A823JA01# |
| | | 0.1µF | ±5% | GRM21B1X1A104JA01# |
| | U2J | 68000pF | ±5% | GRM21B7U1A683JA01# |
| | | 82000pF | ±5% | GRM21B7U1A823JA01# |
| | | 0.1µF | ±5% | GRM21B7U1A104JA01# |
| | UJ | 68000pF | ±5% | GRM21B3U1A683JA01# |
| | | 82000pF | ±5% | GRM21B3U1A823JA01# |
| | | 0.1µF | ±5% | GRM21B3U1A104JA01# |
| | Voltage 50Vdc 50Vdc | Voltage Code 50Vdc UJ 50Vdc CGG CH SL U2J UJ 10Vdc SL U2J U2J | Voltage Code Cdp. 50Vdc UJ 33000pF 50Vdc C0G 18000pF 22000pF 22000pF 22000pF 22000pF 47000pF 47000pF U2J 39000pF 47000pF 47000pF 10Vdc SL 68000pF 82000pF 0.1μF U2J 68000pF 82000pF 0.1μF UJ 68000pF 82000pF 0.1μF UJ 68000pF 82000pF 0.1μF UJ 68000pF 82000pF 0.1μF | Voltage Code Cap. 101. 50Vdc UJ 33000pF ±5% 50Vdc COG 18000pF ±5% 22000pF ±5% ±5% 22000pF ±5% ±5% 22000pF ±5% ±5% 47000pF ±5% ±5% 47000pF ±5% ±5% 47000pF ±5% ±5% 47000pF ±5% ±5% 82000pF ±5% ±5% 0.1μF ±5% ±5% 0.01μF ±5% ±5% 0.01μF ±5% ±5% 0.01μF ±5% ±5% 0.01μF ±5% ±5% |

| | 3.2×1 | .6mm |
|--|----------------|------|
|--|----------------|------|

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number | |
|-----------|------------------|------------|---------|---------|--------------------|--------------------|
| 0.95mm | 100Vdc | COG | 1800pF | ±5% | GRM3195C2A182JA01# | |
| | | | 2200pF | ±5% | GRM3195C2A222JA01# | |
| | | | 2700pF | ±5% | GRM3195C2A272JA01# | |
| | | | 3300pF | ±5% | GRM3195C2A332JA01# | |
| | | | 3900pF | ±5% | GRM3195C2A392JA01# | |
| | | | 4700pF | ±5% | GRM3195C2A472JA01# | |
| | | | 5600pF | ±5% | GRM3195C2A562JA01# | |
| | | | 6800pF | ±5% | GRM3195C2A682JA01# | |
| | | | 8200pF | ±5% | GRM3195C2A822JA01# | |
| | | | 10000pF | ±5% | GRM3195C2A103JA01# | |
| | | | 12000pF | ±5% | GRM3195C2A123JA01# | |
| | | | 15000pF | ±5% | GRM3195C2A153JA01# | |
| | | | 18000pF | ±5% | GRM3195C2A183JA01# | |
| | | | 22000pF | ±5% | GRM3195C2A223JA01# | |
| | | СН | 1800pF | ±5% | GRM3192C2A182JA01# | |
| | | | 2200pF | ±5% | GRM3192C2A222JA01# | |
| | | | 2700pF | ±5% | GRM3192C2A272JA01# | |
| | | | 3300pF | ±5% | GRM3192C2A332JA01# | |
| | | | 3900pF | ±5% | GRM3192C2A392JA01# | |
| | | | 4700pF | ±5% | GRM3192C2A472JA01# | |
| | | | 5600pF | ±5% | GRM3192C2A562JA01# | |
| | | | 6800pF | ±5% | GRM3192C2A682JA01# | |
| | | | 8200pF | ±5% | GRM3192C2A822JA01# | |
| | | | | 10000pF | ±5% | GRM3192C2A103JA01# |
| | | | 12000pF | ±5% | GRM3192C2A123JA01# | |
| | | | 15000pF | ±5% | GRM3192C2A153JA01# | |
| | | | 18000pF | ±5% | GRM3192C2A183JA01# | |
| | | | 22000pF | ±5% | GRM3192C2A223JA01# | |
| | 50Vdc | C0G | 12000pF | ±5% | GRM3195C1H123JA01# | |

| 0.95mm | 50Vdc | COG | 15000pF | ±5% | GRM3195C1H153JA01# |
|--------|-------|-----|---------|-----|--------------------|
| | | | 18000pF | ±5% | GRM3195C1H183JA01# |
| | | | 22000pF | ±5% | GRM3195C1H223JA01# |
| | | | 27000pF | ±5% | GRM3195C1H273JA01# |
| | | | 33000pF | ±5% | GRM3195C1H333JA01# |
| | | | 39000pF | ±5% | GRM3195C1H393JA01# |
| | | СН | 12000pF | ±5% | GRM3192C1H123JA01# |
| | | | 15000pF | ±5% | GRM3192C1H153JA01# |
| | | | 18000pF | ±5% | GRM3192C1H183JA01# |
| | | | 22000pF | ±5% | GRM3192C1H223JA01# |
| | | | 27000pF | ±5% | GRM3192C1H273JA01# |
| | | | 33000pF | ±5% | GRM3192C1H333JA01# |
| | | | 39000pF | ±5% | GRM3192C1H393JA01# |
| | | SL | 56000pF | ±5% | GRM3191X1H563JA01# |
| | | U2J | 56000pF | ±5% | GRM3197U1H563JA01# |
| | | UJ | 56000pF | ±5% | GRM3193U1H563JA01# |
| 1.25mm | 50Vdc | COG | 47000pF | ±5% | GRM31M5C1H473JA01# |
| | | | 56000pF | ±5% | GRM31M5C1H563JA01# |
| | | СН | 47000pF | ±5% | GRM31M2C1H473JA01# |
| | | | 56000pF | ±5% | GRM31M2C1H563JA01# |
| | | SL | 68000pF | ±5% | GRM31M1X1H683JA01# |
| | | | 82000pF | ±5% | GRM31M1X1H823JA01# |
| | | U2J | 0.1µF | ±5% | GRM31M1X1H104JA01# |
| | | | 68000pF | ±5% | GRM31M7U1H683JA01# |
| | | | 82000pF | ±5% | GRM31M7U1H823JA01# |
| | | | 0.1µF | ±5% | GRM31M7U1H104JA01# |
| | | UJ | 68000pF | ±5% | GRM31M3U1H683JA01# |
| | | | 82000pF | ±5% | GRM31M3U1H823JA01# |
| | | | 0.1µF | ±5% | GRM31M3U1H104JA01# |
| 1.8mm | 50Vdc | C0G | 68000pF | ±5% | GRM31C5C1H683JA01# |
| | | | 82000pF | ±5% | GRM31C5C1H823JA01# |
| | | | 0.1µF | ±5% | GRM31C5C1H104JA01# |
| | | СН | 68000pF | ±5% | GRM31C2C1H683JA01# |
| | | | 82000pF | ±5% | GRM31C2C1H823JA01# |
| | | | 0.1µF | ±5% | GRM31C2C1H104JA01# |



| ■ 0.4 | ×0.2mı | m comp | ra- pact | | |
|-----------|------------------|------------|-------------|--------------------|--------------------|
| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number |
| 0.22mm | 10Vdc | X7R | 68pF | ±10% | GRM022R71A680KA01# |
| | | | | ±20% | GRM022R71A680MA01# |
| | | | 100pF | ±10% | GRM022R71A101KA01# |
| | | | | ±20% | GRM022R71A101MA01# |
| | | | 150pF | ±10% | GRM022R71A151KA01# |
| | | | | ±20% | GRM022R71A151MA01# |
| | | | 220pF | ±10% | GRM022R71A221KA01# |
| | | | | ±20% | GRM022R71A221MA01# |
| | | | 330pF | ±10% | GRM022R71A331KA01# |
| | | | | ±20% | GRM022R71A331MA01# |
| | | | 470pF | ±10% | GRM022R71A471KA01# |
| | | | | ±20% | GRM022R71A471MA01# |
| | | X5R | 68pF | ±10% | GRM022R61A680KA01# |
| | | | | ±20% | GRM022R61A680MA01# |
| | | | 100pF | ±10% | GRM022R61A101KA01# |
| | | | | ±20% | GRM022R61A101MA01# |
| | | | 150pF | ±10% | GRM022R61A151KA01# |
| | | | | ±20% | GRM022R61A151MA01# |
| | | | 220pF | ±10% | GRM022R61A221KA01# |
| | | | | ±20% | GRM022R61A221MA01# |
| | | | 330pF | ±10% | GRM022R61A331KA01# |
| | | | | ±20% | GRM022R61A331MA01# |
| | | | 470pF | ±10% | GRM022R61A471KA01# |
| | | | | ±20% | GRM022R61A471MA01# |
| | | | 680pF | ±10% | GRM022R61A681KE19# |
| | | | | ±20% | GRM022R61A681ME19# |
| | | | 1000pF | ±10% | GRM022R61A102KE19# |
| | | | | ±20% | GRM022R61A102ME19# |
| | | | 1500pF | ±10% | GRM022R61A152KE19# |
| | | | | ±20% | GRM022R61A152ME19# |
| | | | 2200pF | ±10% | GRM022R61A222KE19# |
| | | | | ±20% | GRM022R61A222ME19# |
| | | | 3300pF | ±10% | GRM022R61A332KE19# |
| | | | | ±20% | GRM022R61A332ME19# |
| | | | 4700pF | ±10% | GRM022R61A472KE19# |
| | | | | ±20% | GRM022R61A472ME19# |
| | | | 6800pF | ±10% | GRM022R61A682KE19# |
| | | | | ±20% | GRM022R61A682ME19# |
| | | | 10000pF | ±10% | GRM022R61A103KE19# |
| | | | | ±20% | GRM022R61A103ME19# |
| | | В | 68pF | ±10% | GRM022B11A680KA01# |
| | | | | ±20% | GRM022B11A680MA01# |
| | | | 100pF | ±10% | GRM022B11A101KA01# |
| | | | | ±20% | GRM022B11A101MA01# |
| | | | 150pF | ±10% | GRM022B11A151KA01# |
| | | | 14-1 | ±20% | GRM022B11A151MA01# |
| | | 220pF | ±10% | GRM022B11A221KA01# | |
| | | | ZZUPF | ±20% | GRM022B11A221MA01# |
| | | | 330pF | ±10% | GRM022B11A331KA01# |
| | | | 330pF | ±20% | GRM022B11A331MA01# |
| | | | 470pF | ±10% | GRM022B11A471KA01# |
| | | | | ±20% | GRM022B11A471MA01# |
| | l | | | | |

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number | |
|-----------|------------------|------------|------------------|--------------|--|----------|
| .22mm | 10Vdc | В | 680pF | ±10% | GRM022B31A681KE19# | |
| | | | | ±20% | GRM022B31A681ME19# | |
| | | | 1000pF | ±10% | GRM022B31A102KE19# | |
| | | | | ±20% | GRM022B31A102ME19# | |
| | | | 1500pF | ±10% | GRM022B31A152KE19# | |
| | | | | ±20% | GRM022B31A152ME19# | |
| | | | 2200pF | ±10% | GRM022B31A222KE19# | |
| | | | | ±20% | GRM022B31A222ME19# | |
| | | | 3300pF | ±10% | GRM022B31A332KE19# | |
| | | | | ±20% | GRM022B31A332ME19# | |
| | | | 4700pF | ±10% | GRM022B31A472KE19# | |
| | | | | ±20% | GRM022B31A472ME19# | |
| | | | 6800pF | ±10% | GRM022B31A682KE19# | |
| | | | | ±20% | GRM022B31A682ME19# | |
| | | | 10000pF | ±10% | GRM022B31A103KE19# | |
| | 0.01/1 | V5D | 222 5 | ±20% | GRM022B31A103ME19# | |
| | 6.3Vdc | X5R | 680pF | ±20% | GRM022R60J681ME19# | |
| | | | 1000pF | ±20% | GRM022R60J102ME19# | |
| | | | 1500pF | ±20% | GRM022R60J152ME19# | |
| | | | 2200pF | ±20% | GRM022R60J222ME19# | |
| | | | 3300pF | ±20% | GRM022R60J332ME19# | |
| | | | 4700pF 6800pF | ±20% ±20% | GRM022R60J472ME19# GRM022R60J682ME19# | |
| | | | 10000pF | ±20% | GRM022R60J103ME19# | |
| | | | 15000pF | ±20% | GRM022R60J153ME15# | Derating |
| | | | 22000pF | ±10% | GRM022R60J223KE15# | Derating |
| | | | 2200001 | ±20% | GRM022R60J223ME15# | Derating |
| | | | 33000pF | ±20% | GRM022R60J333ME15# | Derating |
| | | | 47000pF | ±20% | GRM022R60J473ME15# | Derating |
| | | | 68000pF | ±20% | GRM022R60J683ME15# | Derating |
| | | | 0.1µF | ±20% | GRM022R60J104ME15# | Derating |
| | | В | 680pF | ±20% | GRM022B30J681ME19# | |
| | | | 1000pF | ±20% | GRM022B30J102ME19# | |
| | | | 1500pF | ±20% | GRM022B30J152ME19# | |
| | | | 2200pF | ±20% | GRM022B30J222ME19# | |
| | | | 3300pF | ±20% | GRM022B30J332ME19# | |
| | | | 4700pF | ±20% | GRM022B30J472ME19# | |
| | | | 6800pF | ±20% | GRM022B30J682ME19# | |
| | | | 10000pF | ±20% | GRM022B30J103ME19# | |
| | 4Vdc | X5R | 15000pF | ±10% | GRM022R60G153KE15# | |
| | | | | ±20% | GRM022R60G153ME15# | |
| | | | 22000pF | ±10% | GRM022R60G223KE15# | |
| | | | | ±20% | GRM022R60G223ME15# | |
| | | | 33000pF | ±10% | GRM022R60G333KE15# | |
| | | | | ±20% | GRM022R60G333ME15# | |
| | | | 47000pF | ±10% | GRM022R60G473KE15# | |
| | | | | ±20% | GRM022R60G473ME15# | |
| | | | 68000pF | ±20% | GRM022R60G683ME15# | |
| | | | 0.1µF | ±20% | GRM022R60G104ME15# | |
| | | | | | | |

■ 0.6×0.3mm Ultra-

| 0.07 | (0.3mi | II comp | pact | | |
|-----------|------------------|------------|-----------|------|--------------------|
| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number |
| 0.33mm | 50Vdc | X7R | 100pF | ±10% | GRM033R71H101KA12# |
| | | | | ±20% | GRM033R71H101MA12# |
| | | | 150pF | ±10% | GRM033R71H151KA12# |
| | | | | ±20% | GRM033R71H151MA12# |
| | | | 220pF | ±10% | GRM033R71H221KA12# |
| | | | | ±20% | GRM033R71H221MA12# |
| | | | 330pF | ±10% | GRM033R71H331KA12# |
| | | | | ±20% | GRM033R71H331MA12# |
| | | | 470pF | ±10% | GRM033R71H471KA12# |
| | | | | ±20% | GRM033R71H471MA12# |
| | | | 680pF | ±10% | GRM033R71H681KA12# |
| | | | | ±20% | GRM033R71H681MA12# |
| | | | 1000pF | ±10% | GRM033R71H102KA12# |
| | | | | ±20% | GRM033R71H102MA12# |
| | | | 1500pF | ±10% | GRM033R71H152KA12# |
| | | | | ±20% | GRM033R71H152MA12# |
| | | В | 100pF | ±10% | GRM033B31H101KA12# |
| | | | | ±20% | GRM033B31H101MA12# |
| | | | 150pF | ±10% | GRM033B31H151KA12# |
| | | | | ±20% | GRM033B31H151MA12# |
| | | | 220pF | ±10% | GRM033B31H221KA12# |
| | | | | ±20% | GRM033B31H221MA12# |
| | | | 330pF | ±10% | GRM033B31H331KA12# |
| | | | | ±20% | GRM033B31H331MA12# |
| | | | 470pF | ±10% | GRM033B31H471KA12# |
| | | | | ±20% | GRM033B31H471MA12# |
| | | | 680pF | ±10% | GRM033B31H681KA12# |
| | | | | ±20% | GRM033B31H681MA12# |
| | | | 1000pF | ±10% | GRM033B31H102KA12# |
| | | | | ±20% | GRM033B31H102MA12# |
| | | | 1500pF | ±10% | GRM033B31H152KA12# |
| | | | | ±20% | GRM033B31H152MA12# |
| | 25Vdc | X7R | 100pF | ±10% | GRM033R71E101KA01# |
| | | | 150pF | ±10% | GRM033R71E151KA01# |
| | | | 220pF | ±10% | GRM033R71E221KA01# |
| | | | 330pF | ±10% | GRM033R71E331KA01# |
| | | | 470pF | ±10% | GRM033R71E471KA01# |
| | | | 680pF | ±10% | GRM033R71E681KA01# |
| | | | 1000pF | ±10% | GRM033R71E102KA01# |
| | | | 1500pF | ±10% | GRM033R71E152KA01# |
| | | | 2200pF | ±10% | GRM033R71E222KA12# |
| | | | | ±20% | GRM033R71E222MA12# |
| | | | 3300pF | ±10% | GRM033R71E332KA12# |
| | | | · | ±20% | GRM033R71E332MA12# |
| | | R | 100pF | ±10% | GRM033R11E101KA01# |
| | | | 150pF | ±10% | GRM033R11E151KA01# |
| | | | 220pF | ±10% | GRM033R11E221KA01# |
| | | | 330pF | ±10% | GRM033R11E331KA01# |
| | | | 470pF | ±10% | GRM033R11E471KA01# |
| | | | 680pF | ±10% | GRM033R11E681KA01# |
| | | | 1000pF | ±10% | GRM033R11E102KA01# |
| | | | 1500pF | ±10% | GRM033R11E152KA01# |
| | | | · · · · · | · | |

| 0.33mm | T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number | |
|--|-----------|------------------|------------|---------|------|--------------------|-----------|
| 220pF | 0.33mm | 25Vdc | X5R | 100pF | ±10% | GRM033R61E101KA01# | |
| 330pF | | | | 150pF | ±10% | GRM033R61E151KA01# | |
| A70pF | | | | 220pF | ±10% | GRM033R61E221KA01# | |
| B80pF | | | | 330pF | ±10% | GRM033R61E331KA01# | |
| 1000pF | | | | 470pF | ±10% | GRM033R61E471KA01# | |
| 10000pF | | | | 680pF | ±10% | GRM033R61E681KA01# | |
| B | | | | 1000pF | ±10% | GRM033R61E102KA01# | |
| B | | | | 10000pF | ±10% | GRM033R61E103KA12# | Derating |
| 150pF | | | | | ±20% | GRM033R61E103MA12# | Derating |
| 220pF | | | В | 100pF | ±10% | GRM033B11E101KA01# | |
| 330pF | | | | 150pF | ±10% | GRM033B11E151KA01# | |
| 470pF | | | | 220pF | ±10% | GRM033B11E221KA01# | |
| 680pF | | | | 330pF | ±10% | GRM033B11E331KA01# | |
| 1000pF | | | | 470pF | ±10% | GRM033B11E471KA01# | |
| 1500pF | | | | 680pF | ±10% | GRM033B11E681KA01# | |
| 1500pF | | | | 1000pF | ±10% | GRM033B11E102KA01# | |
| +20% GRM033B11E152MA01# | | | | | ±20% | GRM033B11E102MA01# | |
| +20% GRM033B11E152MA01# | | | | 1500pF | ±10% | GRM033B11E152KA01# | |
| # 20% GRM033B31E222MA12# # 20% GRM033B31E332MA12# # 20% GRM033B31E332MA12# # 20% GRM033B31E103MA12# # 20% GRM033B11C322KA88# # 3300pF ±10% GRM033R11C322KA88# # 3300pF ±10% GRM033B11C332KA88# # 20% GRM033B11C332KA88# # 20% GRM033B11C332KA88# # 20% GRM033B11C33XA88# # 20% GRM033B11C33XA88# # 20% GRM033B11C33XA88# # 20% GRM033B11C33XA87# # 20% GRM033B31C22ZMA87# # 20% GRM033B31C32XA87# # 20% GRM033B31C33XA87# # 20% GRM033B31C103MA12# # 20% GRM033B31C103MA12# # 20% GRM033B31C103MA12# # 20% GRM033B31C104KE84# # 20% GRM03B31C104KE84# # 20% GRM03B31C104KE04# # 20% GRM03B71A472KA01# # 20% GRM03B71A103KA01# # 20% GRM03B71A103MA01# # 20 | | | | | ±20% | GRM033B11E152MA01# | |
| 3300pF | | | | 2200pF | ±10% | GRM033B31E222KA12# | |
| ±20% GRM033B31E332MA12# ±20% GRM033B31E103KA12# ±20% GRM033B31E103MA12# ±20% GRM033B31E103MA12# ±20% GRM033R71C222KA88# 3300pF ±10% GRM033R71C322KA88# 3300pF ±10% GRM033R11C222KA88# 3300pF ±10% GRM033R11C332KA88# ER ±20% GRM033R61C103KA12# ±20% GRM033R61C103KA12# ±20% GRM033R61C104KE84# ±20% GRM033B31C22ZKA87# ±20% GRM033B31C22ZKA87# ±20% GRM033B31C32ZKA87# ±20% GRM033B31C32XKA87# ±20% GRM033B31C33ZKA87# ±20% GRM033B31C33ZKA87# ±20% GRM033B31C103KA12# ±20% GRM033B31C103KA12# ±20% GRM033B31C104KE84# ±20% GRM033B31C104KE84# ±20% GRM033B31C104KE84# ±20% GRM033B31C104KE84# ±20% GRM033R71A47ZKA01# ±20% GRM033R71A47ZKA01# ±20% GRM033R71A103KA01# ±20% GRM033R71A103KA01# ±20% GRM033R71A103KA01# ±20% GRM033R71A103KA01# ±20% GRM033R71A47ZKA01# ±20% GRM033R71A103KA01# ±20% GRM033R71A103KA0 | | | | | ±20% | GRM033B31E222MA12# | |
| ±20% GRM033B31E332MA12# ±20% GRM033B31E103KA12# ±20% GRM033B31E103MA12# ±20% GRM033B31E103MA12# ±20% GRM033R71C222KA88# 3300pF ±10% GRM033R71C322KA88# 3300pF ±10% GRM033R11C222KA88# 3300pF ±10% GRM033R11C332KA88# ER ±20% GRM033R61C103KA12# ±20% GRM033R61C103KA12# ±20% GRM033R61C104KE84# ±20% GRM033B31C22ZKA87# ±20% GRM033B31C22ZKA87# ±20% GRM033B31C32ZKA87# ±20% GRM033B31C32XKA87# ±20% GRM033B31C33ZKA87# ±20% GRM033B31C33ZKA87# ±20% GRM033B31C103KA12# ±20% GRM033B31C103KA12# ±20% GRM033B31C104KE84# ±20% GRM033B31C104KE84# ±20% GRM033B31C104KE84# ±20% GRM033B31C104KE84# ±20% GRM033R71A47ZKA01# ±20% GRM033R71A47ZKA01# ±20% GRM033R71A103KA01# ±20% GRM033R71A103KA01# ±20% GRM033R71A103KA01# ±20% GRM033R71A103KA01# ±20% GRM033R71A47ZKA01# ±20% GRM033R71A103KA01# ±20% GRM033R71A103KA0 | | | | 3300pF | ±10% | GRM033B31E332KA12# | |
| 10000pF | | | | | | | |
| ±20% GRM033B31E103MA12# 2300pF ±10% GRM033R71C222KA88# 3300pF ±10% GRM033R71C222KA88# 3300pF ±10% GRM033R11C222KA88# 3300pF ±10% GRM033R11C332KA88# ER 2200pF ±10% GRM033R11C332KA88# ER 220% GRM033R61C103KA12# ±20% GRM033R61C103MA12# ±20% GRM033R61C104KE84# ±20% GRM033B31C222KA87# ±20% GRM033B31C222KA87# ±20% GRM033B31C222MA87# ±20% GRM033B31C332MA87# ±20% GRM033B31C103KA12# ±20% GRM033B31C103KA12# ±20% GRM033B31C103MA12# ±20% GRM033B31C104KE84# ±20% GRM033B31C104KE84# ±20% GRM033B31C104KE84# ±20% GRM033B31C104ME84# ±20% GRM033R71A472KA01# ±20% GRM033R71A472KA01# ±20% GRM033R71A472KA01# ±20% GRM033R71A682KA01# ±20% GRM033R71A103KA01# ±20% GRM033R71A103KA01# ±20% GRM033R11A472KA01# ±20% GRM033R11A682KA01# ±20% GRM033R11A03KA01# ±20% GRM033R11A103KA01# ±20% GRM033R11A103MA01# ± | | | | 10000pF | | | Derating |
| 16Vdc X7R 2200pF | | | | | | | \equiv |
| 3300pF | | 16Vdc | X7B | 2200nF | | | |
| R 2200pF ±10% GRM033R11C222KA88# 3300pF ±10% GRM033R61C103KA12# ±20% GRM033R61C103KA12# ±20% GRM033R61C104KE84# ±20% GRM033B31C222KA87# ±20% GRM033B31C222KA87# ±20% GRM033B31C222KA87# ±20% GRM033B31C32XKA87# ±20% GRM033B31C332KA87# ±20% GRM033B31C332KA87# ±20% GRM033B31C103KA12# ±20% GRM033B31C103KA12# ±20% GRM033B31C103KA12# ±20% GRM033B31C104KE84# ±20% GRM033B31C104KE84# ±20% GRM033B31C104KE84# ±20% GRM033B31C104KE84# ±20% GRM033B31C104KE84# ±20% GRM033R71A472KA01# ±20% GRM033R71A472KA01# ±20% GRM033R71A682KA01# ±20% GRM033R71A103KA01# ±20% GRM033R71A103KA01# ±20% GRM033R71A103KA01# ±20% GRM033R71A103KA01# ±20% GRM033R11A472KA01# ±20% GRM033R11A472KA01# ±20% GRM033R11A472KA01# ±20% GRM033R11A682KA01# ±20% GRM033R11A103KA01# ±20% GRM033R11A103MA01# ±20% | | | / | | | | |
| X5R 10000pF ±10% GRM033R61C103KA12# ±20% GRM033R61C103KA12# ±20% GRM033R61C104KE84# ±20% GRM033B31C222KA87# ±20% GRM033B31C222MA87# ±20% GRM033B31C222MA87# ±20% GRM033B31C332KA87# ±20% GRM033B31C332KA87# ±20% GRM033B31C332MA87# ±20% GRM033B31C103KA12# ±20% GRM033B31C103KA12# ±20% GRM033B31C103MA12# ±20% GRM033B31C104KE84# ±20% GRM033B31C104ME84# ±20% GRM033B31C104ME84# ±20% GRM033B31C104ME84# ±20% GRM033B31C104ME84# ±20% GRM033B31C104ME84# ±20% GRM033R71A472KA01# ±20% GRM033R71A472MA01# ±20% GRM033R71A682KA01# ±20% GRM033R71A103MA01# ±20% GRM033R71A103MA01# ±20% GRM033R71A103MA01# ±20% GRM033R71A103MA01# ±20% GRM033R11A472MA01# ±20% GRM033R11A472MA01# ±20% GRM033R11A682KA01# ±20% GRM033R11A682KA01# ±20% GRM033R11A682KA01# ±20% GRM033R11A682KA01# ±20% GRM033R11A682MA01# ±20% GRM033R11A682MA01# ±20% GRM033R11A682MA01# ±20% GRM033R11A682MA01# ±20% GRM033R11A682MA01# ±20% GRM033R11A682MA01# ±20% GRM033R11A103MA01# ±20% GRM0 | | | B | | | | |
| X5R 10000pF ±10% GRM033R61C103KA12# ±20% GRM033R61C103MA12# ±20% GRM033R61C104KE84# ±20% GRM033B31C222KA87# ±20% GRM033B31C222KA87# ±20% GRM033B31C322KA87# ±20% GRM033B31C332KA87# ±20% GRM033B31C332KA87# ±20% GRM033B31C332MA87# ±20% GRM033B31C103KA12# ±20% GRM033B31C103KA12# ±20% GRM033B31C103MA12# ±20% GRM033B31C104KE84# ±20% GRM033B31C104KE84# ±20% GRM033B31C104ME84# ±20% GRM033R71A472KA01# ±20% GRM033R71A472KA01# ±20% GRM033R71A682KA01# ±20% GRM033R71A103KA01# ±20% GRM033R71A103KA01# ±20% GRM033R71A103KA01# ±20% GRM033R11A472KA01# ±20% GRM033R11A472KA01# ±20% GRM033R11A472KA01# ±20% GRM033R11A682KA01# ±20% GRM033R11A103KA01# ±20% GRM033R11A103MA01# ±20% GRM0 | | | '' | | | | |
| ±20% GRM033R61C103MA12# ±20% GRM033R61C104KE84# ±20% GRM033B31C222KA87# ±20% GRM033B31C222MA87# ±20% GRM033B31C332KA87# ±20% GRM033B31C332KA87# ±20% GRM033B31C332MA87# ±20% GRM033B31C332MA87# ±20% GRM033B31C103KA12# ±20% GRM033B31C103KA12# ±20% GRM033B31C104KE84# ±20% GRM033B31C104KE84# ±20% GRM033B31C104ME84# ±20% GRM033R71A472KA01# ±20% GRM033R71A472KA01# ±20% GRM033R71A682KA01# ±20% GRM033R71A103KA01# ±20% GRM033R71A103KA01# ±20% GRM033R71A103MA01# ±20% GRM033R11A472KA01# ±20% GRM033R11A472KA01# ±20% GRM033R11A472KA01# ±20% GRM033R11A472KA01# ±20% GRM033R11A472KA01# ±20% GRM033R11A682KA01# ±20% GRM033R11A682KA01# ±20% GRM033R11A682MA01# ±20% GRM033R11A682MA01# ±20% GRM033R11A103KA01# ±20% GRM033R11A103MA01# | | | X5R | | | | |
| 0.1μF | | | Xort | Тоосорі | | | |
| #20% GRM033R61C104ME84# #20% GRM033B31C222KA87# #20% GRM033B31C222MA87# #20% GRM033B31C332KA87# #20% GRM033B31C332MA87# #20% GRM033B31C332MA87# #20% GRM033B31C103KA12# #20% GRM033B31C103KA12# #20% GRM033B31C104KE84# #20% GRM033B31C104ME84# #20% GRM033B31C104ME84# #20% GRM033B31C104ME84# #20% GRM033R71A472KA01# #20% GRM033R71A682KA01# #20% GRM033R71A682KA01# #20% GRM033R71A103KA01# #20% GRM033R11A472KA01# #20% GRM033R11A472KA01# #20% GRM033R11A472KA01# #20% GRM033R11A472KA01# #20% GRM033R11A472KA01# #20% GRM033R11A682KA01# #20% GRM033R11A682MA01# #20% GRM033R11A103KA01# | | | | 0.1uF | | | Derating |
| B 2200pF ±10% GRM033B31C222KA87# ±20% GRM033B31C222MA87# 10000pF ±10% GRM033B31C332KA87# ±20% GRM033B31C332MA87# 10000pF ±10% GRM033B31C103KA12# ±20% GRM033B31C103MA12# ±20% GRM033B31C104KE84# 10000pF ±10% GRM033B31C104ME84# 10000pF ±10% GRM033R71A472KA01# 10000pF ±10% GRM033R71A472MA01# 10000pF ±10% GRM033R71A103KA01# 120% GRM033R71A103MA01# 120% GRM033R71A103MA01# 120% GRM033R71A103MA01# 120% GRM033R71A103MA01# 120% GRM033R71A103MA01# 120% GRM033R71A103MA01# 120% GRM033R71A682KA01# 120% GRM033R71A103MA01# 120% GRM033R71A682KA01# 120% GRM033R71A682KA01# 120% GRM033R71A682MA01# 120% GRM033R71A682MA01# 120% GRM033R71A103KA01# 120% GRM033R71A103KA01# 120% GRM033R71A103KA01# 120% GRM033R71A103KA01# 120% GRM033R71A103KA01# 120% GRM033R71A103MA01# 120% GRM03AR71A103MA01# 120% GRM03AR71A103MA | | | | 0.1µ1 | | | |
| ±20% GRM033B31C222MA87# 3300pF | | | R | 2200nF | | | Deraulig |
| 3300pF | | | | ZZOOPI | | | |
| ±20% GRM033B31C332MA87# 10000pF | | | | 3300nF | | | _ |
| 10000pF | | | | оооорі | | | _ |
| ±20% GRM033B31C103MA12# 0.1μF ±10% GRM033B31C104KE84# 0.1μF ±20% GRM033B31C104ME84# 0.1μF ±20% GRM033R71A472KA01# ±20% GRM033R71A472MA01# ±20% GRM033R71A682KA01# ±20% GRM033R71A682MA01# ±20% GRM033R71A103KA01# ±20% GRM033R71A103MA01# ±20% GRM033R11A472KA01# ±20% GRM033R11A472KA01# ±20% GRM033R11A472MA01# ±20% GRM033R11A682KA01# ±20% GRM033R11A682MA01# ±20% GRM033R11A682MA01# ±20% GRM033R11A103KA01# ±20% GRM033R11A103KA01# ±20% GRM033R11A103KA01# ±20% GRM033R11A103KA01# ±20% GRM033R11A103MA01# ±20% GRM03R11A103MA01# ±20% GRM03R1 | | | | 10000pE | | | _ |
| 0.1μF | | | | Гоосорі | | | _ |
| #20% GRM033B31C104ME84# #20% GRM033B31C104ME84# #20% GRM033R71A472KA01# #20% GRM033R71A682KA01# #20% GRM033R71A682KA01# #20% GRM033R71A682MA01# #20% GRM033R71A103KA01# #20% GRM033R11A103MA01# #20% GRM033R11A472KA01# #20% GRM033R11A472MA01# #20% GRM033R11A682KA01# #20% GRM033R11A682KA01# #20% GRM033R11A682MA01# #20% GRM033R11A103KA01# #20% GRM033R11A103KA01# #20% GRM033R11A103KA01# | | | | 0.1uE | | | Derating |
| 10Vdc X7R 4700pF ±10% GRM033R71A472KA01# ±20% GRM033R71A472KA01# ±20% GRM033R71A682KA01# ±20% GRM033R71A682MA01# ±20% GRM033R71A682MA01# ±20% GRM033R71A103KA01# ±20% GRM033R71A103MA01# ±20% GRM033R11A472KA01# ±20% GRM033R11A472MA01# 6800pF ±10% GRM033R11A682KA01# ±20% GRM033R11A682MA01# 10000pF ±10% GRM033R11A103KA01# ±20% GRM033R11A103KA01# | | | | 0.1μ1 | | | = |
| #20% GRM033R71A472MA01# 6800pF ±10% GRM033R71A682KA01# ±20% GRM033R71A682MA01# 10000pF ±10% GRM033R71A103KA01# ±20% GRM033R71A103MA01# # ±20% GRM033R11A472KA01# # ±20% GRM033R11A472MA01# # ±20% GRM033R11A682KA01# # ±20% GRM033R11A682MA01# # ±20% GRM033R11A103KA01# # ±20% GRM033R11A103KA01# | | 10\/do | V7D | 4700pE | | | Derauling |
| 6800pF ±10% GRM033R71A682KA01# ±20% GRM033R71A682MA01# 10000pF ±10% GRM033R71A103KA01# ±20% GRM033R11A472KA01# ±20% GRM033R11A472KA01# ±20% GRM033R11A472MA01# 6800pF ±10% GRM033R11A682KA01# ±20% GRM033R11A682MA01# 10000pF ±10% GRM033R11A103KA01# ±20% GRM033R11A103KA01# | | 10000 | λ/π | 4700pi | | | |
| #20% GRM033R71A682MA01# 10000pF ±10% GRM033R71A103KA01# #20% GRM033R71A103MA01# #20% GRM033R11A472KA01# #20% GRM033R11A472MA01# #20% GRM033R11A682KA01# #20% GRM033R11A682KA01# #20% GRM033R11A103KA01# #20% GRM033R11A103KA01# | | | | C000=F | | | |
| 10000pF ±10% GRM033R71A103KA01# ±20% GRM033R71A103MA01# R 4700pF ±10% GRM033R11A472KA01# ±20% GRM033R11A472MA01# 6800pF ±10% GRM033R11A682KA01# ±20% GRM033R11A682MA01# 10000pF ±10% GRM033R11A103KA01# ±20% GRM033R11A103MA01# | | | | бооорг | | | _ |
| #20% GRM033R71A103MA01# R 4700pF ±10% GRM033R11A472KA01# #20% GRM033R11A472MA01# 6800pF ±10% GRM033R11A682KA01# #20% GRM033R11A682MA01# 10000pF ±10% GRM033R11A103KA01# #20% GRM033R11A103MA01# | | | | 10000-5 | | | - |
| R 4700pF ±10% GRM033R11A472KA01# ±20% GRM033R11A472MA01# 6800pF ±10% GRM033R11A682KA01# ±20% GRM033R11A682MA01# 10000pF ±10% GRM033R11A103KA01# ±20% GRM033R11A103MA01# | | | | TOUUUPF | | | - |
| ±20% GRM033R11A472MA01# 6800pF ±10% GRM033R11A682KA01# ±20% GRM033R11A682MA01# 10000pF ±10% GRM033R11A103KA01# ±20% GRM033R11A103MA01# | | | | 4700 5 | | | - |
| 6800pF ±10% GRM033R11A682KA01# ±20% GRM033R11A682MA01# 10000pF ±10% GRM033R11A103KA01# ±20% GRM033R11A103MA01# | | | H | 4/UUPF | | | - |
| ±20% GRM033R11A682MA01# 10000pF ±10% GRM033R11A103KA01# ±20% GRM033R11A103MA01# | | | | 6000 5 | | | _ |
| 10000pF ±10% GRM033R11A103KA01# ±20% GRM033R11A103MA01# | | | | ъв∪∪р⊢ | | | - |
| ±20% GRM033R11A103MA01# | | | | 10000 - | | | - |
| | | | | 10000pF | | | - |
| X5H 4/UUDF ±10% GRMU33H61A472KA01# | | | VED | 4700 - | | | - |
| Part number # indicates the package specification code. | | | X5H | | | | <u> </u> |



(→ **■** 0.6×0.3mm)

| <u>(→ ■ 0</u> | .6×0.3r | mm) | | | I | |
|---------------|------------------|------------|---------|------|--|-------------|
| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number | |
| 0.33mm | 10Vdc | X5R | 4700pF | ±20% | GRM033R61A472MA01# | |
| | | | 6800pF | ±10% | GRM033R61A682KA01# | |
| | | | | ±20% | GRM033R61A682MA01# | |
| | | | 10000pF | ±10% | GRM033R61A103KA01# | |
| | | | | ±20% | GRM033R61A103MA01# | |
| | | | 12000pF | ±10% | GRM033R61A123KE84# | |
| | | | | ±20% | GRM033R61A123ME84# | |
| | | | 15000pF | ±10% | GRM033R61A153KE84# | |
| | | | | ±20% | GRM033R61A153ME84# | |
| | | | 18000pF | ±10% | GRM033R61A183KE84# | |
| | | | | ±20% | GRM033R61A183ME84# | |
| | | | 22000pF | ±10% | GRM033R61A223KE84# | |
| | | | | ±20% | GRM033R61A223ME84# | |
| | | | 27000pF | ±10% | GRM033R61A273KE84# | |
| | | | | ±20% | GRM033R61A273ME84# | |
| | | | 33000pF | ±10% | GRM033R61A333KE84# | |
| | | | | ±20% | GRM033R61A333ME84# | |
| | | | 39000pF | ±10% | GRM033R61A393KE84# | |
| | | | | ±20% | GRM033R61A393ME84# | |
| | | | 47000pF | ±10% | GRM033R61A473KE84# | |
| | | | | ±20% | GRM033R61A473ME84# | |
| | | | 68000pF | ±10% | GRM033R61A683KE84# | _ |
| | | | | ±20% | GRM033R61A683ME84# | - |
| | | | 0.1µF | ±10% | GRM033R61A104KE84# | - |
| | | | 0.00 5 | ±20% | GRM033R61A104ME84# | Destination |
| | | В | 0.22µF | ±20% | GRM033R61A224ME90# | Derating |
| | | В | 4700pF | ±10% | GRM033B11A472KA01# GRM033B11A472MA01# | |
| | | | 6800pF | ±10% | GRM033B11A682KA01# | - |
| | | | оооорі | ±20% | GRM033B11A682MA01# | - |
| | | | 10000pF | ±10% | GRM033B11A103KA01# | \vdash |
| | | | | ±20% | GRM033B11A103MA01# | _ |
| | | | 12000pF | ±10% | GRM033B31A123KE84# | _ |
| | | | | ±20% | GRM033B31A123ME84# | |
| | | | 15000pF | ±10% | GRM033B31A153KE84# | |
| | | | | ±20% | GRM033B31A153ME84# | |
| | | | 18000pF | ±10% | GRM033B31A183KE84# | |
| | | | | ±20% | GRM033B31A183ME84# | |
| | | | 22000pF | ±10% | GRM033B31A223KE84# | |
| | | | | ±20% | GRM033B31A223ME84# | |
| | | | 27000pF | ±10% | GRM033B31A273KE84# | |
| | | | | ±20% | GRM033B31A273ME84# | |
| | | | 33000pF | ±10% | GRM033B31A333KE84# | |
| | | | | ±20% | GRM033B31A333ME84# | |
| | | | 39000pF | ±10% | GRM033B31A393KE84# | |
| | | | | ±20% | GRM033B31A393ME84# | |
| | | | 47000pF | ±10% | GRM033B31A473KE84# | _ |
| | | | | ±20% | GRM033B31A473ME84# | |
| | | | 68000pF | ±10% | GRM033B31A683KE84# | _ |
| | | | | ±20% | GRM033B31A683ME84# | |
| | | | 0.1µF | ±10% | GRM033B31A104KE84# | _ |
| | | \/== | 470 | ±20% | GRM033B31A104ME84# | _ |
| | 6.3Vdc | X7R | 4700pF | ±10% | GRM033R70J472KA01# | - |
| | | | 6800pF | ±10% | GRM033R70J682KA01# | |

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number | | |
|-----------|------------------|------------|---------|--------------------|--------------------|--------------------|----------|
| 0.33mm | 6.3Vdc | X7R | 10000pF | ±10% | GRM033R70J103KA01# | | |
| | | R | 4700pF | ±10% | GRM033R10J472KA01# | | |
| | | | 6800pF | ±10% | GRM033R10J682KA01# | | |
| | | | 10000pF | ±10% | GRM033R10J103KA01# | | |
| | | X6S | 15000pF | ±10% | GRM033C80J153KE01# | | |
| | | | | ±20% | GRM033C80J153ME01# | | |
| | | | 22000pF | ±10% | GRM033C80J223KE01# | | |
| | | | | ±20% | GRM033C80J223ME01# | | |
| | | | 33000pF | ±10% | GRM033C80J333KE01# | | |
| | | | | ±20% | GRM033C80J333ME01# | | |
| | | | 47000pF | ±10% | GRM033C80J473KE19# | | |
| | | | | ±20% | GRM033C80J473ME19# | | |
| | | | 68000pF | ±10% | GRM033C80J683KE84# | Derating | |
| | | | | | ±20% | GRM033C80J683ME84# | Derating |
| | | | 0.1µF | ±10% | GRM033C80J104KE84# | Derating | |
| | | | ±20% | GRM033C80J104ME84# | Derating | | |
| | | 0.22µF | ±20% | GRM033C80J224ME90# | Derating | | |
| | | X5R | 10000pF | ±10% | GRM033R60J103KA01# | | |
| | | | 15000pF | ±10% | GRM033R60J153KE01# | | |
| | | | | ±20% | GRM033R60J153ME01# | | |
| | | | 22000pF | ±10% | GRM033R60J223KE01# | | |
| | | | | ±20% | GRM033R60J223ME01# | | |
| | | | 33000pF | ±10% | GRM033R60J333KE01# | | |
| | | | | ±20% | GRM033R60J333ME01# | | |
| | | | 47000pF | ±10% | GRM033R60J473KE19# | | |
| | | | | ±20% | GRM033R60J473ME19# | | |
| | | | 0.22µF | ±20% | GRM033R60J224ME90# | | |
| | | В | 4700pF | ±10% | GRM033B10J472KA01# | | |
| | | | 6800pF | ±10% | GRM033B10J682KA01# | | |
| | | | 10000pF | ±10% | GRM033B10J103KA01# | | |
| | | | 15000pF | ±10% | GRM033B10J153KE01# | | |
| | | | | ±20% | GRM033B10J153ME01# | | |
| | | | 22000pF | ±10% | GRM033B10J223KE01# | | |
| | | | | ±20% | GRM033B10J223ME01# | | |
| | | | 33000pF | ±10% | GRM033B10J333KE01# | | |
| | | | | ±20% | GRM033B10J333ME01# | | |
| | | | 47000pF | ±10% | GRM033B30J473KE18# | | |
| | | | | ±20% | GRM033B30J473ME18# | | |
| | 4Vdc | X6S | 0.22µF | ±20% | GRM033C80G224ME90# | | |

■ 1.0×0.5mm

| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number | |
|-----------|------------------|------------|--------|------|--------------------|----------|
| 0.22mm | 10Vdc | X5R | 0.1µF | ±10% | GRM152R61A104KE19# | Derating |
| | | | | ±20% | GRM152R61A104ME19# | Derating |
| | | | 0.22µF | ±10% | GRM152R61A224KE19# | Derating |
| | | | | ±20% | GRM152R61A224ME19# | Derating |
| | | В | 0.1µF | ±10% | GRM152B31A104KE19# | Derating |
| | | | | ±20% | GRM152B31A104ME19# | Derating |
| | | | 0.22µF | ±10% | GRM152B31A224KE19# | Derating |
| | | | | ±20% | GRM152B31A224ME19# | Derating |
| | 6.3Vdc | X6S | 0.1µF | ±10% | GRM152C80J104KE19# | Derating |
| | | | | ±20% | GRM152C80J104ME19# | Derating |

Part number # indicates the package specification code.



(→ **■** 1.0×0.5mm)

| (→ ■ 1 | .0×0.5ı | nm) | | | | | |
|-----------|------------------|------------|-----------|--------|--------------------|--------------------|--|
| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number | | |
| 0.22mm | 6.3Vdc | X6S | 0.22µF | ±10% | GRM152C80J224KE19# | Derating | |
| | | | | ±20% | GRM152C80J224ME19# | Derating | |
| | | X5R | 0.1µF | ±10% | GRM152R60J104KE19# | | |
| | | | | ±20% | GRM152R60J104ME19# | | |
| | | | 0.22µF | ±10% | GRM152R60J224KE19# | | |
| | | | | ±20% | GRM152R60J224ME19# | | |
| | | | 0.47µF | ±20% | GRM152R60J474ME15# | Derating | |
| | | В | 0.1µF | ±10% | GRM152B30J104KE19# | | |
| | | | | ±20% | GRM152B30J104ME19# | | |
| | | | 0.22µF | ±10% | GRM152B30J224KE19# | | |
| | | | | ±20% | GRM152B30J224ME19# | _ | |
| | | | 0.47µF | ±20% | GRM152B30J474ME15# | Derating | |
| | 4Vdc | V7T | - | | GRM152D70G104KE15# | Derating | |
| | 4000 | A/1 | X7T 0.1μF | ±10% | | | |
| | | | | ±20% | GRM152D70G104ME15# | Derating | |
| | | | 0.22µF | ±10% | GRM152D70G224KE15# | Derating | |
| | | | 0.105 | ±20% | GRM152D70G224ME15# | Derating | |
| | | X6S | S 0.1µF | ±10% | GRM152C80G104KE19# | <u> </u> | |
| | | | | ±20% | GRM152C80G104ME19# | | |
| | | | | 0.22µF | ±10% | GRM152C80G224KE19# | |
| | | | | ±20% | GRM152C80G224ME19# | | |
| | | X6T | 0.47µF | ±20% | GRM152D80G474ME15# | | |
| | 2.5Vdc | X7T | 0.1µF | ±10% | GRM152D70E104KE19# | | |
| | | | | ±20% | GRM152D70E104ME19# | | |
| | | | 0.22µF | ±10% | GRM152D70E224KE19# | | |
| | | | | ±20% | GRM152D70E224ME19# | | |
| 0.3mm | 50Vdc | X7R | 220pF | ±10% | GRM15XR71H221KA86# | | |
| | | | 330pF | ±10% | GRM15XR71H331KA86# | | |
| | | | 470pF | ±10% | GRM15XR71H471KA86# | \vdash | |
| | | | 680pF | ±10% | GRM15XR71H681KA86# | \vdash | |
| | | | 1000pF | ±10% | GRM15XR71H102KA86# | _ | |
| | | | 1500pF | ±10% | GRM15XR71H152KA86# | \vdash | |
| | | R | 220pF | ±10% | GRM15XR11H221KA86# | - | |
| | | п | 330pF | | | _ | |
| | | | · · | ±10% | GRM15XR11H331KA86# | | |
| | | | 470pF | ±10% | GRM15XR11H471KA86# | - | |
| | | | 680pF | ±10% | GRM15XR11H681KA86# | _ | |
| | | | 1000pF | ±10% | GRM15XR11H102KA86# | _ | |
| | | | 1500pF | ±10% | GRM15XR11H152KA86# | | |
| | | В | 220pF | ±10% | GRM15XB11H221KA86# | _ | |
| | | | | ±20% | GRM15XB11H221MA86# | | |
| | | | 330pF | ±10% | GRM15XB11H331KA86# | | |
| | | | | ±20% | GRM15XB11H331MA86# | | |
| | | | 470pF | ±10% | GRM15XB11H471KA86# | | |
| | | | | ±20% | GRM15XB11H471MA86# | | |
| | | | 680pF | ±10% | GRM15XB11H681KA86# | | |
| | | | | ±20% | GRM15XB11H681MA86# | | |
| | | | 1000pF | ±10% | GRM15XB11H102KA86# | | |
| | | | | ±20% | GRM15XB11H102MA86# | | |
| | | | 1500pF | ±10% | GRM15XB11H152KA86# | \vdash | |
| | | | Соорі | ±20% | GRM15XB11H152MA86# | \vdash | |
| | 251/40 | X7R | 22005 | | | - | |
| | 25Vdc | A/R | 2200pF | ±10% | GRM15XR71E222KA86# | _ | |
| | | | 0000 - | ±20% | GRM15XR71E222MA86# | - | |
| | | В | 2200pF | ±10% | GRM15XB11E222KA86# | _ | |
| | | | | ±20% | GRM15XB11E222MA86# | _ | |
| | 16Vdc | X7R | 3300pF | ±10% | GRM15XR71C332KA86# | | |

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number | |
|-----------|------------------|------------|----------|--------------|--|----------|
| 0.3mm | 16Vdc | X7R | 3300pF | ±20% | GRM15XR71C332MA86# | |
| | | | 4700pF | ±10% | GRM15XR71C472KA86# | |
| | | | | ±20% | GRM15XR71C472MA86# | |
| | | | 6800pF | ±10% | GRM15XR71C682KA86# | |
| | | | | ±20% | GRM15XR71C682MA86# | |
| | | | 10000pF | ±10% | GRM15XR71C103KA86# | |
| | | | | ±20% | GRM15XR71C103MA86# | |
| | | В | 3300pF | ±10% | GRM15XB11C332KA86# | |
| | | | | ±20% | GRM15XB11C332MA86# | |
| | | | 4700pF | ±10% | GRM15XB11C472KA86# | |
| | | | ттоорі | ±20% | GRM15XB11C472MA86# | |
| | | | 6900pE | | | |
| | | | 6800pF | ±10% | GRM15XB11C682KA86# | _ |
| | | | 10000 5 | ±20% | GRM15XB11C682MA86# | |
| | | | 10000pF | ±10% | GRM15XB11C103KA86# | _ |
| | | | | ±20% | GRM15XB11C103MA86# | |
| | 10Vdc | X5R | 15000pF | ±10% | GRM15XR61A153KA86# | |
| | | | | ±20% | GRM15XR61A153MA86# | |
| | | | 22000pF | ±10% | GRM15XR61A223KA86# | |
| | | | | ±20% | GRM15XR61A223MA86# | |
| | | | 33000pF | ±10% | GRM15XR61A333KA86# | |
| | | | | ±20% | GRM15XR61A333MA86# | |
| 0.33mm | 10Vdc | X5R | 1.0µF | ±20% | GRM153R61A105ME95# | Derating |
| | | В | 1.0µF | ±20% | GRM153B31A105ME95# | Derating |
| | 6.3Vdc | X6T | 1.0µF | ±20% | GRM153D80J105ME95# | Derating |
| | | X5R | 1.0µF | ±20% | GRM153R60J105ME95# | |
| | | В | 1.0µF | ±20% | GRM153B30J105ME95# | |
| | 4Vdc | X6T | 1.0µF | ±20% | GRM153D80G105ME95# | |
| | | X5R | 1.0µF | ±20% | GRM153R60G105ME95# | |
| 0.55mm | 100Vdc | X7R | 220pF | ±10% | GRM155R72A221KA01# | |
| | | | 330pF | ±10% | GRM155R72A331KA01# | |
| | | | 470pF | ±10% | GRM155R72A471KA01# | |
| | | | 680pF | ±10% | GRM155R72A681KA01# | |
| | | | 1000pF | ±10% | GRM155R72A102KA01# | |
| | | | 1500pF | ±10% | GRM155R72A152KA01# | |
| | | | 2200pF | ±10% | GRM155R72A222KA01# | |
| | | | 3300pF | ±10% | GRM155R72A332KA01# | |
| | | | 4700pF | ±10% | GRM155R72A472KA01# | |
| - | 50Vdc | X7R | 220pF | ±10% | GRM155R71H221KA01# | |
| | 00140 | //// | 330pF | ±10% | GRM155R71H331KA01# | _ |
| | | | 470pF | ±10% | GRM155R71H471KA01# | |
| | | | 680pF | ±10% | GRM155R71H681KA01# | _ |
| | | | | | | |
| | | | 1000pF | ±10% | GRM155R71H102KA01# | _ |
| | | | 1500pF | ±10% | GRM155R71H152KA01# | |
| | | | 2200pF | ±10% | GRM155R71H222KA01# | |
| | | | 3300pF | ±10% | GRM155R71H332KA01# | |
| | | | 4700pF | ±10% | GRM155R71H472KA01# | |
| | | | 6800pF | ±10% | GRM155R71H682KA88# | |
| | | | 10000pF | ±10% | GRM155R71H103KA88# | |
| | | | 145000 E | ±10% | GRM155R71H153KA12# | |
| | | | 15000pF | | | |
| | | | 22000pF | ±10% | GRM155R71H223KA12# | |
| | | | | | GRM155R71H223KA12# GRM155R71H104KE14# | |
| | | | 22000pF | ±10% | | |
| | | X7S | 22000pF | ±10% ±10% | GRM155R71H104KE14# | |



(→ **■** 1.0×0.5mm)

| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number |
|-----------|------------------|------------|----------|--------------------|--|
| 0.55mm | 50Vdc | X7S | 47000pF | ±10% | GRM155C71H473KE19# |
| | | | | ±20% | GRM155C71H473ME19# |
| | | | 68000pF | ±10% | GRM155C71H683KE19# |
| | | | | ±20% | GRM155C71H683ME19# |
| | | R | 220pF | ±10% | GRM155R11H221KA01# |
| | | | 330pF | ±10% | GRM155R11H331KA01# |
| | | | 470pF | ±10% | GRM155R11H471KA01# |
| | | | 680pF | ±10% | GRM155R11H681KA01# |
| | | | 1000pF | ±10% | GRM155R11H102KA01# |
| | | | 1500pF | ±10% | GRM155R11H152KA01# |
| | | | 2200pF | ±10% | GRM155R11H222KA01# |
| | | | 3300pF | ±10% | GRM155R11H332KA01# |
| | | | 4700pF | ±10% | GRM155R11H472KA01# |
| | | | 6800pF | ±10% | GRM155R11H682KA88# |
| | | | 10000pF | ±10% | GRM155R11H103KA88# |
| | | X6S | 0.1µF | ±10% | GRM155C81H104KE14# |
| | | | | ±20% | GRM155C81H104ME14# |
| | | X5R | 1000pF | ±10% | GRM155R61H102KA01# |
| | | 7.0.1 | 2200pF | ±10% | GRM155R61H222KA01# |
| | | | 4700pF | ±10% | GRM155R61H472KA01# |
| | | | 33000pF | ±10% | GRM155R61H333KE19# |
| | | | ососорі | ±20% | GRM155R61H333ME19# |
| | | | 47000pF | ±10% | GRM155R61H473KE19# |
| | | | 47 000pi | ±20% | GRM155R61H473ME19# |
| | | | 68000pF | ±10% | GRM155R61H683KE19# |
| | | | ооооорі | ±20% | GRM155R61H683ME19# |
| | | | 0.1µF | ±10% | GRM155R61H104KE14# |
| | | | υ. τμι | ±20% | GRM155R61H104ME14# |
| | | В | 220pF | ±10% | GRM155B11H221KA01# |
| | | | 22001 | ±20% | GRM155B11H221MA01# |
| | | | 330pF | ±20% | GRM155B11H331KA01# |
| | | | 330pF | | |
| | | | 470pF | ±20% ±10% | GRM155B11H331MA01# |
| | | | | | GRM155B11H471KA01# GRM155B11H471MA01# |
| | | | C00=F | ±20% | |
| | | | 680pF | ±10% | GRM155B11H681KA01# GRM155B11H681MA01# |
| | | | 10005 | ±20% | |
| | | | 1000pF | ±10% | GRM155B11H102KA01# |
| | | | 1500-5 | ±20% | GRM155B11H102MA01# |
| | | | 1500pF | ±10% | GRM155B11H152KA01# |
| | | | 0000 5 | ±20% | GRM155B11H152MA01# |
| | | | 2200pF | ±10% | GRM155B11H222KA01# |
| | | | | ±20% | GRM155B11H222MA01# |
| | | | 3300pF | ±10% | GRM155B11H332KA01# |
| | | | | ±20% | GRM155B11H332MA01# |
| | | | 4700pF | ±10% | GRM155B11H472KA01# |
| | | | | ±20% | GRM155B11H472MA01# |
| | | | 6800pF | ±10% | GRM155B31H682KA88# |
| | | | | ±20% | GRM155B31H682MA88# |
| | | | 10000pF | ±10% | GRM155B31H103KA88# |
| | | | | ±20% | GRM155B31H103MA88# |
| | | | 15000pF | ±10% | GRM155B31H153KA12# |
| | | | | ±20% | GRM155B31H153MA12# |
| | | | 22000pF | ±10% | GRM155B31H223KA12# |
| | l | 1 | ±20% | GRM155B31H223MA12# | |

| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number | |
|-----------|------------------|---------------|---------|------|--------------------|----------|
| 0.55mm | 50Vdc | В | 0.1µF | ±10% | GRM155B31H104KE14# | |
| | | | | ±20% | GRM155B31H104ME14# | |
| | 25Vdc | X7R | 6800pF | ±10% | GRM155R71E682KA01# | |
| | | | 10000pF | ±10% | GRM155R71E103KA01# | |
| | | | 15000pF | ±10% | GRM155R71E153KA61# | |
| | | | 22000pF | ±10% | GRM155R71E223KA61# | |
| | | | 33000pF | ±10% | GRM155R71E333KA88# | |
| | | | 47000pF | ±10% | GRM155R71E473KA88# | |
| | | | 0.1µF | ±10% | GRM155R71E104KE14# | |
| | | | | ±20% | GRM155R71E104ME14# | |
| | | R | 6800pF | ±10% | GRM155R11E682KA01# | |
| | | | 10000pF | ±10% | GRM155R11E103KA01# | |
| | | | 15000pF | ±10% | GRM155R11E153KA61# | |
| | | | 22000pF | ±10% | GRM155R11E223KA61# | |
| | | | 33000pF | ±10% | GRM155R11E333KA88# | |
| | | | 47000pF | ±10% | GRM155R11E473KA88# | |
| | | X6S | 68000pF | ±10% | GRM155C81E683KA12# | |
| | | | 0.1µF | ±10% | GRM155C81E104KA12# | |
| | | | | ±20% | GRM155C81E104MA12# | |
| | | X5R | 68000pF | ±10% | GRM155R61E683KA87# | |
| | | | | ±20% | GRM155R61E683MA87# | |
| | | | 0.1µF | ±10% | GRM155R61E104KA87# | |
| | | | | ±20% | GRM155R61E104MA87# | |
| | | | 1.0µF | ±10% | GRM155R61E105KA12# | Derating |
| | | | | ±20% | GRM155R61E105MA12# | Derating |
| | | В | 4700pF | ±10% | GRM155B11E472KA01# | |
| | | | 6800pF | ±10% | GRM155B11E682KA01# | |
| | | | 10000pF | ±10% | GRM155B11E103KA01# | |
| | | | | ±20% | GRM155B11E103MA01# | |
| | | | 15000pF | ±10% | GRM155B11E153KA61# | |
| | | | | ±20% | GRM155B11E153MA61# | |
| | | | 22000pF | ±10% | GRM155B11E223KA61# | |
| | | | | ±20% | GRM155B11E223MA61# | |
| | | | 33000pF | ±10% | GRM155B31E333KA87# | |
| | | | | ±20% | GRM155B31E333MA87# | |
| | | | 47000pF | ±10% | GRM155B31E473KA87# | |
| | | | | ±20% | GRM155B31E473MA87# | |
| | | | 68000pF | ±10% | GRM155B31E683KA87# | |
| | | | | ±20% | GRM155B31E683MA87# | |
| | | | 0.1µF | ±10% | GRM155B31E104KA87# | |
| | | | | ±20% | GRM155B31E104MA87# | _ |
| | | | 1.0µF | ±10% | GRM155B31E105KA12# | Derating |
| | 4014 | \/ T D | | ±20% | GRM155B31E105MA12# | Derating |
| | 16Vdc | X7R | 33000pF | ±10% | GRM155R71C333KA01# | |
| | | | 47000pF | ±10% | GRM155R71C473KA01# | |
| | | | 68000pF | ±10% | GRM155R71C683KA88# | |
| | | | 0.15µF | ±10% | GRM155R71C154KA12# | |
| | | | 0.22µF | ±10% | GRM155R71C224KA12# | |
| | | R | 33000pF | ±10% | GRM155R11C333KA01# | |
| | | | 47000pF | ±10% | GRM155R11C473KA01# | |
| | | V55 | 68000pF | ±10% | GRM155R11C683KA88# | |
| | | X5R | 33000pF | ±10% | GRM155R61C333KA01# | |
| | | | 47000pF | ±10% | GRM155R61C473KA01# | |
| | | | 68000pF | ±10% | GRM155R61C683KA88# | 204- |

(→ **1.**0×0.5mm)

| (→ ■ 1 | ic.uxu.si | 11111) | | | | |
|-----------|------------------|------------|----------|------|--|----------|
| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number | |
| 0.55mm | 16Vdc | X5R | 1.0µF | ±10% | GRM155R61C105KA12# | |
| | | | | ±20% | GRM155R61C105MA12# | |
| | | В | 33000pF | ±10% | GRM155B11C333KA01# | |
| | | | 47000pF | ±10% | GRM155B11C473KA01# | |
| | | | 68000pF | ±10% | GRM155B31C683KA87# | |
| | | | 1.0µF | ±10% | GRM155B31C105KA12# | |
| | | | | ±20% | GRM155B31C105MA12# | |
| | 10Vdc | X7R | 68000pF | ±10% | GRM155R71A683KA01# | |
| | | | | ±20% | GRM155R71A683MA01# | |
| | | R | 68000pF | ±10% | GRM155R11A683KA01# | |
| | | | | ±20% | GRM155R11A683MA01# | |
| | | X6S | 1.0µF | ±10% | GRM155C81A105KA12# | _ |
| | | 7,00 | 1.0µ1 | ±20% | GRM155C81A105MA12# | _ |
| | | X5R | 0.15µF | ±10% | GRM155R61A154KE19# | - |
| | | AJH | υ. ι ομι | | | _ |
| | | | 0.005 | ±20% | GRM155R61A154ME19# | - |
| | | | 0.22µF | ±10% | GRM155R61A224KE19# | _ |
| | | | | ±20% | GRM155R61A224ME19# | _ |
| | | | 0.33µF | ±10% | GRM155R61A334KE15# | - |
| | | | | ±20% | GRM155R61A334ME15# | |
| | | | 0.47µF | ±10% | GRM155R61A474KE15# | |
| | | | | ±20% | GRM155R61A474ME15# | |
| | | | 0.68µF | ±10% | GRM155R61A684KE15# | |
| | | | | ±20% | GRM155R61A684ME15# | |
| | | | 2.2µF | ±10% | GRM155R61A225KE95# | Derating |
| | | | | ±20% | GRM155R61A225ME95# | Derating |
| | | В | 0.15µF | ±10% | GRM155B31A154KE18# | |
| | | | | ±20% | GRM155B31A154ME18# | |
| | | | 0.22µF | ±10% | GRM155B31A224KE18# | |
| | | | | ±20% | GRM155B31A224ME18# | |
| | | | 0.33µF | ±10% | GRM155B31A334KE14# | |
| | | | | ±20% | GRM155B31A334ME14# | |
| | | | 0.47µF | ±10% | GRM155B31A474KE14# | |
| | | | | ±20% | GRM155B31A474ME14# | |
| | | | 0.68µF | ±10% | GRM155B31A684KE15# | |
| | | | | ±20% | GRM155B31A684ME15# | |
| | | | 2.2µF | ±10% | GRM155B31A225KE95# | Derating |
| | | | | ±20% | GRM155B31A225ME95# | Derating |
| | 6.3Vdc | X7R | 1.0µF | ±10% | GRM155R70J105KA12# | Derating |
| | | | | ±20% | GRM155R70J105MA12# | Derating |
| | | X6S | 0.15µF | ±10% | GRM155C80J154KE01# | |
| | | | | ±20% | GRM155C80J154ME01# | |
| | | | 0.22µF | ±10% | GRM155C80J224KE01# | |
| | | | | ±20% | GRM155C80J224ME01# | |
| | | | 0.33µF | ±10% | GRM155C80J334KE01# | |
| | | | 0.00μ1 | ±20% | GRM155C80J334ME01# | _ |
| | | | 0.47µF | | | - |
| | | | υ.4/μι | ±10% | GRM155C80J474KE19# GRM155C80J474ME19# | |
| | | | 2 205 | ±20% | | Dorotina |
| | | | 2.2µF | ±10% | GRM155C80J225KE95# | Derating |
| | | VCD | 0.45.5 | ±20% | GRM155C80J225ME95# | Derating |
| | | X5R | 0.15µF | ±10% | GRM155R60J154KE01# | |
| | | | 0.00 = | ±20% | GRM155R60J154ME01# | _ |
| | | | 0.22µF | ±10% | GRM155R60J224KE01# | _ |
| | | | | ±20% | GRM155R60J224ME01# | - |
| | | | 0.33µF | ±10% | GRM155R60J334KE01# | |

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number | |
|-----------|------------------|------------|--------|------|--------------------|----------|
| 0.55mm | 6.3Vdc | X5R | 0.33µF | ±20% | GRM155R60J334ME01# | |
| | | | 0.47µF | ±10% | GRM155R60J474KE19# | |
| | | | | ±20% | GRM155R60J474ME19# | |
| | | | 0.68µF | ±10% | GRM155R60J684KE19# | |
| | | | | ±20% | GRM155R60J684ME19# | |
| | | | 2.2µF | ±10% | GRM155R60J225KE95# | |
| | | | | ±20% | GRM155R60J225ME95# | |
| | | В | 0.15µF | ±10% | GRM155B10J154KE01# | |
| | | | | ±20% | GRM155B10J154ME01# | |
| | | | 0.22µF | ±10% | GRM155B10J224KE01# | |
| | | | | ±20% | GRM155B10J224ME01# | |
| | | | 0.33µF | ±10% | GRM155B10J334KE01# | |
| | | | | ±20% | GRM155B10J334ME01# | |
| | | | 0.47µF | ±10% | GRM155B30J474KE18# | |
| | | | | ±20% | GRM155B30J474ME18# | |
| | | | 0.68µF | ±10% | GRM155B30J684KE18# | |
| | | | | ±20% | GRM155B30J684ME18# | |
| | | | 2.2µF | ±10% | GRM155B30J225KE95# | |
| | | | | ±20% | GRM155B30J225ME95# | |
| | 4Vdc | X7R | 1.0µF | ±10% | GRM155R70G105KA12# | |
| | | | | ±20% | GRM155R70G105MA12# | |
| | | X6S | 0.15µF | ±10% | GRM155C80G154KE01# | |
| | | | | ±20% | GRM155C80G154ME01# | |
| | | | 0.22µF | ±10% | GRM155C80G224KE01# | |
| | | | | ±20% | GRM155C80G224ME01# | |
| | | | 0.33µF | ±10% | GRM155C80G334KE01# | |
| | | | | ±20% | GRM155C80G334ME01# | |
| | | | 0.47µF | ±10% | GRM155C80G474KE01# | |
| | | | | ±20% | GRM155C80G474ME01# | |
| | | X6T | 2.2µF | ±10% | GRM155D80G225KE95# | |
| | | | | ±20% | GRM155D80G225ME95# | |
| 0.6mm | 6.3Vdc | X5R | 4.7µF | ±20% | GRM155R60J475ME47# | Derating |
| | | В | 4.7µF | ±20% | GRM155B30J475ME47# | Derating |
| | 4Vdc | X5R | 4.7µF | ±20% | GRM155R60G475ME47# | |
| | | В | 4.7µF | ±20% | GRM155B30G475ME47# | |
| | 2.5Vdc | X6T | 4.7µF | ±20% | GRM155D80E475ME47# | Derating |
| 0.7mm | 4Vdc | X5R | 10µF | ±20% | GRM155R60G106ME44# | |
| | 2.5Vdc | X5R | 10μF | ±20% | GRM155R60E106ME16# | |

■ 1.6×0.8mm

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| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number | |
|-----------|------------------|------------|-------|------|--------------------|----------|
| 0.5mm | 25Vdc | X5R | 1.0µF | ±10% | GRM185R61E105KA12# | Derating |
| | | | | ±20% | GRM185R61E105MA12# | Derating |
| | | В | 1.0µF | ±10% | GRM185B31E105KA12# | Derating |
| | | | | ±20% | GRM185B31E105MA12# | Derating |
| | 16Vdc | X5R | 1.0µF | ±10% | GRM185R61C105KE44# | |
| | | | | ±20% | GRM185R61C105ME44# | |
| | | В | 1.0µF | ±10% | GRM185B31C105KE43# | |
| | | | | ±20% | GRM185B31C105ME43# | |
| 0.9mm | 100Vdc | X7R | 220pF | ±10% | GRM188R72A221KA01# | |
| | | | 330pF | ±10% | GRM188R72A331KA01# | |
| | | | 470pF | ±10% | GRM188R72A471KA01# | |
| | | | | | | |

(→ **■** 1.6×0.8mm)

| (→ ■ 1 | .6×0.8r | mm) | | | |
|-----------|------------------|------------|----------------|-------|--|
| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number |
| 0.9mm | 100Vdc | X7R | 680pF | ±10% | GRM188R72A681KA01# |
| | | | 1000pF | ±10% | GRM188R72A102KA01# |
| | | | 1500pF | ±10% | GRM188R72A152KA01# |
| | | | 2200pF | ±10% | GRM188R72A222KA01# |
| | | | 3300pF | ±10% | GRM188R72A332KA01# |
| | | | 4700pF | ±10% | GRM188R72A472KA01# |
| | | | 6800pF | ±10% | GRM188R72A682KA01# |
| | | | 10000pF | ±10% | GRM188R72A103KA01# |
| | | | 15000pF | ±10% | GRM188R72A153KAC4# |
| | | | | ±20% | GRM188R72A153MAC4# |
| | | | 22000pF | ±10% | GRM188R72A223KAC4# |
| | | | | ±20% | GRM188R72A223MAC4# |
| | | | 0.1µF | ±10% | GRM188R72A104KA35# |
| | 50Vdc | X7R | 220pF | ±10% | GRM188R71H221KA01# |
| | | | 330pF | ±10% | GRM188R71H331KA01# |
| | | | 470pF | ±10% | GRM188R71H471KA01# |
| | | | 680pF | ±10% | GRM188R71H681KA01# |
| | | | 1000pF | ±10% | GRM188R71H102KA01# |
| | | | 1500pF | ±10% | GRM188R71H152KA01# |
| | | | 2200pF | ±10% | GRM188R71H222KA01# |
| | | | 3300pF | ±10% | GRM188R71H332KA01# |
| | | | 4700pF | ±10% | GRM188R71H472KA01# |
| | | | 6800pF | ±10% | GRM188R71H682KA01# |
| | | | 10000pF | ±10% | GRM188R71H103KA01# |
| | | | 15000pF | ±10% | GRM188R71H153KA01# |
| | | | 22000pF | ±10% | GRM188R71H223KA01# |
| | | | 33000pF | ±10% | GRM188R71H333KA61# |
| | | | 47000pF | ±10% | GRM188R71H473KA61# |
| | | | 68000pF | ±10% | GRM188R71H683KA93# |
| | | R | 0.1µF | ±10% | GRM188R71H104KA93# |
| | | n | 220pF | ±10% | GRM188R11H221KA01# GRM188R11H331KA01# |
| | | | 330pF | ±10% | GRM188R11H471KA01# |
| | | | 470pF 680pF | ±10% | GRM188R11H681KA01# |
| | | | 1000pF | ±10% | GRM188R11H102KA01# |
| | | | 1500pF | ±10% | GRM188R11H152KA01# |
| | | | 2200pF | ±10% | GRM188R11H222KA01# |
| | | | 3300pF | ±10% | GRM188R11H332KA01# |
| | | | 4700pF | ±10% | GRM188R11H472KA01# |
| | | | 4700pi | ±10% | GRM188R11H682KA01# |
| | | | 10000pF | ±10% | GRM188R11H103KA01# |
| | | | 15000pF | ±10% | GRM188R11H153KA01# |
| | | | 22000pF | ±10% | GRM188R11H223KA01# |
| | | | 33000pF | ±10% | GRM188R11H333KA61# |
| | | | 47000pF | ±10% | GRM188R11H473KA61# |
| | | | 68000pF | ±10% | GRM188R11H683KA93# |
| | | | 0.1μF | ±10% | GRM188R11H104KA93# |
| | | X5R | 1000pF | ±10% | GRM188R61H102KA01# |
| | | | 2200pF | ±10% | GRM188R61H222KA01# |
| | | | 4700pF | ±10% | GRM188R61H472KA01# |
| | | | 10000pF | ±10% | GRM188R61H103KA01# |
| | | | 22000pF | ±10% | GRM188R61H223KA01# |
| | | | 0.22µF | ±10% | GRM188R61H224KAC4# |
| | | | 0.47µF | ±10% | GRM188R61H474KA12# |
| | | | re: | - / = | |

| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number | |
|-----------|------------------|------------|----------|--------------|--|------|
| 0.9mm | 50Vdc | X5R | 0.47µF | ±20% | GRM188R61H474MA12# | |
| | | | 1.0µF | ±10% | GRM188R61H105KAAL# | |
| | | | | ±20% | GRM188R61H105MAAL# | |
| | | В | 220pF | ±10% | GRM188B11H221KA01# | |
| | | | | ±20% | GRM188B11H221MA01# | |
| | | | 330pF | ±10% | GRM188B11H331KA01# | |
| | | | | ±20% | GRM188B11H331MA01# | |
| | | | 470pF | ±10% | GRM188B11H471KA01# | |
| | | | | ±20% | GRM188B11H471MA01# | |
| | | | 680pF | ±10% | GRM188B11H681KA01# | |
| | | | | ±20% | GRM188B11H681MA01# | |
| | | | 1000pF | ±10% | GRM188B11H102KA01# | |
| | | | | ±20% | GRM188B11H102MA01# | |
| | | | 1500pF | ±10% | GRM188B11H152KA01# | |
| | | | | ±20% | GRM188B11H152MA01# | |
| | | | 2200pF | ±10% | GRM188B11H222KA01# | |
| | | | | ±20% | GRM188B11H222MA01# | |
| | | | 3300pF | ±10% | GRM188B11H332KA01# | |
| | | | | ±20% | GRM188B11H332MA01# | |
| | | | 4700pF | ±10% | GRM188B11H472KA01# | |
| | | | | ±20% | GRM188B11H472MA01# | |
| | | | 6800pF | ±10% | GRM188B11H682KA01# | |
| | | | | ±20% | GRM188B11H682MA01# | |
| | | | 10000pF | ±10% | GRM188B11H103KA01# | |
| | | | | ±20% | GRM188B11H103MA01# | |
| | | | 15000pF | ±10% | GRM188B11H153KA01# | |
| | | | | ±20% | GRM188B11H153MA01# | |
| | | | 22000pF | ±10% | GRM188B11H223KA01# | |
| | | | | ±20% | GRM188B11H223MA01# | |
| | | | 33000pF | ±10% | GRM188B11H333KA61# | |
| | | | | ±20% | GRM188B11H333MA61# | |
| | | | 47000pF | ±10% | GRM188B11H473KA61# | |
| | | | | ±20% | GRM188B11H473MA61# | |
| | | | 68000pF | | GRM188B31H683KA92# | |
| | | | | ±20% | GRM188B31H683MA92# | |
| | | | 0.1µF | ±10% | GRM188B31H104KA92# | |
| | | | | ±20% | GRM188B31H104MA92# | |
| | | | 0.15µF | ±10% | GRM188B31H154KAC4# | |
| | | | | ±20% | GRM188B31H154MAC4# | |
| | | | 0.22µF | ±10% | GRM188B31H224KAC4# | |
| | | | 1 00- | ±20% | GRM188B31H224MAC4# | |
| | | | 1.0µF | ±10% | GRM188B31H105KAAL# GRM188B31H105MAAL# | |
| | 25Vdc | X7R | 15000pF | ±20% | GRM188R71E153KA01# | |
| | 25700 | \/\n | · · | ±10% | | |
| | | | 22000pF | ±10% ±20% | GRM188R71E223KA01# GRM188R71E223MA01# | |
| | | | 33000pF | ±10% | GRM188R71E333KA01# | |
| | | | 47000pF | ±10% | GRM188R71E473KA01# | |
| | | | 68000pF | ±10% | GRM188R71E683KA01# | |
| | | | 0.15µF | ±10% | GRM188R71E154KA01# | |
| | | | 0.13µF | ±10% | GRM188R71E224KA88# | |
| | | | 0.47μF | ±10% | GRM188R71E474KA12# | |
| | | | 1.0µF | ±10% | GRM188R71E105KA12# | |
| | | | | ±20% | GRM188R71E105MA12# | |
| | <u> </u> | | Part nun | | cates the package specification c | ode. |

(→ **■** 1.6×0.8mm)

| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number |
|-----------|------------------|------------|---------|--------------|--|
| 0.9mm | 25Vdc | R | 15000pF | ±10% | GRM188R11E153KA01# |
| | | | 22000pF | ±10% | GRM188R11E223KA01# |
| | | | | ±20% | GRM188R11E223MA01# |
| | | | 33000pF | ±10% | GRM188R11E333KA01# |
| | | | 47000pF | ±10% | GRM188R11E473KA01# |
| | | | 68000pF | ±10% | GRM188R11E683KA01# |
| | | | 0.15µF | ±10% | GRM188R11E154KA01# |
| | | | 0.22µF | ±10% | GRM188R11E224KA88# |
| | | X6S | 1.0µF | ±10% | GRM188C81E105KAAD# |
| | | | | ±20% | GRM188C81E105MAAD# |
| | | X5R | 0.1µF | ±10% | GRM188R61E104KA01# |
| | | | 0.22µF | ±10% | GRM188R61E224KA88# |
| | | | 0.47µF | ±10% | GRM188R61E474KA12# |
| | | | | ±20% | GRM188R61E474MA12# |
| | | | 0.68µF | ±10% | GRM188R61E684KA75# |
| | | | | ±20% | GRM188R61E684MA75# |
| | | | 1.0µF | ±10% | GRM188R61E105KA12# |
| | | | | ±20% | GRM188R61E105MA12# |
| | | | 2.2µF | ±10% | GRM188R61E225KA12# |
| | | | | ±20% | GRM188R61E225MA12# |
| | | В | 2200pF | ±10% | GRM188B11E222KA01# |
| | | | 3300pF | ±10% | GRM188B11E332KA01# |
| | | | 4700pF | ±10% | GRM188B11E472KA01# |
| | | | 6800pF | ±10% | GRM188B11E682KA01# |
| | | | 10000pF | ±10% | GRM188B11E103KA01# |
| | | | | ±20% | GRM188B11E103MA01# |
| | | | 15000pF | ±10% | GRM188B11E153KA01# |
| | | | | ±20% | GRM188B11E153MA01# |
| | | | 22000pF | ±10% | GRM188B11E223KA01# |
| | | | | ±20% | GRM188B11E223MA01# |
| | | | 33000pF | ±10% | GRM188B11E333KA01# |
| | | | | ±20% | GRM188B11E333MA01# |
| | | | 47000pF | ±10% | GRM188B11E473KA01# |
| | | | | ±20% | GRM188B11E473MA01# |
| | | | 68000pF | ±10% | GRM188B11E683KA01# |
| | | | | ±20% | GRM188B11E683MA01# |
| | | | 0.1µF | ±10% | GRM188B11E104KA01# |
| | | | 0.45 5 | ±20% | GRM188B11E104MA01# |
| | | | 0.15µF | ±10% | GRM188B11E154KA01# |
| | | | 0.22µF | ±10% | GRM188B31E224KA87# |
| | | | 0.47µF | ±10% | GRM188B31E474KA75# |
| | | | 0.000.5 | ±20% | GRM188B31E474MA75# |
| | | | 0.68µF | ±10% | GRM188B31E684KA75# |
| | | | 1 OuE | ±20% | GRM188B31E684MA75# GRM188B31E105KA75# |
| | | | 1.0µF | ±10% ±20% | GRM188B31E105MA75# |
| | | | 2.2µF | ±10% | GRM188B31E225KA12# |
| | | | cµ1 | ±20% | GRM188B31E225MA12# |
| | 16Vdc | X7R | 0.15µF | ±10% | GRM188R71C154KA01# |
| | | | 0.10µF | ±10% | GRM188R71C224KA01# |
| | | | 0.33µF | ±10% | GRM188R71C334KA01# |
| | | | 0.47µF | ±10% | GRM188R71C474KA88# |
| | | | 1.0µF | ±10% | GRM188R71C105KA12# |
| | 1 | 1 | | | |

| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number |
|-----------|------------------|------------|------------|--------------|--|
| 0.9mm | 16Vdc | X7R | 1.0µF | ±20% | GRM188R71C105MA12# |
| | | | | ±20% | GRM188R71C105ME15# |
| | | X7S | 0.68µF | ±10% | GRM188C71C684KA12# |
| | | R | 0.15µF | ±10% | GRM188R11C154KA01# |
| | | | 0.22µF | ±10% | GRM188R11C224KA01# |
| | | | 0.33µF | ±10% | GRM188R11C334KA01# |
| | | | 0.47µF | ±10% | GRM188R11C474KA88# |
| | | X6S | 1.0µF | ±10% | GRM188C81C105KA12# |
| | | | | ±20% | GRM188C81C105MA12# |
| | | | 2.2µF | ±10% | GRM188C81C225KA12# |
| | | | | ±20% | GRM188C81C225MA12# |
| | | X5R | 0.22µF | ±10% | GRM188R61C224KA88# |
| | | | 0.68µF | ±10% | GRM188R61C684KA75# |
| | | | | ±20% | GRM188R61C684MA75# |
| | | | 1.0µF | ±10% | GRM188R61C105KA93# |
| | | | 2.2µF | ±10% | GRM188R61C225KE15# |
| | | В | 0.15µF | ±10% | GRM188B11C154KA01# |
| | | | 0.22µF | ±10% | GRM188B11C224KA01# |
| | | | 0.33µF | ±10% | GRM188B11C334KA01# |
| | | | | ±20% | GRM188B11C334MA01# |
| | | | 0.68µF | ±10% | GRM188B31C684KA75# |
| | | | | ±20% | GRM188B31C684MA75# |
| | | | 1.0µF | ±10% | GRM188B31C105KA92# |
| | | | | ±20% | GRM188B31C105MA92# |
| | | | 2.2µF | ±10% | GRM188B31C225KE14# |
| | 10Vdc | X7R | 0.33µF | ±10% | GRM188R71A334KA61# |
| | | | | ±20% | GRM188R71A334MA61# |
| | | | 0.47µF | ±10% | GRM188R71A474KA61# |
| | | | 0.68µF | ±10% | GRM188R71A684KA61# |
| | | | | ±20% | GRM188R71A684MA61# |
| | | | 2.2µF | ±10% | GRM188R71A225KE15# |
| | | | | ±20% | GRM188R71A225ME15# |
| | | X7T | 2.2µF | ±10% | GRM188D71A225KE34# |
| | | | | ±20% | GRM188D71A225ME34# |
| | | X6S | 2.2µF | ±10% | GRM188C81A225KE34# |
| | | VED | 0.00 5 | ±20% | GRM188C81A225ME34# |
| | | X5R | 0.33µF | ±10% | GRM188R61A334KA61# |
| | | | 0.00 5 | ±20% | GRM188R61A334MA61# |
| | | | 0.68µF | ±10% | GRM188R61A684KA61# GRM188R61A684MA61# |
| | | | 0.00. | ±20% | |
| | | | 2.2µF | ±10% | GRM188R61A225KE34# |
| | | В | 0.22uE | ±20% | GRM188R61A225ME34# GRM188B11A334KA61# |
| | | Ь | 0.33µF | ±10% | GRM188B11A334MA61# |
| | | | 0.600.E | ±20% ±10% | GRM188B11A684KA61# |
| | | | 0.68µF | | GRM188B11A684MA61# |
| | | | 2.2µF | ±20% | GRM188B31A225KE33# |
| | | | 2.2μΓ | ±10% | GRM188B31A225ME33# |
| | 6.3Vdc | X7R | 1.0µF | ±20% ±10% | GRM188R70J105KA01# |
| | 5.5 Vuc | A/R | ι.υμι | ±20% | GRM188R70J105MA01# |
| | | X7S | 2.2µF | ±10% | GRM188C70J225KE20# |
| | | | p1 | ±20% | GRM188C70J225ME20# |
| | | X6S | 2.2µF | ±10% | GRM188C80J225KE19# |
| | | | p · | ±20% | GRM188C80J225ME19# |
| | <u> </u> | | Part nun | | cates the package specification code. |



(→ **■** 1.6×0.8mm)

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number | |
|-----------|------------------|------------|-------|------|--------------------|----------|
| 0.9mm | 6.3Vdc | X6S | 4.7µF | ±10% | GRM188C80J475KE15# | Derating |
| | | | | ±20% | GRM188C80J475ME15# | Derating |
| | | X5R | 10µF | ±20% | GRM188R60J106ME47# | |
| | | В | 10µF | ±20% | GRM188B30J106ME47# | |
| | 4Vdc | X6S | 4.7µF | ±10% | GRM188C80G475KE19# | |
| | | | | ±20% | GRM188C80G475ME19# | |
| | | | 10µF | ±20% | GRM188C80G106ME47# | Derating |
| | | X5R | 10µF | ±20% | GRM188R60G106ME47# | |
| | | В | 10µF | ±20% | GRM188B30G106ME46# | |
| | 2.5Vdc | X6S | 10µF | ±20% | GRM188C80E106ME47# | |
| 0.95mm | 25Vdc | X5R | 4.7µF | ±10% | GRM188R61E475KE11# | |
| | 16Vdc | X5R | 4.7µF | ±10% | GRM188R61C475KAAJ# | Derating |
| | | | | ±20% | GRM188R61C475MAAJ# | Derating |
| | | В | 4.7µF | ±10% | GRM188B31C475KAAJ# | Derating |
| | | | | ±20% | GRM188B31C475MAAJ# | Derating |
| | 10Vdc | В | 10µF | ±20% | GRM188B31A106ME69# | Derating |
| 1mm | 35Vdc | X5R | 4.7µF | ±10% | GRM188R6YA475KE15# | |
| | | | | ±20% | GRM188R6YA475ME15# | |
| | 25Vdc | X5R | 4.7µF | ±10% | GRM188R61E475KE15# | |
| | | | | ±20% | GRM188R61E475ME15# | |
| | | | 10µF | ±20% | GRM188R61E106MA73# | |
| | 16Vdc | X6S | 10µF | ±20% | GRM188C81C106MA73# | |
| | | X5R | 10µF | ±20% | GRM188R61C106MA73# | |
| | 10Vdc | X7T | 10µF | ±20% | GRM188D71A106MA73# | |
| | | X6S | 10µF | ±20% | GRM188C81A106MA73# | |
| | 6.3Vdc | X7T | 10µF | ±20% | GRM188D70J106MA73# | |
| | | X5R | 22µF | ±20% | GRM188R60J226MEA0# | Derating |
| | | В | 22µF | ±20% | GRM188B30J226MEA0# | Derating |
| | 4Vdc | X6S | 22µF | ±20% | GRM188C80G226MEA0# | Derating |
| | | X5R | 22µF | ±20% | GRM188R60G226MEA0# | |
| | | В | 22µF | ±20% | GRM188B30G226MEA0# | |

■ 2.0×1.25mm

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number |
|-----------|------------------|------------|---------|------|--------------------|
| 0.7mm | 25Vdc | X5R | 1.0µF | ±10% | GRM216R61E105KA12# |
| | 16Vdc | X6S | 1.0µF | ±10% | GRM216C81C105KA12# |
| 0.95mm | 100Vdc | X7R | 6800pF | ±10% | GRM219R72A682KA01# |
| | | | 10000pF | ±10% | GRM219R72A103KA01# |
| | | | | ±20% | GRM219R72A103MA01# |
| | 50Vdc | X7R | 10000pF | ±10% | GRM219R71H103KA01# |
| | | | | ±20% | GRM219R71H103MA01# |
| | | | 15000pF | ±10% | GRM219R71H153KA01# |
| | | | | ±20% | GRM219R71H153MA01# |
| | | | 33000pF | ±10% | GRM219R71H333KA01# |
| | | | 0.33µF | ±10% | GRM219R71H334KA88# |
| | | R | 33000pF | ±10% | GRM219R11H333KA01# |
| | | X5R | 1.0µF | ±10% | GRM219R61H105KA73# |
| | | | | ±20% | GRM219R61H105MA73# |
| | | | 2.2µF | ±10% | GRM219R61H225KE15# |
| | | | | ±20% | GRM219R61H225ME15# |
| | | В | 33000pF | ±10% | GRM219B11H333KA01# |
| | | | 0.33µF | ±10% | GRM219B31H334KA87# |

| 50 Vota | T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number | |
|--|-----------|------------------|------------|---------|------|--------------------|----------|
| #20% GRM219B31H105MA73# #20% GRM219B31H225KE15# #20% GRM219B31H225KE15# #20% GRM219C8YA225KE15# #20% GRM219C8YA225KE15# #20% GRM219C8YA225KE15# #20% GRM219C8YA25KE15# #20% GRM219C8YA25KE15# #20% GRM219R0YA475KA73# #20% GRM219R0YA475KA73# #20% GRM219R0YA475KA73# #20% GRM219R71E683KA01# #20% GRM219R1E683KA01# #20% GRM219C81E225KE15# #20% GRM219R61E225KE15# #20% GRM219R61E225KA12# #20% GRM219R61E225KA12# #20% GRM219R61E225KA12# #20% GRM219R61E25KA12# #20% GRM219R61E25KA18# #20% GRM219R61E25KA12# #20% GRM219R61E25KA1 | 0.95mm | 50Vdc | В | 0.33µF | ±20% | GRM219B31H334MA87# | |
| 2.2µF | | | | 1.0µF | ±10% | GRM219B31H105KA73# | |
| 1-20% GRM219B31H225ME15# 1-20% GRM219C8YA225KE15# 1-20% GRM219C8YA225ME15# 1-20% GRM219C8YA225ME15# 1-20% GRM219R6YA475KA73# 1-20% GRM219R71E03KA01# 1-20% GRM219R71E03KA01# 1-20% GRM219R71E104KA01# 1-20% GRM219R71E105KA88# 1-20% GRM219R71E105KA88# 1-20% GRM219R71E105KA88# 1-20% GRM219R71E105KA88# 1-20% GRM219R71E105KA88# 1-20% GRM219R71E105KA88# 1-20% GRM219R61E25KA12# 1-20% GRM219R61E106KA12# 1-20% GRM219R61E106KA12# 1-20% GRM219R61E25KA75# 1-20% GRM219R61C25KA75# 1-20% GRM219R61C25KA75# 1-20% GRM219R61C25KA75# 1-20% GRM219R61C25KE15# 1-20% GRM219R61C25KE15# 1-20% GRM219R61C106KA73# 1-20% GRM219R61A26MEA0# 1-20% GRM219R61A26M | | | | | ±20% | GRM219B31H105MA73# | |
| 35Vdc | | | | 2.2µF | ±10% | GRM219B31H225KE15# | |
| 25Vdc | | | | | ±20% | GRM219B31H225ME15# | |
| X5R 4.7µF ±10% GRM219R6YA475KA73# ±20% GRM219R71E683KA01# 0.1µF ±10% GRM219R71E683KA01# 0.68µF ±10% GRM219R71E104KA01# ±20% GRM219R71E104KA01# ±20% GRM219R71E104KA01# ±20% GRM219R71E104KA01# ±20% GRM219R71E104KA01# ±20% GRM219R71E105KA88# R 68000pF ±10% GRM219R11E683KA01# ±20% GRM219R11E683KA01# ±20% GRM219R1E683KA01# ±20% GRM219R1E225KE15# ±20% GRM219R61E225KA12# ±20% GRM219R61E225KA12# ±20% GRM219R61E225KA12# ±20% GRM219R61E225KA12# ±20% GRM219R61E225KA12# ±20% GRM219R61E25KA12# ±20% GRM219R61E06KA12# ±20% GRM219R61E06KA12# ±20% GRM219R61E06KA88# 1.0µF ±10% GRM219B31E06KA88# 1.0µF ±10% GRM219B31E05KA88# ±20% GRM219B31E25KA75# ±20% GRM219B31E25KA75# ±20% GRM219B31E25KA75# ±20% GRM219B31E25KA75# ±20% GRM219B31E25KA75# ±20% GRM219B31E25KA75# ±20% GRM219B31E06KA88# ±20% GRM219B31E06KA88# ±20% GRM219B31E25KA75# ±20% GRM219B31E06KA88# ±20% GRM219B31E06KA88# ±20% GRM219B31E06KA88# ±20% GRM219B31E06KA8# ±20% GRM219B31E06KA8# ±20% GRM219B31E06KA8# ±20% GRM219B31E06KA8# ±20% GRM219B31E06KA37# ±20% GRM219B31E06KA37# ±20% GRM219B31C06KA73# ±20% GRM219B31C06KA98# ±20% GRM219B31C06KA98# ±20% GRM219B31C06KA98# ±20% GRM219B31C06KA98# ±20% GRM219B310C6KA98# ±2 | | 35Vdc | X6S | 2.2µF | ±10% | GRM219C8YA225KE15# | |
| 25Vdc X7R | | | | | ±20% | GRM219C8YA225ME15# | |
| 25Vdc X7R | | | X5R | 4.7µF | ±10% | GRM219R6YA475KA73# | Derating |
| 0.1µF | | | | | ±20% | GRM219R6YA475MA73# | Derating |
| ±20% GRM219R71E104MA01# 0.68μF ±10% GRM219R71E105KA88# R 68000pF ±10% GRM219R71E105KA88# R 68000pF ±10% GRM219R11E683KA01# X6S 2.2μF ±10% GRM219R61E225KE15# ±20% GRM219R61E225KA12# ±20% GRM219R61E225KA12# ±20% GRM219R61E225KA12# ±20% GRM219R61E225KA12# ±20% GRM219R61E225KA12# ±20% GRM219R61E25KA12# ±20% GRM219R61E106KA12# ±20% GRM219R61E106KA12# ±10% GRM219B31E106KA12# ±20% GRM219B31E105KA88# 1.0μF ±10% GRM219B31E105KA88# 2.2μF ±10% GRM219B31E106KA12# ±20% GRM219B71C225KE15# ±20% GRM219B71C325KE15# ±20% GRM219B31C106KA73# ±20% GRM219B31C26MEA0# ±20% GRM219B31C26MEA0# ±20% GRM219B31A226MEA0# | | 25Vdc | X7R | 68000pF | ±10% | GRM219R71E683KA01# | |
| 0.68µF ±10% GRM219R71E684KA88# 1.0µF ±10% GRM219R71E105KA88# R 68000pF ±10% GRM219R11E683KA01# X6S 2.2µF ±10% GRM219R31E225KE15# ±20% GRM219R61E225KA12# ±20% GRM219R61E225KA12# ±20% GRM219R61E225KA12# ±20% GRM219R61E225KA12# ±20% GRM219R61E225KA13# ±20% GRM219R61E475KA73# ±20% GRM219R61E106KA12# ±10% GRM219R61E106KA12# ±10% GRM219B31E06AKA88# 0.68µF ±10% GRM219B31E105KA88# 2.2µF ±10% GRM219B31E105KA88# 2.2µF ±10% GRM219B31E106KA12# ±20% GRM219B31E106KA12# ±20% GRM219B31E106KA12# ±20% GRM219B31E105KA88# 2.2µF ±10% GRM219B31E106KA12# ±20% GRM219B31E106KA12# ±20% GRM219B31E106KA12# ±20% GRM219B31E106KA12# ±20% GRM219B31E106KA12# ±20% GRM219B71C25KE15# ±20% GRM219B71C25KE15# ±20% GRM219B71C25KE15# ±20% GRM219B71C25KE15# ±20% GRM219B71C25KE15# ±20% GRM219B71C684KA01# X6S 4.7µF ±10% GRM219B71C36AKA01# × × × × × × × × × × × × × × × × × × | | | | 0.1µF | ±10% | GRM219R71E104KA01# | |
| 1.0µF | | | | | ±20% | GRM219R71E104MA01# | |
| R 68000pF ±10% GRM219R11E683KA01# X6S 2.2μF ±10% GRM219C81E225KE15# ±20% GRM219R61E225KA12# ±20% GRM219R61E225KA12# ±20% GRM219R61E225KA12# ±20% GRM219R61E225KA12# ±20% GRM219R61E225KA12# ±20% GRM219R61E475KA73# ±20% GRM219R61E106KA12# ±20% GRM219R61E106KA12# ±20% GRM219B31E474KA88# 0.68μF ±10% GRM219B31E474KA88# 0.68μF ±10% GRM219B31E25KA75# ±20% GRM219B31E25KA75# ±20% GRM219B31E25KA75# ±20% GRM219B31E106KA12# ±20% GRM219B31E106KA13# ±20% GRM219B31E106KA33# ±20% GRM219B31C106KA73# ±20% GRM219B31A226MEA0# ±20% GRM21 | | | | 0.68µF | ±10% | GRM219R71E684KA88# | |
| X6S 2.2μF | | | | 1.0µF | ±10% | GRM219R71E105KA88# | |
| 1-20% GRM219C81E225ME15# 2-20% GRM219R61E225KA12# 1-20% GRM219R61E225KA12# 1-20% GRM219R61E225MA12# 1-20% GRM219R61E475KA73# 1-20% GRM219R61E106KA12# 1-20% GRM219R61E106KA12# 1-20% GRM219R61E106KA12# 1-20% GRM219R61E106KA12# 1-20% GRM219R61E106KA12# 1-20% GRM219B31E474KA88# 1-0µF 1-10% GRM219B31E105KA88# 1-0µF 1-10% GRM219B31E105KA88# 1-0µF 1-10% GRM219B31E105KA88# 1-0µF 1-10% GRM219B31E105KA88# 1-0µF 1-10% GRM219B31E106KA12# 1-20% GRM219B31E106KA12# 1-20% GRM219B31E106KA12# 1-20% GRM219B31E106KA12# 1-20% GRM219B31E106KA12# 1-20% GRM219B71C225KE15# 1-20% GRM219B71C225KE15# 1-20% GRM219B71C225KE15# 1-20% GRM219B71C225KE15# 1-20% GRM219B71C225KE15# 1-20% GRM219B71C25KE15# 1-20% GRM219B71C475KE15# 1-20% GRM219B71C425KE15# 1-20% GRM219B71C45KB39# 1-20% GRM219B71C425KE15# 1-20% GRM219B71C425KE15# 1-20% GRM219B71C425KE15# 1-20% GRM219B71C425KE15# 1-20 | | | R | 68000pF | ±10% | GRM219R11E683KA01# | |
| X5R 2.2μF ±10% GRM219R61E225KA12# ±20% GRM219R61E225MA12# ±20% GRM219R61E475KA73# ±20% GRM219R61E106KA12# ±20% GRM219R61E106KA12# ±20% GRM219R61E106KA12# ±20% GRM219B31E474KA88# 0.68μF ±10% GRM219B31E05KA88# ±10μF ±10% GRM219B31E105KA88# ±20% GRM219B31E105KA88# ±20% GRM219B31E106KA12# ±20% GRM219B31C106KA3# ±20% GRM219B31C475KE15# ±20% GRM219B31C475KE15# ±20% GRM219B31C106KA73# ±20% GRM219B31C25ME15# ±20% GRM219B31C26MEA0# ±20% GRM219B31A226MEA0# | | | X6S | 2.2µF | ±10% | GRM219C81E225KE15# | |
| ±20% GRM219R61E225MA12# 4.7μF | | | | | ±20% | GRM219C81E225ME15# | |
| 4.7μF | | | X5R | 2.2µF | ±10% | GRM219R61E225KA12# | |
| ±20% GRM219R61E475MA73# 10µF | | | | | ±20% | GRM219R61E225MA12# | |
| 10μF | | | | 4.7µF | ±10% | GRM219R61E475KA73# | |
| ±20% GRM219R61E106MA12# 10% GRM219B31E474KA88# 0.68μF ±10% GRM219B31E25KA75# ±20% GRM219B31E225MA75# ±20% GRM219B31E106KA12# ±20% GRM219B31E225MA75# ±20% GRM219B31E106KA12# ±20% GRM219B31E106MA12# ±20% GRM219B71C235KE15# ±20% GRM219B71C25KE15# ±20% GRM219B71C25KE15# ±20% GRM219B71C25KE15# ±20% GRM219C81C475KA73# ±20% GRM219C81C475KA73# ±20% GRM219B61C106KA73# ±20% GRM219B31C106MA73# ±20% GRM219B31A226MEA0# ±20% GRM219B31A226MEA0# ±20% GRM219B31A226MEA0# ±20% GRM219B31A226MEA0# ±20% GRM219B31A226MEA0# ±20% GRM219C80J106KE39# ±20% GRM219C80J106KE39# ±20% GRM219C80J106ME39# ±20% GRM219R60J226MEA7# ±20% GRM219R60J226MEA | | | | | ±20% | GRM219R61E475MA73# | |
| B 0.47μF ±10% GRM219B31E474KA88# 0.68μF ±10% GRM219B31E105KA88# 1.0μF ±10% GRM219B31E25KA75# ±20% GRM219B31E105KA88# ±20% GRM219B31E105KA88# ±20% GRM219B31E106KA12# ±20% GRM219B31E106MA12# ±20% GRM219B31E106MA12# ±20% GRM219B31E106MA12# ±20% GRM219R71C334KA88# 0.68μF ±10% GRM219R71C234KA88# ±20% GRM219R71C25KE15# ±20% GRM219R71C25KE15# ±20% GRM219R71C25KE15# ±20% GRM219R71C25KE15# ±20% GRM219R31C475KA73# ±20% GRM219R31C475KA73# ±20% GRM219R31C475KE15# ±10% GRM219R31C106KA73# ±20% GRM219R31C106MA73# ±20% GRM219B31C106MA73# ±20% GRM219B31C106KA73# ±20% GRM219B31C106KA73# ±20% GRM219B31C106MA73# ±20% GRM219B31C26MEA0# ±20% GRM219B31A226MEA0# ±20% GRM219B60J226MEA0# ±20% GRM219B60J226ME | | | | 10µF | ±10% | GRM219R61E106KA12# | Derating |
| 1.0μF | | | | | ±20% | GRM219R61E106MA12# | Derating |
| 1.0μF | | | В | 0.47µF | ±10% | GRM219B31E474KA88# | |
| 2.2μF | | | | 0.68µF | ±10% | GRM219B31E684KA88# | |
| ±20% GRM219B31E225MA75# ±10% GRM219B31E106KA12# ±20% GRM219B31E106KA12# ±20% GRM219B31E106MA12# ±20ming ±20% GRM219R71C334KA88# 0.68μF ±10% GRM219R71C25KE15# ±20% GRM219R71C225ME15# ±20% GRM219R71C225ME15# ±20% GRM219R11C684KA01# X6S 4.7μF ±10% GRM219C81C475KA73# ±20% GRM219C81C475MA73# X5R 4.7μF ±10% GRM219R61C475KE15# 10μF ±10% GRM219R61C106KA73# ±20% GRM219R61C106MA73# ±20% GRM219B31C106MA73# 4.7μF ±10% GRM219B31C106KA73# ±20% GRM219B31C106MA73# 10Vdc X7R 2.2μF ±10% GRM219B31C106MA73# ±20% GRM219B31A226MEA0# ±20% GRM219B31A226MEA0# ±20% GRM219B31A226MEA0# ±20% GRM219C80J106KE39# ±20% GRM219C80J106ME39# | | | | 1.0µF | ±10% | GRM219B31E105KA88# | |
| 10μF | | | | 2.2µF | ±10% | GRM219B31E225KA75# | |
| ±20% GRM219B31E106MA12# ±10% GRM219R71C334KA88# 0.68μF ±10% GRM219R71C225KE15# ±20% GRM219R71C225KE15# ±20% GRM219R71C225KE15# ±20% GRM219R71C225KE15# ±20% GRM219R71C225KE15# ±20% GRM219C81C475KA73# ±20% GRM219C81C475KA73# ±20% GRM219C81C475KA73# ±20% GRM219R61C106KA73# ±20% GRM219R61C106KA73# ±20% GRM219B31C475KE15# 10μF ±10% GRM219B31C475KE15# 10μF ±10% GRM219B31C475KE15# 10μF ±10% GRM219B31C475KE15# ±20% GRM219B31C106KA73# ±20% GRM219B31C106KA73# ±20% GRM219B31C106MA73# ±20% GRM219B31C106MA73# ±20% GRM219B71A225KE15# ±20% GRM219D71A475KE15# ±20% GRM219D71A475KE15# ±20% GRM219D71A475KE15# ±20% GRM219D71A475KE15# ±20% GRM219D71A475KE15# ±20% GRM219B31A226MEA0# ±20% GRM219B31A226MEA0# ±20% GRM219C80J106KE39# ±20% GRM219C80J106KE39# ±20% GRM219C80J106ME39# ±20% GRM219C80J106ME30# ±20% GRM219C80J106ME30# ±20% GRM219C80J106ME30# ±20% GRM219C80J106ME30# | | | | | ±20% | GRM219B31E225MA75# | |
| 16Vdc X7R | | | | 10µF | ±10% | GRM219B31E106KA12# | Derating |
| 0.68μF ±10% GRM219R71C684KA01# 2.2μF ±10% GRM219R71C225KE15# ±20% GRM219R71C225ME15# H20% GRM219R11C684KA01# X6S 4.7μF ±10% GRM219C81C475KA73# ±20% GRM219C81C475KA73# ±20% GRM219R61C106KA73# ±20% GRM219R61C106KA73# ±20% GRM219R61C106KA73# ±20% GRM219R61C106MA73# H20% GRM219B31C475KE15# GRM219B31C475KE15# 10μF ±10% GRM219B31C106KA73# ±20% GRM219B31C106KA73# ±20% GRM219B31C106KA73# ±20% GRM219B31C106MA73# ±20% GRM219B31C106MA73# ±20% GRM219R71A225KE15# ±20% GRM219R71A225KE15# ±20% GRM219R71A225ME15# ±20% GRM219D71A475KE15# ±20% GRM219D71A475ME15# ±20% GRM219B31A226MEA0# ±20% GRM219B31A226MEA0# ±20% GRM219B31A226MEA0# ±20% GRM219C80J106KE39# ±20% GRM219C80J106ME39# ±20% GRM219C80J226ME47# ±20% GRM219C80J226ME47 | | | | | ±20% | GRM219B31E106MA12# | Derating |
| 2.2μF | | 16Vdc | X7R | 0.33µF | ±10% | GRM219R71C334KA88# | |
| ±20% GRM219R71C225ME15# R 0.68μF ±10% GRM219R11C684KA01# X6S 4.7μF ±10% GRM219C81C475KA73# ±20% GRM219C81C475KA73# ±20% GRM219R61C475KE15# 10μF ±10% GRM219R61C106KA73# ±20% GRM219R61C106MA73# ±20% GRM219B31C475KE15# 10μF ±10% GRM219B31C475KE15# 10μF ±10% GRM219B31C106KA73# ±20% GRM219B31C106MA73# ±20% GRM219B31C106MA73# ±20% GRM219B31C106MA73# ±20% GRM219B31C106MA73# ±20% GRM219R71A225KE15# ±20% GRM219R71A225ME15# X7T 4.7μF ±10% GRM219D71A475KE15# ±20% GRM219D71A475ME15# ±20% GRM219B31A226MEA0# Editor GRM219B31A226MEA0# Editor GRM219C80J106KE39# ±20% GRM219C80J106ME39# | | | | 0.68µF | ±10% | GRM219R71C684KA01# | |
| R 0.68μF ±10% GRM219R11C684KA01# X6S 4.7μF ±10% GRM219C81C475KA73# ±20% GRM219R61C475KE15# 10μF ±10% GRM219R61C106KA73# ±20% GRM219R61C106MA73# ±20% GRM219R61C106MA73# ±20% GRM219B31C475KE15# 10μF ±10% GRM219B31C475KE15# 10μF ±10% GRM219B31C106KA73# ±20% GRM219B31C106MA73# ±20% GRM219B31C106MA73# ±20% GRM219B31C106MA73# ±20% GRM219B31C106MA73# ±20% GRM219R71A225KE15# ±20% GRM219R71A225KE15# ±20% GRM219D71A475KE15# ±20% GRM219D71A475ME15# ±20% GRM219D71A475ME15# ±20% GRM219B31A226MEA0# ±20% GRM219B31A226MEA0# ±20% GRM219B31A226MEA0# ±20% GRM219C80J106KE39# ±20% GRM219C80J106ME39# ±20% GRM219C80J226ME47# Details | | | | 2.2µF | ±10% | GRM219R71C225KE15# | |
| X6S 4.7μF ±10% GRM219C81C475KA73# ±20% GRM219C81C475KA73# ±20% GRM219R61C475KE15# 10μF ±10% GRM219R61C106KA73# ±20% GRM219R61C106MA73# ±20% GRM219R61C106MA73# 4.7μF ±10% GRM219B31C475KE15# 10μF ±10% GRM219B31C106KA73# ±20% GRM219B31C106MA73# ±20% GRM219B31C106MA73# ±20% GRM219B31C106MA73# ±20% GRM219B31C106MA73# ±20% GRM219R71A225KE15# ±20% GRM219R71A225KE15# ±20% GRM219D71A475KE15# ±20% GRM219D71A475ME15# ±20% GRM219D71A475ME15# ±20% GRM219B31A226MEA0# ±20% GRM219B31A226MEA0# ±20% GRM219B31A226MEA0# ±20% GRM219C80J106KE39# ±20% GRM219C80J106ME39# ±20% GRM219C80J226ME47# ±20% GRM219C80J22 | | | | | ±20% | GRM219R71C225ME15# | |
| ±20% GRM219C81C475MA73# X5R | | | R | 0.68µF | ±10% | GRM219R11C684KA01# | |
| X5R | | | X6S | 4.7µF | ±10% | GRM219C81C475KA73# | |
| 10μF | | | | | ±20% | GRM219C81C475MA73# | |
| ±20% GRM219R61C106MA73# B 0.68μF ±10% GRM219B11C684KA01# 4.7μF ±10% GRM219B31C475KE15# 10μF ±10% GRM219B31C106KA73# ±20% GRM219B31C106MA73# ±20% GRM219B31C106MA73# ±20% GRM219R71A225KE15# ±20% GRM219R71A225KE15# ±20% GRM219D71A475KE15# ±20% GRM219D71A475ME15# ±20% GRM219D71A475ME15# ±20% GRM219B31A226MEA0# B 22μF ±20% GRM219B31A226MEA0# B 32μF ±20% GRM219B31A226MEA0# 6.3Vdc X6S 10μF ±10% GRM219C80J106KE39# ±20% GRM219C80J106ME39# ±20% GRM219C80J106ME39# ±20% GRM219C80J106ME39# ±20% GRM219C80J106ME39# ±20% GRM219C80J26ME47# Details | | | X5R | 4.7µF | ±10% | GRM219R61C475KE15# | |
| B 0.68μF ±10% GRM219B11C684KA01# 4.7μF ±10% GRM219B31C475KE15# 10μF ±10% GRM219B31C106KA73# ±20% GRM219B31C106MA73# ±20% GRM219R71A225KE15# ±20% GRM219R71A225KE15# ±20% GRM219R71A225KE15# ±20% GRM219D71A475KE15# ±20% GRM219D71A475KE15# ±20% GRM219D71A475KE15# ±20% GRM219B31A226MEA0# ±20% GRM219B31A226MEA0# ±20% GRM219B31A226MEA0# ±20% GRM219C80J106KE39# ±20% GRM219C80J106ME39# ±20% GRM219C80J26ME47# Details | | | | 10µF | ±10% | GRM219R61C106KA73# | |
| 4.7μF | | | | | ±20% | GRM219R61C106MA73# | |
| 10μF | | | В | 0.68µF | ±10% | GRM219B11C684KA01# | |
| ±20% GRM219B31C106MA73# 10Vdc X7R 2.2μF ±10% GRM219R71A225KE15# ±20% GRM219R71A225ME15# X7T 4.7μF ±10% GRM219D71A475KE15# Decling ±20% GRM219D71A475ME15# Decling ±20% GRM219R61A226MEA0# Decling B 22μF ±20% GRM219B31A226MEA0# 6.3Vdc X6S 10μF ±10% GRM219C80J106KE39# ±20% GRM219C80J106ME39# X5R 22μF ±20% GRM219R60J226ME47# Decling | | | | 4.7µF | ±10% | GRM219B31C475KE15# | |
| 10Vdc X7R 2.2μF ±10% GRM219R71A225KE15# ±20% GRM219R71A225KE15# ±20% GRM219R71A225KE15# ±20% GRM219D71A475KE15# □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ | | | | 10μF | ±10% | GRM219B31C106KA73# | |
| ±20% GRM219R71A225ME15# X7T 4.7μF ±10% GRM219D71A475KE15# Decition ±20% GRM219D71A475ME15# Decition ±20% GRM219R61A226MEA0# Decition B 22μF ±20% GRM219B31A226MEA0# Decition 6.3Vdc X6S 10μF ±10% GRM219C80J106KE39# ±20% GRM219C80J106ME39# X5R 22μF ±20% GRM219R60J226ME47# Decition X5R 22μF ±20% GRM219R60J226ME47# Decition X7T 4.7μF ±10% GRM219C80J106ME39# X5R 22μF ±20% GRM219R60J226ME47# Decition X7T 4.7μF ±10% GRM219C80J106ME39# Decition X5R 22μF ±20% GRM219R60J226ME47# Decition X7T 4.7μF ±10% GRM219C80J106ME39# Decition X5R 22μF ±20% GRM219R60J226ME47# Decition X7T 4.7μF ±10% GRM219C80J106ME39# Decition X5R 22μF ±20% GRM219R60J226ME47# Decition X7T 4.7μF ±10% GRM219C80J106ME39# Decition X5R 22μF ±20% GRM219R60J226ME47# Decition X7T 4.7μF ±10% GRM219C80J106ME39# Decition X7T 4.7μF ±20% GRM219C80J106ME39# Decition De | | | | | ±20% | GRM219B31C106MA73# | |
| X7T 4.7μF ±10% GRM219D71A475KE15# Dealing ±20% GRM219D71A475KE15# Dealing Except | | 10Vdc | X7R | 2.2µF | ±10% | GRM219R71A225KE15# | |
| ±20% GRM219D71A475ME15# Decling X5R 22μF ±20% GRM219R61A226MEA0# Decling B 22μF ±20% GRM219B31A226MEA0# Decling 6.3Vdc X6S 10μF ±10% GRM219C80J106KE39# ±20% GRM219C80J106ME39# X5R 22μF ±20% GRM219R60J226ME47# Decling | | | | | ±20% | GRM219R71A225ME15# | <u></u> |
| X5R 22μF ±20% GRM219R61A226MEA0# GRM219R61A226MEA0# GRM219R61A226MEA0# GRM219R61A226MEA0# GRM219R61A226MEA0# GRM219C80J106KE39# ±20% GRM219C80J106ME39# X5R 22μF ±20% GRM219R60J226ME47# GRM219R60J26ME47# GRM21PR60J26ME47# GRM21PR60J26ME47# GRM21PR60J26ME47# GRM21PR60J26ME47# GRM21PR60J26ME47# GRM21PR60J26ME47# GRM21PR60J26ME47# GRM21PR60J26ME47# GRM21 | | | X7T | 4.7µF | ±10% | GRM219D71A475KE15# | Derating |
| B 22μF ±20% GRM219B31A226MEA0# 0.3Vdc X6S 10μF ±10% GRM219C80J106KE39# ±20% GRM219C80J106ME39# X5R 22μF ±20% GRM219R60J226ME47# 0.30ml | | | | | ±20% | GRM219D71A475ME15# | Derating |
| 6.3Vdc X6S 10μF ±10% GRM219C80J106KE39# ±20% GRM219C80J106ME39# X5R 22μF ±20% GRM219R60J226ME47# | | | X5R | 22µF | ±20% | GRM219R61A226MEA0# | Derating |
| ±20% GRM219C80J106ME39# X5R 22μF ±20% GRM219R60J226ME47# Peraling | | | В | 22µF | ±20% | GRM219B31A226MEA0# | Derating |
| X5R 22μF ±20% GRM219R60J226ME47# Death | | 6.3Vdc | X6S | 10μF | ±10% | GRM219C80J106KE39# | |
| | | | | | ±20% | GRM219C80J106ME39# | |
| B 22μF ±20% GRM219B30J226ME47# Peraling | | | X5R | 22µF | ±20% | GRM219R60J226ME47# | Derating |
| | | | В | 22µF | ±20% | GRM219B30J226ME47# | Derating |

Part number # indicates the package specification code.

(→ **■** 2.0×1.25mm)

| To Note | (→ ■ 2 | 2.0×1.2 | omm) | | | 1 | |
|--|--------|---------|-----------|---------|------|--------------------|----------|
| 100Vdc X7R | | | | Сар. | Tol. | Part Number | |
| Note | 0.95mm | 4Vdc | X6S | 10µF | ±10% | GRM219C80G106KE19# | |
| 1mm | | | | | ±20% | GRM219C80G106ME19# | |
| 1.35mm | | | X5R | 47µF | ±20% | GRM219R60G476ME44# | Derating |
| SOVdc X7R 22000pF | 1mm | 100Vdc | X7R | 0.22µF | ±10% | GRM21AR72A224KAC5# | |
| 1.35mm | | | | 0.33µF | ±10% | GRM21AR72A334KAC5# | |
| 100Vdc X7R | | 50Vdc | X7R | 22000pF | ±10% | GRM219R71H223KA17# | |
| 15000pF ±10% GRM21BR72A153KA01# 22000pF ±10% GRM21BR72A233KA01# 47000pF ±10% GRM21BR72A683KAC4# ±20% GRM21BR72A104KAC4# ±20% GRM21BR72A104KAC4# ±20% GRM21BR72H104KA01# 68000pF ±10% GRM21BR71H104KA01# ±20% GRM21BR71H104KA01# ±20% GRM21BR71H104KA01# ±20% GRM21BR71H104KA01# ±20% GRM21BR71H104KA01# ±20% GRM21BR71H104KA01# ±20% GRM21BR71H104KA01# ±10% GRM21BR71H104KA01# ±10% GRM21BR71H104KA01# ±10% GRM21BR71H104KA01# ±10% GRM21BR71H104KA01# ±10% GRM21BR11H104KA01# ±10% GRM21BR11H104KA01# ±20% GRM21BR11H104KA01# ±20% GRM21BR11H104KA01# ±20% GRM21BR11H104KA01# ±20% GRM21BR11H104KA01# ±20% GRM21BB11H683KA01# ±20% GRM21BB11H104KA01# ±20% GRM21BB1H105KA12# ±20% GRM21BB31H105KA12# ±20% GRM21BB31H254KA08# ±20% GRM21BB31H254KA08# ±20% GRM21BB31H254KA01# | | | | | ±20% | GRM219R71H223MA17# | |
| 15000pF | 1.35mm | 100Vdc | X7R | 10000pF | ±10% | GRM21BR72A103KA01# | |
| 22000pF | | | | · · | | | |
| 33000pF | | | | · · | | | |
| 47000pF ±10% GRM21BR72A473KA01# 68000pF ±10% GRM21BR72A683KAC4# ±20% GRM21BR72A683KAC4# ±20% GRM21BR72A104KAC4# ±20% GRM21BR72A104KAC4# ±20% GRM21BR71H473KA01# 68000pF ±10% GRM21BR71H104KA01# ±20% GRM21BR71H104KA01# ±20% GRM21BR71H104KA01# ±20% GRM21BR71H104KA01# 0.15μF ±10% GRM21BR71H104KA01# 0.22μF ±10% GRM21BR71H105KA12# GRM21BR71H105KA12# GRM21BR71H105KA12# GRM21BR71H104KA01# ±20% GRM21BR71H104KA01# ±20% GRM21BR71H104KA01# ±20% GRM21BR71H104KA01# ±20% GRM21BR11H104KA01# ±20% GRM21BR11H104KA01# ±20% GRM21BR11H104KA01# ±20% GRM21BR11H104KA01# ±20% GRM21BB11H104KA01# ±20% GRM21BB11H104KA01# ±20% GRM21BB11H104KA01# ±20% GRM21BB11H104KA01# ±20% GRM21BB11H104KA01# ±20% GRM21BB31H154KA88# ±20% GRM21BB31H154KA88# ±20% GRM21BB31H154KA88# ±20% GRM21BB31H24KA88# ±20% GRM21BB31H24KA88# ±20% GRM21BB31H24KA88# ±20% GRM21BB31H24KA88# ±20% GRM21BB31H24KA88# ±20% GRM21BB31H105KA12# ±20% GRM21BB31H105AA01# ±20% GRM21BB31H105AA01# ±20% GRM21BB31H105AA01# ±20% GRM21BB31H105AA01# ± | | | | - | | | |
| 68000pF | | | | · · | | | |
| ### ### ### ### ### ### ### ### ### ## | | | | · · | | | |
| 0.1μF ±10% GRM21BR72A104KAC4# ±20% GRM21BR72A104MAC4# ±20% GRM21BR71H473KA01# 68000pF ±10% GRM21BR71H104KA01# ±20% GRM21BR71H104KA01# ±20% GRM21BR71H104KA01# ±20% GRM21BR71H104KA01# ±20% GRM21BR71H104KA01# ±20% GRM21BR71H104KA01# 0.15μF ±10% GRM21BR71H24KA01# 0.47μF ±10% GRM21BR71H105KA12# GRM21BR71H104KA01# ±20% GRM21BR11H04KA01# ±20% GRM21BR11H104KA01# ±20% GRM21BR11H104KA01# ±20% GRM21BR11H104KA01# ±20% GRM21BB11H104KA01# ±20% GRM21BB11H104KA01# ±20% GRM21BB11H104KA01# ±20% GRM21BB11H104KA01# ±20% GRM21BB31H154KA88# ±20% GRM21BB31H154KA88# ±20% GRM21BB31H154KA88# ±20% GRM21BB31H224KA88# ±20% GRM21BB31H224KA88# ±20% GRM21BB31H24ARA8# ±20% GRM21BB31H34ARA8# ±20% GRM21BB31H34ARA8# ±20% GRM21BB31H34ARA8# ±20% GRM21BB31H34ARA8# ±20% GRM21BB31H34ARA8# ±20% GRM21BB31H35AAA2# ±20% GRM21BB31H35AAA3# ±20% GRM21BB31H35AAA3# ±20% GRM21BR31E3AAA01# ±20% GRM21BR31E3AAA01# ±20% GRM21BR31E3AAA01# ±20% GRM21BR31E3AAAA3# ±20% GRM21BR31E3AAAA3# ±20% GRM21BR31E3AAAA3# ±20% GRM21BR31E3AAAA3# ±20% GRM21BR31E3AAAA3# ±20% GRM21BR31E3AAAA3# ±20% GRM21BR31E3AAAA34# ±20% GRM21BR31E3AAA3A3# ±20% GRM21BR31E3AAA3A3# ±20% GRM21BR31E3AAA3A3# ±20% GRM21BR31E3AAA3A3# ±20% GRM21BR3 | | | | боооорг | | | |
| ±20% GRM21BR72A104MAC4# 50Vdc X7R 47000pF ±10% GRM21BR71H473KA01# 68000pF ±10% GRM21BR71H104KA01# ±20% GRM21BR71H104KA01# ±20% GRM21BR71H154KA01# 0.15μF ±10% GRM21BR71H24KA01# 0.47μF ±10% GRM21BR71H35KA01# 0.47μF ±10% GRM21BR71H35KA01# 0.47μF ±10% GRM21BR71H35KA01# 68000pF ±10% GRM21BR1H473KA01# 68000pF ±10% GRM21BR1H104KA01# ±20% GRM21BR1H104KA01# ±20% GRM21BB1H473KA01# 68000pF ±10% GRM21BB1H473KA01# 68000pF ±10% GRM21BB1H473KA01# 68000pF ±10% GRM21BB1H683KA01# 0.1μF ±10% GRM21BB1H683KA01# 0.1μF ±10% GRM21BB1H34KA88# ±20% GRM21BB31H54KA88# ±20% GRM21BB31H34KA88# ±20% GRM21BB31H224KA88# ±20% GRM21BB31H474MA87# ±20% GRM21BB31H684KAC4# ±20% GRM21BB31H684KAC4# ±20% GRM21BB31H105KA12# ±20% GRM21BR71E154KA01# 0.15μF ±10% GRM21BR71E104KA01# 0.15μF ±10% GRM21BR11E154KA01# ±20% GRM21BR11E154KA01# GRM21BR11E154KA01# ±20% GRM21BR11E54KA08# ±20% GRM21BR11E54KA08# ±20% GRM21BR11E54KA08# ±20% GRM21BR11E54KA08# ±20% GRM21BR11E54KA08# ±20% GRM21BR11E64KA08# ±20% GRM21BR11E64KA08# ±20% GRM21BR11E625KA12# ±20% GRM21BR11E625KA12# | | | | 0.4.5 | | | |
| SOVdc X7R | | | | 0.1µF | | | |
| 68000pF ±10% GRM21BR71H683KA01# ±10% GRM21BR71H104KA01# ±20% GRM21BR71H104KA01# ±20% GRM21BR71H154KA01# 0.22μF ±10% GRM21BR71H224KA01# 0.47μF ±10% GRM21BR71H105KA12# 1.0μF ±10% GRM21BR71H105KA12# 68000pF ±10% GRM21BR11H104KA01# ±20% GRM21BR11H104KA01# ±20% GRM21BR11H104KA01# ±20% GRM21BR11H104KA01# 68000pF ±10% GRM21BR11H104KA01# ±20% GRM21BR1H104KA01# ±20% GRM21BR1H104KA01# 68000pF ±10% GRM21BB1H1473KA01# 68000pF ±10% GRM21BB1H1473KA01# 68000pF ±10% GRM21BB1H1473KA01# ±20% GRM21BB1H104KA01# ±20% GRM21BB1H104KA01# ±20% GRM21BB31H154KA88# ±20% GRM21BB31H154KA88# ±20% GRM21BB31H224KA88# ±20% GRM21BB31H24KA88# ±20% GRM21BB31H474KA87# ±20% GRM21BB31H05KA12# ±20% GRM21BB31H05KA12# ±20% GRM21BB31H05KA12# ±20% GRM21BB31H105KA12# ±20% GRM21BB31H105KA01# ±20% GRM21BB31H254KA08# ±20% GRM21BB31H254KA08# ±20% GRM21BB31H254KA08# ±20% GRM21BB31H254KA01# ±20% GRM21BB31H254KA01# ±20% GRM21BB31H254KA01# ±20% GRM21BB31H254KA01# ±20% GRM21BB31H2525KA12# ±20% GRM21BB31H2525KA12# ±20% GRM21BB31H2525KA12# ±20% GRM21BB31H2525KA12# ±20% GRM21BB31H2525KA12# ±20% GRM21BB31H2525KA12# ±20% GRM21BB31H | | | | | | | |
| 0.1μF | | 50Vdc | X7R | 47000pF | ±10% | GRM21BR71H473KA01# | |
| ±20% GRM21BR71H104MA01# 0.15μF ±10% GRM21BR71H124KA01# 0.22μF ±10% GRM21BR71H224KA01# 0.47μF ±10% GRM21BR71H105KA12# 1.0μF ±10% GRM21BR71H105KA12# 47000pF ±10% GRM21BR11H473KA01# 68000pF ±10% GRM21BR11H104KA01# ±20% GRM21BR11H104KA01# ±20% GRM21BR11H104KA01# ±20% GRM21BB11H104KA01# 68000pF ±10% GRM21BB11H104KA01# 68000pF ±10% GRM21BB11H104KA01# 68000pF ±10% GRM21BB11H104KA01# 0.1μF ±10% GRM21BB11H104KA01# ±20% GRM21BB11H104KA01# ±20% GRM21BB31H154KA88# ±20% GRM21BB31H154KA88# ±20% GRM21BB31H224KA88# ±20% GRM21BB31H224KA88# ±20% GRM21BB31H474KA87# ±20% GRM21BB31H474MA87# ±20% GRM21BB31H684KAC4# ±20% GRM21BB31H105KA12# ±20% GRM21BB31H105KA12# ±20% GRM21BB31H105KA12# ±20% GRM21BR31H105KA12# ±20% GRM21BR31H254KA01# ±20% GRM21BR31H254KA01# ±20% GRM21BR31H254KA01# ±20% GRM21BR31H254KA01# ±20% GRM21BR31E255KA12# ±20% GRM21BR31E255KA12# ±20% GRM21BR31E225KA12# ±20% GRM21BR31E225KA12# | | | | · · | ±10% | GRM21BR71H683KA01# | |
| 0.15μF | | | | 0.1µF | ±10% | GRM21BR71H104KA01# | |
| 0.22μF ±10% GRM21BR71H224KA01# 0.47μF ±10% GRM21BR71H105KA12# 1.0μF ±10% GRM21BR71H105KA12# 47000pF ±10% GRM21BR11H473KA01# 68000pF ±10% GRM21BR11H104KA01# ±20% GRM21BR11H104KA01# ±20% GRM21BR11H104KA01# ±20% GRM21BB11H473KA01# 68000pF ±10% GRM21BB11H473KA01# 68000pF ±10% GRM21BB11H473KA01# 68000pF ±10% GRM21BB11H104KA01# ±10% GRM21BB11H104KA01# ±20% GRM21BB11H104KA01# ±20% GRM21BB31H154KA88# ±20% GRM21BB31H154KA88# ±20% GRM21BB31H224KA88# ±20% GRM21BB31H474KA87# ±20% GRM21BB31H474KA87# ±20% GRM21BB31H474KA87# ±20% GRM21BB31H474KA87# ±20% GRM21BB31H105KA12# ±20% GRM21BR31H105KA12# ±20% GRM21BR31H254KA03H | | | | | ±20% | GRM21BR71H104MA01# | |
| 0.47μF | | | | 0.15µF | ±10% | GRM21BR71H154KA01# | |
| 1.0μF | | | | 0.22µF | ±10% | GRM21BR71H224KA01# | |
| R 47000pF ±10% GRM21BR11H473KA01# 68000pF ±10% GRM21BR11H683KA01# 1±20% GRM21BR11H104KA01# ±20% GRM21BR11H104KA01# ±20% GRM21BR11H104KA01# 68000pF ±10% GRM21BB11H473KA01# 68000pF ±10% GRM21BB11H473KA01# 1±20% GRM21BB11H104KA01# 1±20% GRM21BB11H104KA01# 1±20% GRM21BB11H104KA01# 1±20% GRM21BB31H154KA88# 1±20% GRM21BB31H154KA88# 1±20% GRM21BB31H224KA88# 1±20% GRM21BB31H474KA87# 1±20% GRM21BB31H474KA87# 1±20% GRM21BB31H474KA87# 1±20% GRM21BB31H684KAC4# 1.0μF 1±10% GRM21BB31H105KA12# 1±20% GRM21BB31H11E154KA01# 1.0μF 1±10% GRM21BR71E104KA01# 1.0μF 1±10% GRM21BR71E154KA01# 1±20% GRM21BR11E154KA01# 1±20% GRM21BR11E54KA01# 1±20% GRM21BR11E525KA12# 1±20% GRM21BR11E325KA12# 1±20% GRM21BR11E325KA12# 1±20% GRM21BR11E325KA12# 1±20% | | | | 0.47µF | ±10% | GRM21BR71H474KA88# | |
| 68000pF ±10% GRM21BR11H683KA01# 0.1μF ±10% GRM21BR11H104KA01# ±20% GRM21BR11H104KA01# ±20% GRM21BR11H104KA01# 47000pF ±10% GRM21BB11H473KA01# 68000pF ±10% GRM21BB11H683KA01# 0.1μF ±10% GRM21BB11H104KA01# ±20% GRM21BB11H104KA01# ±20% GRM21BB31H154KA88# ±20% GRM21BB31H154KA88# ±20% GRM21BB31H224KA88# ±20% GRM21BB31H224KA88# ±20% GRM21BB31H474KA87# ±10% GRM21BB31H474KA87# ±20% GRM21BB31H684KAC4# ±20% GRM21BB31H684KAC4# ±20% GRM21BB31H105KA12# ±20% GRM21BB31H105KA12# ±20% GRM21BB31H105KA12# ±20% GRM21BB31H105KA12# ±20% GRM21BB31H105KA12# ±20% GRM21BR31E154KA01# 0.15μF ±10% GRM21BR71E104KA01# 0.15μF ±10% GRM21BR11E154KA01# 0.15μF ±10% GRM21BR11E154KA01# ±20% GRM21BR11E154KA01# ±20% GRM21BR11E154KA01# ±20% GRM21BR11E154KA01# ±20% GRM21BR11E154KA01# ±20% GRM21BR11E684KA88# X6S 4.7μF ±10% GRM21BR11E684KA88# X6S 4.7μF ±10% GRM21BR61E225KA12# ±20% GRM21BR61E225KA12# | | | | 1.0µF | ±10% | GRM21BR71H105KA12# | |
| 1.0μF ±10% GRM21BR11H104KA01# ±20% GRM21BR11H104MA01# ±20% GRM21BR61H105KA12# H | | | R | 47000pF | ±10% | GRM21BR11H473KA01# | |
| ±20% GRM21BR11H104MA01# X5R 1.0μF ±10% GRM21BR61H105KA12# B 47000pF ±10% GRM21BB11H473KA01# 68000pF ±10% GRM21BB11H104KA01# 0.1μF ±10% GRM21BB11H104KA01# ±20% GRM21BB31H154KA88# ±20% GRM21BB31H154KA88# ±20% GRM21BB31H224KA88# ±20% GRM21BB31H224KA88# ±20% GRM21BB31H474KA87# ±20% GRM21BB31H474KA87# ±20% GRM21BB31H684KAC4# ±20% GRM21BB31H684KAC4# ±20% GRM21BB31H105KA12# ±20% GRM21BB31H105KA12# ±20% GRM21BB31H105KA12# ±20% GRM21BB31H105KA12# ±20% GRM21BR71E104KA01# 0.15μF ±10% GRM21BR71E154KA01# 0.15μF ±10% GRM21BR11E154KA01# 0.15μF ±10% GRM21BR11E154KA01# 0.68μF ±10% GRM21BR11E154KA01# 0.68μF ±10% GRM21BR11E154KA01# 0.68μF ±10% GRM21BR11E684KA88# X6S 4.7μF ±10% GRM21BC81E475KA12# ±20% GRM21BC81E475KA12# | | | | 68000pF | ±10% | GRM21BR11H683KA01# | |
| X5R 1.0μF ±10% GRM21BR61H105KA12# B 47000pF ±10% GRM21BB11H473KA01# 68000pF ±10% GRM21BB11H104KA01# 0.1μF ±10% GRM21BB11H104KA01# ±20% GRM21BB31H154KA88# ±20% GRM21BB31H154KA88# ±20% GRM21BB31H154KA88# ±20% GRM21BB31H224KA88# ±20% GRM21BB31H224KA88# ±20% GRM21BB31H474KA87# ±10% GRM21BB31H474KA87# ±20% GRM21BB31H474KA87# ±20% GRM21BB31H684KAC4# ±20% GRM21BB31H105KA12# ±20% GRM21BB31H105KA12# ±20% GRM21BB31H105KA12# ±20% GRM21BB31H105KA12# ±20% GRM21BR71E104KA01# 0.15μF ±10% GRM21BR71E154KA01# 0.15μF ±10% GRM21BR11E154KA01# ±20% GRM21BR31E475KA12# ±20% GRM21BR31E475KA12# ±20% GRM21BR31E475KA12# ±20% GRM21BR31E475KA12# ±20% GRM21BR31E475KA12# ±20% GRM21BR31E475KA12# | | | | 0.1µF | ±10% | GRM21BR11H104KA01# | |
| X5R 1.0μF ±10% GRM21BR61H105KA12# B 47000pF ±10% GRM21BB11H473KA01# 68000pF ±10% GRM21BB11H104KA01# 0.1μF ±10% GRM21BB11H104KA01# ±20% GRM21BB31H154KA88# ±20% GRM21BB31H154KA88# ±20% GRM21BB31H154KA88# ±20% GRM21BB31H224KA88# ±20% GRM21BB31H224KA88# ±20% GRM21BB31H474KA87# ±10% GRM21BB31H474KA87# ±20% GRM21BB31H474KA87# ±20% GRM21BB31H684KAC4# ±20% GRM21BB31H105KA12# ±20% GRM21BB31H105KA12# ±20% GRM21BB31H105KA12# ±20% GRM21BB31H105KA12# ±20% GRM21BR71E104KA01# 0.15μF ±10% GRM21BR71E154KA01# 0.15μF ±10% GRM21BR11E154KA01# ±20% GRM21BR31E475KA12# | | | | | ±20% | GRM21BR11H104MA01# | |
| B 47000pF ±10% GRM21BB11H473KA01# 68000pF ±10% GRM21BB11H104KA01# ±20% GRM21BB11H104KA01# ±20% GRM21BB31H154KA88# ±20% GRM21BB31H154KA88# ±20% GRM21BB31H224KA88# ±20% GRM21BB31H224KA88# ±20% GRM21BB31H224KA88# ±20% GRM21BB31H474KA87# ±20% GRM21BB31H474KA87# ±20% GRM21BB31H474KA87# ±20% GRM21BB31H474KA87# ±20% GRM21BB31H684KAC4# ±20% GRM21BB31H105KA12# ±20% GRM21BB31H105KA12# ±20% GRM21BB31H105KA12# ±20% GRM21BB31H105KA12# ±20% GRM21BB31H105KA12# ±20% GRM21BR71E154KA01# 0.15μF ±10% GRM21BR71E154KA01# 0.15μF ±10% GRM21BR71E154KA01# ±20% GRM21BR11E154KA01# ±20% GRM21BR11E684KA88# X6S 4.7μF ±10% GRM21BC81E475KA12# ±20% GRM21BC81E425KA12# ±20% GRM21BC81E425KA12# ±20% GRM21BC81E425KA12# ±20% GRM21BC81E425KA12# ±20% GRM21BC81E425KA12# ±20% GRM21BC81E225KA12# | | | X5R | 1.0uF | ±10% | GRM21BR61H105KA12# | |
| 68000pF | | | | - | | | |
| 0.1μF | | | | | | | |
| # ±20% GRM21BB11H104MA01# 0.15μF ±10% GRM21BB31H154KA88# ±20% GRM21BB31H154KA88# ±20% GRM21BB31H224KA88# ±20% GRM21BB31H224MA88# ±20% GRM21BB31H474KA87# ±20% GRM21BB31H474MA87# ±20% GRM21BB31H684KAC4# ±20% GRM21BB31H105KA12# ±20% GRM21BB31H105KA12# ±20% GRM21BB31H105KA12# ±20% GRM21BB31H105MA12# ±20% GRM21BB31H105MA12# ±20% GRM21BB31H105MA12# ±20% GRM21BR71E104KA01# 0.15μF ±10% GRM21BR71E104KA01# 0.15μF ±10% GRM21BR11E154KA01# ±20% GRM21BR11E154MA01# 0.68μF ±10% GRM21BR11E154MA01# ±20% GRM21BR11E154MA01# ±20% GRM21BR11E684KA88# X6S 4.7μF ±10% GRM21BC81E475KA12# ±20% GRM21BC81E475MA12# ±20% GRM21BC81E475MA12# ±20% GRM21BC81E475MA12# ±20% GRM21BR61E225KA12# | | | | · · | | | |
| 0.15μF ±10% GRM21BB31H154KA88# ±20% GRM21BB31H154MA88# 0.22μF ±10% GRM21BB31H224KA88# ±20% GRM21BB31H224MA88# ±20% GRM21BB31H474KA87# ±20% GRM21BB31H474MA87# 0.68μF ±10% GRM21BB31H684KAC4# ±20% GRM21BB31H105KA12# ±20% GRM21BB31H105KA12# ±20% GRM21BB31H105MA12# 0.15μF ±10% GRM21BR31E104KA01# 0.15μF ±10% GRM21BR31E154KA01# 0.15μF ±10% GRM21BR31E154KA01# ±20% GRM21BR31E154KA01# 0.68μF ±10% GRM21BR31E154KA01# ±20% GRM21BR31E354KA38# X6S 4.7μF ±10% GRM21BC31E475KA32# ±20% GRM21BC31E475MA32# ±20% GRM21BC31E425KA32# ±20% GRM21BC31E425 | | | | υ. τμι | | | |
| # ±20% GRM21BB31H154MA88# # ±20% GRM21BB31H224KA88# # ±20% GRM21BB31H224MA88# # ±20% GRM21BB31H474KA87# # ±20% GRM21BB31H474MA87# # ±20% GRM21BB31H684KAC4# # ±20% GRM21BB31H684MAC4# # ±20% GRM21BB31H105KA12# # ±20% GRM21BB31H105MA12# # ±20% GRM21BB31H105MA12# # ±20% GRM21BB31H105MA12# # ±20% GRM21BR31E104KA01# # 0.15μF ±10% GRM21BR71E154KA01# # 0.15μF ±10% GRM21BR11E154KA01# # ±20% GRM21BR11E154MA01# # ±20% GRM21BR11E154MA01# # ±20% GRM21BR11E154MA01# # ±20% GRM21BR11E154MA01# # ±20% GRM21BR11E684KA88# # ±20% GRM21BC81E475KA12# # ±20% GRM21BC81E475MA12# # ±20% GRM21BC81E4255KA12# # ±20% GRM21BC | | | | 0.455 | | | |
| 0.22μF | | | | 0.15μΕ | | | |
| ±20% GRM21BB31H224MA88# 0.47μF | | | | | | | |
| 0.47μF | | | | 0.22µF | ±10% | | |
| 1.0μF ±10% GRM21BB31H474MA87# 1.0μF ±10% GRM21BB31H684KAC4# ±20% GRM21BB31H105KA12# ±20% GRM21BB31H105KA12# ±20% GRM21BB31H105MA12# ±20% GRM21BB31H105MA12# 0.15μF ±10% GRM21BR71E104KA01# R 0.1μF ±10% GRM21BR71E154KA01# 0.15μF ±10% GRM21BR11E154KA01# ±20% GRM21BR11E154MA01# 0.68μF ±10% GRM21BR11E154MA01# 0.68μF ±10% GRM21BR11E684KA88# X6S 4.7μF ±10% GRM21BC81E475KA12# ±20% GRM21BC81E475MA12# ±20% GRM21BC81E475MA12# | | | | | ±20% | GRM21BB31H224MA88# | |
| 0.68μF ±10% GRM21BB31H684KAC4# ±20% GRM21BB31H684MAC4# ±20% GRM21BB31H105KA12# ±20% GRM21BB31H105KA12# ±20% GRM21BB31H105MA12# ±20% GRM21BR71E104KA01# 0.15μF ±10% GRM21BR71E154KA01# 0.15μF ±10% GRM21BR11E154KA01# ±20% GRM21BR11E154MA01# ±20% GRM21BR11E154MA01# 0.68μF ±10% GRM21BR11E684KA88# X6S 4.7μF ±10% GRM21BC81E475KA12# ±20% GRM21BC81E475MA12# ±20% GRM21BC81E475MA12# ±20% GRM21BR61E225KA12# | | | | 0.47µF | ±10% | GRM21BB31H474KA87# | |
| ±20% GRM21BB31H684MAC4# 1.0μF ±10% GRM21BB31H105KA12# ±20% GRM21BB31H105KA12# ±20% GRM21BB31H105MA12# 25Vdc X7R 0.1μF ±10% GRM21BR71E104KA01# 0.15μF ±10% GRM21BR71E154KA01# 0.15μF ±10% GRM21BR11E154KA01# ±20% GRM21BR11E154MA01# 0.68μF ±10% GRM21BR11E154MA01# 0.68μF ±10% GRM21BR11E684KA88# X6S 4.7μF ±10% GRM21BC81E475KA12# ±20% GRM21BC81E475MA12# ±20% GRM21BC81E475MA12# | | | | | ±20% | GRM21BB31H474MA87# | |
| 1.0μF ±10% GRM21BB31H105KA12# ±20% GRM21BB31H105KA12# 25Vdc X7R 0.1μF ±10% GRM21BR71E104KA01# 0.15μF ±10% GRM21BR71E154KA01# 6.15μF ±10% GRM21BR11E154KA01# ±20% GRM21BR11E154KA01# ±20% GRM21BR11E154KA01# ±20% GRM21BR11E154KA01# ±20% GRM21BR11E684KA88# X6S 4.7μF ±10% GRM21BC81E475KA12# ±20% GRM21BC81E475MA12# X5R 2.2μF ±10% GRM21BR61E225KA12# | | | | 0.68µF | ±10% | GRM21BB31H684KAC4# | |
| ±20% GRM21BB31H105MA12# 25Vdc X7R 0.1μF ±10% GRM21BR71E104KA01# 0.15μF ±10% GRM21BR71E154KA01# R 0.1μF ±10% GRM21BR11E104KA01# 0.15μF ±10% GRM21BR11E154KA01# ±20% GRM21BR11E154MA01# 0.68μF ±10% GRM21BR11E684KA88# X6S 4.7μF ±10% GRM21BC81E475KA12# ±20% GRM21BC81E475MA12# X5R 2.2μF ±10% GRM21BR61E225KA12# | | | | | ±20% | GRM21BB31H684MAC4# | |
| 25Vdc X7R 0.1μF ±10% GRM21BR71E104KA01# 0.15μF ±10% GRM21BR71E154KA01# R 0.1μF ±10% GRM21BR11E104KA01# 0.15μF ±10% GRM21BR11E154KA01# ±20% GRM21BR11E154MA01# 0.68μF ±10% GRM21BR11E684KA88# X6S 4.7μF ±10% GRM21BC81E475KA12# ±20% GRM21BC81E475MA12# X5R 2.2μF ±10% GRM21BR61E225KA12# | | | | 1.0µF | ±10% | GRM21BB31H105KA12# | |
| 0.15μF ±10% GRM21BR71E154KA01# R 0.1μF ±10% GRM21BR11E104KA01# 0.15μF ±10% GRM21BR11E154KA01# ±20% GRM21BR11E154MA01# 0.68μF ±10% GRM21BR11E684KA88# X6S 4.7μF ±10% GRM21BC81E475KA12# ±20% GRM21BC81E475MA12# X5R 2.2μF ±10% GRM21BR61E225KA12# | | | | | ±20% | GRM21BB31H105MA12# | |
| R 0.1μF ±10% GRM21BR11E104KA01# 0.15μF ±10% GRM21BR11E154KA01# ±20% GRM21BR11E154MA01# 0.68μF ±10% GRM21BR11E684KA88# X6S 4.7μF ±10% GRM21BC81E475KA12# ±20% GRM21BC81E475MA12# X5R 2.2μF ±10% GRM21BR61E225KA12# | | 25Vdc | X7R | 0.1µF | ±10% | GRM21BR71E104KA01# | |
| 0.15μF | | | | 0.15µF | ±10% | GRM21BR71E154KA01# | |
| 0.15μF | | | R | - | | GRM21BR11E104KA01# | |
| ±20% GRM21BR11E154MA01# 0.68μF ±10% GRM21BR11E684KA88# X6S 4.7μF ±10% GRM21BC81E475KA12# ±20% GRM21BC81E475MA12# X5R 2.2μF ±10% GRM21BR61E225KA12# | | | | | | | |
| 0.68μF ±10% GRM21BR11E684KA88# X6S 4.7μF ±10% GRM21BC81E475KA12# ±20% GRM21BC81E475MA12# X5R 2.2μF ±10% GRM21BR61E225KA12# | | | | σμι | | | |
| X6S 4.7μF ±10% GRM21BC81E475KA12# ±20% GRM21BC81E475MA12# X5R 2.2μF ±10% GRM21BR61E225KA12# | | | | 0.68,15 | | | |
| ±20% GRM21BC81E475MA12# X5R 2.2μF ±10% GRM21BR61E225KA12# | | | Vec | · · | | | |
| X5R 2.2μF ±10% GRM21BR61E225KA12# | | | 702 | 4./µF | | | |
| | | | \ <u></u> | 0 | | | |
| ±20% GRM21BR61E225MA12 # | | | X5R | 2.2µF | | | |
| | | | | | ±20% | | |
| 4.7μF ±10% GRM21BR61E475KA12# | | | | 4.7µF | ±10% | GRM21BR61E475KA12# | |

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number | |
|-----------------|------------------|------------|----------|------|---------------------------------|-----------|
| 1.35mm | 25Vdc | X5R | 4.7µF | ±20% | GRM21BR61E475MA12# | |
| | | В | 0.15µF | ±10% | GRM21BB11E154KA01# | |
| | | | 0.22µF | ±10% | GRM21BB11E224KA01# | |
| | | | 0.33µF | ±10% | GRM21BB11E334KA01# | |
| | | | 2.2µF | ±10% | GRM21BB31E225KA75# | |
| | | | | ±20% | GRM21BB31E225MA75# | |
| | | | 4.7µF | ±10% | GRM21BB31E475KA75# | |
| | | | | ±20% | GRM21BB31E475MA75# | |
| | 16Vdc | X7R | 2.2µF | ±10% | GRM21BR71C225KA12# | |
| | | | | ±20% | GRM21BR71C225MA12# | |
| | | X6S | 4.7µF | ±10% | GRM21BC81C475KA88# | |
| | | X5R | 2.2µF | ±10% | GRM21BR61C225KA88# | |
| | | | 4.7µF | ±10% | GRM21BR61C475KA88# | |
| | | | 10µF | ±10% | GRM21BR61C106KE15# | |
| | | | | ±20% | GRM21BR61C106ME15# | |
| | | В | 2.2µF | ±10% | GRM21BB31C225KA87# | |
| | | _ | 4.7µF | ±10% | GRM21BB31C475KA87# | |
| | | | 10µF | ±10% | GRM21BB31C106KE15# | |
| | | | ΙΟμί | ±20% | GRM21BB31C106ME15# | |
| | 10Vdc | X6S | 10μF | ±10% | GRM21BC81A106KE18# | |
| | 10 400 | 700 | ιομι | ±20% | GRM21BC81A106ME18# | |
| | 6.3Vdc | X6S | 10µF | ±10% | GRM21BC80J106KE19# | |
| | 0.5 Vuc | 703 | ιομι | | | |
| 1 1 1 1 1 1 1 1 | 100)/40 | VZD | 0.475 | ±20% | GRM21BC80J106ME19# | |
| 1.4mm | 100Vdc | | 0.47µF | ±10% | GRM21BR72A474KA73# | |
| | 50Vdc | X5R | 2.2µF | ±10% | GRM21BR61H225KA73# | |
| | | | | ±20% | GRM21BR61H225MA73# | |
| | | | 4.7µF | ±10% | GRM21BR61H475KE51# | |
| | | | | ±20% | GRM21BR61H475ME51# | |
| | | В | 2.2µF | ±10% | GRM21BB31H225KA73# | |
| | | | | ±20% | GRM21BB31H225MA73# | |
| | | | 4.7µF | ±10% | GRM21BB31H475KE51# | |
| | | | | ±20% | GRM21BB31H475ME51# | |
| | 25Vdc | X7R | 1.0µF | ±10% | GRM21BR71E105KA99# | |
| | | | 2.2µF | ±10% | GRM21BR71E225KA73# | |
| | | R | 1.0µF | ±10% | GRM21BR11E105KA99# | |
| | | X5R | 10μF | ±10% | GRM21BR61E106KA73# | |
| | | | | ±20% | GRM21BR61E106MA73# | |
| | | В | 1.0µF | ±10% | GRM21BB31E105KA98# | |
| | | | 10μF | ±10% | GRM21BB31E106KA73# | |
| | | | | ±20% | GRM21BB31E106MA73# | |
| | 16Vdc | X7R | 4.7µF | ±10% | GRM21BR71C475KA73# | |
| | | | | ±20% | GRM21BR71C475MA73# | |
| | | X6S | 10µF | ±10% | GRM21BC81C106KA73# | |
| | | | | ±20% | GRM21BC81C106MA73# | |
| | 10Vdc | X7R | 4.7µF | ±10% | GRM21BR71A475KA73# | |
| | | | | ±20% | GRM21BR71A475MA73# | |
| | | | 10µF | ±10% | GRM21BR71A106KE51# | |
| | | | | ±20% | GRM21BR71A106ME51# | |
| | | В | 22µF | ±20% | GRM21BB31A226ME51# | Derating |
| | 6.3Vdc | X7R | 10µF | ±10% | GRM21BR70J106KE76# | 1 |
| | | | <u>'</u> | ±20% | GRM21BR70J106ME76# | |
| | | X6S | 22µF | ±20% | GRM21BC80J226ME51# | Derating |
| | | X5R | 22µF | ±20% | GRM21BR60J226ME39# | - Carrier |
| | | В | 22μF | ±20% | GRM21BB30J226ME38# | 1 |
| | | | | l . | cates the package specification | 1 |



(→ **■** 2.0×1.25mm)

| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number | |
|-----------|------------------|------------|------|------|--------------------|----------|
| 1.4mm | 4Vdc | X7U | 22µF | ±20% | GRM21BE70G226ME51# | |
| | | X6S | 22µF | ±20% | GRM21BC80G226ME39# | |
| 1.45mm | 25Vdc | X5R | 22µF | ±20% | GRM21BR61E226ME44# | |
| | 6.3Vdc | X5R | 47µF | ±20% | GRM21BR60J476ME15# | Derating |
| | | В | 47µF | ±20% | GRM21BB30J476ME15# | Derating |
| | 4Vdc | X6S | 47µF | ±20% | GRM21BC80G476ME15# | Derating |
| | | X5R | 47µF | ±20% | GRM21BR60G476ME15# | |
| | | В | 47µF | ±20% | GRM21BB30G476ME15# | |

■ 3.2×1.6mm

| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number | |
|-----------|------------------|------------|---------|------|--------------------|---------|
| 0.7mm | 25Vdc | X5R | 2.2µF | ±10% | GRM316R61E225KA12# | |
| | | В | 2.2µF | ±10% | GRM316B31E225KA75# | |
| | 16Vdc | X6S | 2.2µF | ±10% | GRM316C81C225KA12# | |
| 0.95mm | 100Vdc | X7R | 15000pF | ±10% | GRM319R72A153KA01# | |
| | | | 0.1µF | ±10% | GRM319R72A104KA01# | |
| | 50Vdc | X7R | 0.33µF | ±10% | GRM319R71H334KA01# | |
| | 35Vdc | X5R | 10µF | ±10% | GRM319R6YA106KA12# | Deratin |
| | | | | ±20% | GRM319R6YA106MA12# | Deratin |
| | 25Vdc | X7R | 0.33µF | ±10% | GRM319R71E334KA01# | |
| | | R | 0.33µF | ±10% | GRM319R11E334KA01# | |
| | | В | 0.33µF | ±10% | GRM319B11E334KA01# | |
| | | | 0.68µF | ±10% | GRM319B11E684KA01# | |
| | 16Vdc | X6S | 4.7µF | ±10% | GRM319C81C475KA12# | |
| | | X5R | 10µF | ±10% | GRM319R61C106KE15# | |
| | | | | ±20% | GRM319R61C106ME15# | |
| | | В | 0.47µF | ±10% | GRM319B11C474KA01# | |
| | | | 10µF | ±10% | GRM319B31C106KE15# | |
| | | | | ±20% | GRM319B31C106ME15# | |
| | 10Vdc | X5R | 22µF | ±20% | GRM319R61A226ME15# | |
| | | В | 22µF | ±20% | GRM319B31A226ME15# | |
| | 6.3Vdc | X6S | 22µF | ±20% | GRM319C80J226ME15# | |
| | | X5R | 22µF | ±20% | GRM319R60J226ME15# | |
| | | В | 22µF | ±20% | GRM319B30J226ME15# | |
| 1.25mm | 100Vdc | X7R | 22000pF | ±10% | GRM31MR72A223KA01# | |
| | | | 33000pF | ±10% | GRM31MR72A333KA01# | |
| | | | 47000pF | ±10% | GRM31MR72A473KA01# | |
| | | | 68000pF | ±10% | GRM31MR72A683KA01# | |
| | | | 0.15µF | ±10% | GRM31MR72A154KA01# | |
| | | | 0.22µF | ±10% | GRM31MR72A224KA01# | |
| | 50Vdc | X7R | 0.15µF | ±10% | GRM31MR71H154KA01# | |
| | | | 0.22µF | ±10% | GRM31MR71H224KA01# | |
| | | | 0.47µF | ±10% | GRM31MR71H474KA01# | |
| | | | 0.68µF | ±10% | GRM31MR71H684KA88# | |
| | | | 1.0µF | ±10% | GRM31MR71H105KA88# | |
| | | R | 0.15µF | ±10% | GRM31MR11H154KA01# | |
| | | | 0.22µF | ±10% | GRM31MR11H224KA01# | |
| | | В | 0.15µF | ±10% | GRM31MB11H154KA01# | |
| | | _ | 0.22µF | ±10% | GRM31MB11H224KA01# | |
| | | | 1.0µF | ±10% | GRM31MB31H105KA87# | |
| | 25Vdc | X5R | 10μF | ±20% | GRM31MR61E106MA12# | |
| | | В | 0.22µF | ±10% | GRM31MB11E224KA01# | |

| | | | | | I | |
|-----------|------------------|------------|--------|--------------|--|--|
| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number | |
| 1.25mm | 16Vdc | X6S | 10μF | ±10% | GRM31MC81C106KA12# | |
| | | В | 0.68µF | ±10% | GRM31MB11C684KA01# | ļ |
| 1.3mm | 100Vdc | X7R | 0.47µF | ±10% | GRM31MR72A474KA35# | - |
| | | | | ±20% | GRM31MR72A474MA35# | |
| | | | 0.68µF | ±10% | GRM31MR72A684KA35# | |
| | 25Vdc | В | 2.2µF | ±10% | GRM31MB31E225KA92# | - |
| 1.8mm | 100Vdc | | 1.0µF | ±10% | GRM31CR72A105KA01# | - |
| | 50Vdc | X7R | 2.2µF | ±10% | GRM31CR71H225KA88# | - |
| | | VED | 4.7µF | ±10% | GRM31CR71H475KA12# | - |
| | | X5R | 2.2µF | ±10% | GRM31CR61H225KA88# | - |
| | | В | 2.2µF | ±10% | GRM31CB31H225KA87# GRM31CB31H225MA87# | - |
| | | | 4.7µF | ±20% ±10% | GRM31CB31H475KA12# | - |
| | | | 4.7μι | ±20% | GRM31CB31H475MA12# | |
| | 25Vdc | X7R | 4.7µF | ±10% | GRM31CR71E475KA88# | |
| | 20100 | //// | 10µF | ±10% | GRM31CR71E106KA12# | |
| | | | - Ψ' | ±20% | GRM31CR71E106MA12# | |
| | | X6S | 10μF | ±10% | GRM31CC81E106KE15# | |
| | | | | ±20% | GRM31CC81E106MA12# | |
| | | X5R | 10µF | ±10% | GRM31CR61E106KA12# | |
| | | | 22µF | ±20% | GRM31CR61E226ME15# | |
| | | В | 10µF | ±10% | GRM31CB31E106KA75# | |
| | | | 22µF | ±20% | GRM31CB31E226ME15# | |
| | 16Vdc | X7R | 4.7µF | ±20% | GRM31CR71C475MA01# | |
| | | | 10µF | ±10% | GRM31CR71C106KAC7# | |
| | | | | ±20% | GRM31CR71C106MAC7# | |
| | | R | 4.7µF | ±20% | GRM31CR11C475MA01# | |
| | | X6S | 22µF | ±20% | GRM31CC81C226ME15# | |
| | | X5R | 10µF | ±10% | GRM31CR61C106KA88# | |
| | | | 22µF | ±20% | GRM31CR61C226ME15# | |
| | | В | 10µF | ±10% | GRM31CB31C106KA88# | |
| | | | 22µF | ±20% | GRM31CB31C226ME15# | |
| | 10Vdc | X7R | 22µF | ±20% | GRM31CR71A226ME15# | |
| | | X6S | 22µF | ±20% | GRM31CC81A226ME19# | |
| | | X5R | 22µF | ±20% | GRM31CR61A226ME19# | <u> </u> |
| | | | 47µF | ±20% | GRM31CR61A476ME15# | ļ |
| | | В | 22µF | ±20% | GRM31CB31A226ME19# | <u> </u> |
| | | | 47μF | ±20% | GRM31CB31A476ME15# | <u> </u> |
| | 6.3Vdc | X7R | 22µF | ±20% | GRM31CR70J226ME19# | |
| | | X7U | 47µF | ±20% | GRM31CE70J476ME15# | Derating |
| | | X6S | 22µF | ±20% | GRM31CC80J226ME19# | - |
| | | VED | 47µF | ±20% | GRM31CC80J476ME18# | _ |
| | | X5R | 47µF | ±20% | GRM31CR60J476ME19# | _ |
| | 11/1-1- | B | 47µF | ±20% | GRM31CB30J476ME18# | - |
| | 4Vdc | X7U | 47µF | ±20% | GRM31CE70G476ME15# | - |
| 1 0mm | 100\/da | X6S Y7B | 47μF | ±20% | GRM31CC80G476ME19# GRM31CR72A225KA73# | _ |
| 1.9mm | 100Vdc | X7R | 2.2µF | ±10% ±20% | GRM31CR72A225KA73# GRM31CR72A225MA73# | |
| | 6.3Vdc | X6T | 100µF | ±20% | GRM31CR72A225MA73# GRM31CD80J107ME39# | Derating |
| | 0.5 vuc | X5R | 100μF | ±20% | GRM31CR60J107ME39# | - Belauliki |
| | 4Vdc | X7U | 100μF | ±20% | GRM31CE70G107ME39# | Derating |
| | | X6T | 100μF | ±20% | GRM31CD80G107ME39# | - maile |
| | | X5R | 100μF | ±20% | GRM31CR60G107ME39# | + |
| | I | 1 | . σομι | | | |

■ 3.2×2.5mm

| | Part Number | Tol. | Сар. | TC Code | Rated Voltage | T max. |
|----------|--------------------|------|--------|------------|------------------|-----------|
| Derating | GRM32RC60J157ME15# | ±20% | 150µF | X5S | 6.3Vdc | 1mm |
| Derating | GRM32RD80G157ME15# | ±20% | 150µF | X6T | 4Vdc | |
| | GRM32RC60G157ME15# | ±20% | 150µF | X5S | | |
| | GRM32RD80E157ME15# | ±20% | 150µF | X6T | 2.5Vdc | |
| | GRM32NR71H684KA01# | ±10% | 0.68µF | X7R | 50Vdc | 1.5mm |
| | GRM32NB11H684KA01# | ±10% | 0.68µF | В | | |
| | GRM32NC81A226ME19# | ±20% | 22µF | X6S | 10Vdc | |
| 1 | GRM32CR72A684KA01# | ±10% | 0.68µF | X7R | 100Vdc | 1.8mm |
| | GRM32CR72A105KA35# | ±10% | 1.0µF | | | |
| | GRM32DR71E106KA12# | ±10% | 10μF | X7R | 25Vdc | 2.2mm |
| | GRM32DC81E106KA12# | ±10% | 10μF | X6S | | |
| | GRM32ER72A225KA35# | ±10% | 2.2µF | X7R | 100Vdc | 2.7mm |
| | GRM32ER72A225MA35# | ±20% | | | | |
| | GRM32ER71H475KA88# | ±10% | 4.7µF | X7R | 50Vdc | |
| | GRM32ER71H106KA12# | ±10% | 10µF | | | |
| | GRM32ER61H106KA12# | ±10% | 10µF | X5R | | |
| | GRM32ER61H106MA12# | ±20% | | | | |
| | GRM32EB31H475KA87# | ±10% | 4.7µF | В | | |
| | GRM32EB31H106KA12# | ±10% | 10µF | | | |
| | GRM32EB31H106MA12# | ±20% | | | | |
| | GRM32ER7YA106KA12# | ±10% | 10µF | X7R | 35Vdc | |
| | GRM32ER6YA106KA12# | ±10% | 10µF | X5R | | |
| | GRM32EB3YA106KA12# | ±10% | 10µF | В | | |
| | GRM32ER71E226ME15# | ±20% | 22µF | X7R | 25Vdc | |
| | GRM32EC81E226ME15# | ±20% | 22µF | X6S | | |
| | GRM32ER61E226ME15# | ±20% | 22µF | X5R | | |
| | GRM32EB31E226ME15# | ±20% | 22µF | В | | |
| | GRM32ER71C226MEA8# | ±20% | 22µF | X7R | 16Vdc | |
| Derating | GRM32EC81C476ME15# | ±20% | 47µF | X6S | | |
| | GRM32ER61C476ME15# | ±20% | 47µF | X5R | | |
| | GRM32EB31C226ME16# | ±20% | 22µF | В | | |
| | GRM32EB31C476ME15# | ±20% | 47µF | | | |
| | GRM32ER71A476ME15# | ±20% | 47µF | X7R | 10Vdc | |
| | GRM32EC81A476ME19# | ±20% | 47µF | X6S | | |
| | GRM32ER61A476ME20# | ±20% | 47µF | X5R | | |
| | GRM32EB31A476ME20# | ±20% | 47µF | В | | |
| | GRM32ER70J476ME20# | ±20% | 47µF | X7R | 6.3Vdc | |
| Derating | GRM32EE70J107ME15# | ±20% | 100µF | X7U | | |
| | GRM32EC80J476ME64# | ±20% | 47µF | X6S | | |
| | GRM32EC80J107ME20# | ±20% | 100µF | | | |
| | GRM32ER60J107ME20# | ±20% | 100µF | X5R | | |
| | GRM32EB30J107ME16# | ±20% | 100µF | В | | |
| | GRM32EE70G107ME19# | ±20% | 100µF | X7U | 4Vdc | |
| | GRM32EC80G107ME20# | ±20% | 100µF | X6S | | |

Chip Monolithic Ceramic Capacitors

Capacitor Array GNM Series

Ideal for reducing the mounting area and mounting costs.



- 1 The number of parts can be reduced.
- 2 Also contributes to the low profile of the set.
- 3 Ideal for decoupling and smoothing.
- 4 Reduction of environmental impact substances is possible.

 (Accommodates 2 or 4 times the number of individual chips per reel.)

max.

Rated TC Voltage Code

Cap.

Tol.

Part Number

■ 2 Elements 0.9×0.6mm

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number |
|-----------|------------------|------------|---------|------|--------------------|
| 0.5mm | 16Vdc | 16Vdc X5R | 10000pF | ±20% | GNM0M2R61C103ME18# |
| | | | 22000pF | ±20% | GNM0M2R61C223ME18# |
| | | | 47000pF | ±20% | GNM0M2R61C473ME18# |
| | | | 0.1µF | ±20% | GNM0M2R61C104ME18# |
| | | В | 10000pF | ±20% | GNM0M2B31C103ME18# |
| | | | 22000pF | ±20% | GNM0M2B31C223ME18# |
| | | | 47000pF | ±20% | GNM0M2B31C473ME18# |
| | | | 0.1µF | ±20% | GNM0M2B31C104ME18# |
| | 10Vdc | X5R | 10000pF | ±20% | GNM0M2R61A103ME17# |
| | | | 22000pF | ±20% | GNM0M2R61A223ME17# |
| | | | 47000pF | ±20% | GNM0M2R61A473ME17# |
| | | | 0.1µF | ±20% | GNM0M2R61A104ME17# |
| | | В | 10000pF | ±20% | GNM0M2B31A103ME17# |
| | | | 22000pF | ±20% | GNM0M2B31A223ME17# |
| | | | 47000pF | ±20% | GNM0M2B31A473ME17# |
| | | | 0.1µF | ±20% | GNM0M2B31A104ME17# |
| | 4Vdc | X5R | 1.0µF | ±20% | GNM0M2R60G105ME17# |
| | | В | 1.0µF | ±20% | GNM0M2B30G105ME17# |

| 0.7mm | 16Vdc | X5R | 47000pF | ±20% | GNM1M2R61C473MA01# | |
|-------|--------|-----|---------|------|--------------------|--|
| | | В | 22000pF | ±20% | GNM1M2B11C223MA01# | |
| | | | 47000pF | ±20% | GNM1M2B11C473MA01# | |
| | | | 0.1µF | ±20% | GNM1M2B11C104MA01# | |
| | 10Vdc | X7R | 22000pF | ±20% | GNM1M2R71A223MA01# | |
| | | | 47000pF | ±20% | GNM1M2R71A473MA01# | |
| | | R | 22000pF | ±20% | GNM1M2R11A223MA01# | |
| | | | 47000pF | ±20% | GNM1M2R11A473MA01# | |
| | | X5R | 22000pF | ±20% | GNM1M2R61A223MA01# | |
| | | | 47000pF | ±20% | GNM1M2R61A473MA01# | |
| | | | 0.1µF | ±20% | GNM1M2R61A104MA01# | |
| | | В | 22000pF | ±20% | GNM1M2B11A223MA01# | |
| | | | 47000pF | ±20% | GNM1M2B11A473MA01# | |
| | | | 0.1µF | ±20% | GNM1M2B11A104MA01# | |
| 0.8mm | 16Vdc | X5R | 0.22µF | ±20% | GNM1M2R61C224ME18# | |
| | | | 1.0µF | ±20% | GNM1M2R61C105ME18# | |
| | | В | 1.0µF | ±20% | GNM1M2B31C105ME18# | |
| | 10Vdc | X5R | 1.0µF | ±20% | GNM1M2R61A105ME17# | |
| | | | 2.2µF | ±20% | GNM1M2R61A225ME18# | |
| | | В | 0.22µF | ±20% | GNM1M2B31A224ME17# | |
| | | | 0.47µF | ±20% | GNM1M2B31A474ME17# | |
| | | | 1.0µF | ±20% | GNM1M2B31A105ME17# | |
| | | | 2.2µF | ±20% | GNM1M2B31A225ME18# | |
| | 6.3Vdc | X5R | 2.2µF | ±20% | GNM1M2R60J225ME18# | |
| | | В | 2.2µF | ±20% | GNM1M2B30J225ME18# | |

■ 2 Elements 1.37×1.0mm

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number |
|-----------|------------------|------------|---------|------|--------------------|
| 0.55mm | 16Vdc | X7R | 0.1µF | ±20% | GNM1M2R71C104MAA1# |
| | | R | 0.1µF | ±20% | GNM1M2R11C104MAA1# |
| | | X5R | 1.0µF | ±20% | GNM1M2R61C105MEA2# |
| | | В | 0.1µF | ±20% | GNM1M2B11C104MAA1# |
| | 10Vdc | X5R | 1.0µF | ±20% | GNM1M2R61A105MEA4# |
| | | В | 1.0µF | ±20% | GNM1M2B31A105MEA4# |
| 0.7mm | 50Vdc | X7R | 1000pF | ±20% | GNM1M2R71H102MA01# |
| | | R | 1000pF | ±20% | GNM1M2R11H102MA01# |
| | | X5R | 1000pF | ±20% | GNM1M2R61H102MA01# |
| | | В | 1000pF | ±20% | GNM1M2B11H102MA01# |
| | 25Vdc | X7R | 2200pF | ±20% | GNM1M2R71E222MA01# |
| | | | 4700pF | ±20% | GNM1M2R71E472MA01# |
| | | | 10000pF | ±20% | GNM1M2R71E103MA01# |
| | | R | 2200pF | ±20% | GNM1M2R11E222MA01# |
| | | | 4700pF | ±20% | GNM1M2R11E472MA01# |
| | | | 10000pF | ±20% | GNM1M2R11E103MA01# |
| | | X5R | 2200pF | ±20% | GNM1M2R61E222MA01# |
| | | | 4700pF | ±20% | GNM1M2R61E472MA01# |
| | | | 10000pF | ±20% | GNM1M2R61E103MA01# |
| | | В | 2200pF | ±20% | GNM1M2B11E222MA01# |
| | | | 4700pF | ±20% | GNM1M2B11E472MA01# |
| | | | 10000pF | ±20% | GNM1M2B11E103MA01# |
| | 16Vdc | X7R | 22000pF | ±20% | GNM1M2R71C223MA01# |
| | | | 47000pF | ±20% | GNM1M2R71C473MA01# |
| | | | 0.1µF | ±20% | GNM1M2R71C104MA01# |
| | | R | 22000pF | ±20% | GNM1M2R11C223MA01# |
| | | | 47000pF | ±20% | GNM1M2R11C473MA01# |
| | | | 0.1µF | ±20% | GNM1M2R11C104MA01# |
| | | X5R | 22000pF | ±20% | GNM1M2R61C223MA01# |

■ 4 Elements 2.0×1.25mm

| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number | |
|-----------|------------------|------------|---------|------|--------------------|--|
| 0.55mm | 16Vdc | X7R | 0.1µF | ±20% | GNM214R71C104MAA1# | |
| | | R | 0.1µF | ±20% | GNM214R11C104MAA1# | |
| | | В | 0.1µF | ±20% | GNM214B11C104MAA1# | |
| | 10Vdc | X5R | 0.22µF | ±20% | GNM214R61A224MEA2# | |
| | | | 1.0µF | ±20% | GNM214R61A105MEA2# | |
| | | В | 0.22µF | ±20% | GNM214B31A224MEA2# | |
| | | | 1.0µF | ±20% | GNM214B31A105MEA2# | |
| | 6.3Vdc | X5R | 0.22µF | ±20% | GNM214R60J224MEA2# | |
| | | | 1.0µF | ±20% | GNM214R60J105MEA2# | |
| | | В | 0.22µF | ±20% | GNM214B30J224MEA2# | |
| | | | 1.0µF | ±20% | GNM214B30J105MEA2# | |
| 0.7mm | 50Vdc | X7R | 470pF | ±20% | GNM214R71H471MA01# | |
| | | | 1000pF | ±20% | GNM214R71H102MA01# | |
| | | R | 1000pF | ±20% | GNM214R11H102MA01# | |
| | | В | 470pF | ±20% | GNM214B11H471MA01# | |
| | | | 1000pF | ±20% | GNM214B11H102MA01# | |
| | 25Vdc | X7R | 2200pF | ±20% | GNM214R71E222MA01# | |
| | | | 4700pF | ±20% | GNM214R71E472MA01# | |
| | | | 10000pF | ±20% | GNM214R71E103MA01# | |
| | | R | 2200pF | ±20% | GNM214R11E222MA01# | |
| | | | 4700pF | ±20% | GNM214R11E472MA01# | |
| | | | 10000pF | ±20% | GNM214R11E103MA01# | |
| | | В | 2200pF | ±20% | GNM214B11E222MA01# | |
| | | | 4700pF | ±20% | GNM214B11E472MA01# | |



(→ **■** 4 Elements 2.0×1.25mm)

| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number |
|-----------|------------------|------------|---------|------|--------------------|
| 0.7mm | 25Vdc | В | 10000pF | ±20% | GNM214B11E103MA01# |
| 0.95mm | 16Vdc | X7R | 22000pF | ±20% | GNM214R71C223MA01# |
| | | | 47000pF | ±20% | GNM214R71C473MA01# |
| | | | 0.1µF | ±20% | GNM214R71C104MA01# |
| | | R | 22000pF | ±20% | GNM214R11C223MA01# |
| | | | 47000pF | ±20% | GNM214R11C473MA01# |
| | | | 0.1µF | ±20% | GNM214R11C104MA01# |
| | | В | 22000pF | ±20% | GNM214B11C223MA01# |
| | | | 47000pF | ±20% | GNM214B11C473MA01# |
| | | | 0.1µF | ±20% | GNM214B11C104MA01# |
| | 10Vdc | X5R | 1.0µF | ±20% | GNM214R61A105ME17# |
| | | В | 1.0µF | ±20% | GNM214B31A105ME17# |
| | 6.3Vdc | X5R | 1.0µF | ±20% | GNM214R60J105ME17# |
| | | В | 1.0µF | ±20% | GNM214B30J105ME17# |

Chip Monolithic Ceramic Capacitors

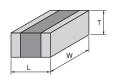
Low ESL LLL/LLR/LLA/LLM Series



LLL Series

Ideal decoupling solution for equipment having advanced features.



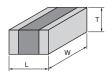


- 1 Ideal for IC decoupling of high-speed operating equipment, due to the low inductance value (ESL value).
- 2 LW reversed geometry type/multi-terminal type and a large lineup of capacitors are available according to performance requirements.

LLR Series

Low ESL capacitor that suppresses the anti-resonance in circuits.



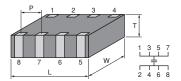


- 1 Reduces the anti-resonance generated in the high-frequency range.
- 2 An optimal ESR value can be selected from four types, according to the characteristics of the circuit.
- 3 The low ESL type, is also ideal as a decoupling component.

LLA Series

Ideal decoupling solution for equipment having advanced features.



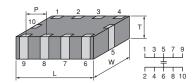


- 1 Ideal for IC decoupling of high-speed operating equipment, due to the low inductance value (ESL value).
- 2 LW reversed geometry type/multi-terminal type and a large lineup of capacitors are available according to performance requirements.

LLM Series

Ideal decoupling solution for equipment having advanced features.





- 1 Ideal for IC decoupling of high-speed operating equipment, due to the low inductance value (ESL value).
- 2 LW reversed geometry type/multi-terminal type and a large lineup of capacitors are available according to performance requirements.

■ 0.5×1.0mm

| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number |
|-----------|------------------|------------|--------|------|--------------------|
| 0.35mm | 6.3Vdc | X6S | 0.1µF | ±20% | LLL153C80J104ME01# |
| | | | 0.22µF | ±20% | LLL153C80J224ME14# |
| | 4Vdc | X7S | 0.47µF | ±20% | LLL153C70G474ME17# |

■ 0.8×1.6mm

| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number |
|-----------|------------------|------------|---------|------|--------------------|
| 0.5mm | 25Vdc | X7R | 10000pF | ±20% | LLL185R71E103MA11# |
| | 16Vdc | X7R | 22000pF | ±20% | LLL185R71C223MA11# |
| | | | 47000pF | ±20% | LLL185R71C473MA11# |
| | 10Vdc | X7R | 0.1µF | ±20% | LLL185R71A104MA11# |
| | 4Vdc | X7S | 0.22µF | ±20% | LLL185C70G224MA11# |
| 0.55mm | 4Vdc | X7S | 1.0µF | ±20% | LLL185C70G105ME01# |
| | | | 2.2µF | ±20% | LLL185C70G225ME01# |
| 0.6mm | 50Vdc | X7R | 2200pF | ±20% | LLL185R71H222MA01# |
| | | | 4700pF | ±20% | LLL185R71H472MA01# |
| | 25Vdc | X7R | 10000pF | ±20% | LLL185R71E103MA01# |
| | | | 22000pF | ±20% | LLL185R71E223MA01# |
| | 16Vdc | X7R | 47000pF | ±20% | LLL185R71C473MA01# |
| | 10Vdc | X7R | 0.1µF | ±20% | LLL185R71A104MA01# |
| | | | 0.22µF | ±20% | LLL185R71A224MA01# |
| | 4Vdc | X7S | 0.47µF | ±20% | LLL185C70G474MA01# |

■ 1.25×2.0mm

| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number |
|-----------|------------------|------------|---------|------|--------------------|
| 0.5mm | 50Vdc | X7R | 10000pF | ±20% | LLL215R71H103MA11# |
| | 25Vdc | X7R | 22000pF | ±20% | LLL215R71E223MA11# |
| | 16Vdc | X7R | 47000pF | ±20% | LLL215R71C473MA11# |
| | | | 0.1µF | ±20% | LLL215R71C104MA11# |
| | 10Vdc | X7R | 0.22µF | ±20% | LLL215R71A224MA11# |
| | 6.3Vdc | X7R | 0.47µF | ±20% | LLL215R70J474MA11# |

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number |
|-----------|------------------|------------|---------|------|--------------------|
| 0.5mm | 4Vdc | X7S | 1.0µF | ±20% | LLL215C70G105MA11# |
| 0.7mm | 50Vdc | X7R | 10000pF | ±20% | LLL216R71H103MA01# |
| | | | 22000pF | ±20% | LLL216R71H223MA01# |
| | 25Vdc | X7R | 47000pF | ±20% | LLL216R71E473MA01# |
| | | | 0.1µF | ±20% | LLL216R71E104MA01# |
| | 10Vdc | X7R | 0.22µF | ±20% | LLL216R71A224MA01# |
| 0.95mm | 16Vdc | X7R | 0.22µF | ±20% | LLL219R71C224MA01# |
| | 10Vdc | X7R | 0.47µF | ±20% | LLL219R71A474MA01# |
| | | | 1.0µF | ±20% | LLL219R71A105MA01# |
| | 4Vdc | X7S | 2.2µF | ±20% | LLL219C70G225MA01# |

■ 1.6×3.2mm

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number |
|-----------|------------------|------------|---------|------|--------------------|
| 0.5mm | 50Vdc | X7R | 10000pF | ±20% | LLL315R71H103MA11# |
| | | | 22000pF | ±20% | LLL315R71H223MA11# |
| | 25Vdc | X7R | 47000pF | ±20% | LLL315R71E473MA11# |
| | | | 0.1µF | ±20% | LLL315R71E104MA11# |
| | 16Vdc | X7R | 0.22µF | ±20% | LLL315R71C224MA11# |
| | 10Vdc | X7R | 0.47µF | ±20% | LLL315R71A474MA11# |
| 0.8mm | 50Vdc | X7R | 10000pF | ±20% | LLL317R71H103MA01# |
| | | | 22000pF | ±20% | LLL317R71H223MA01# |
| | | | 47000pF | ±20% | LLL317R71H473MA01# |
| | 25Vdc | X7R | 0.1µF | ±20% | LLL317R71E104MA01# |
| | 16Vdc | X7R | 0.22µF | ±20% | LLL317R71C224MA01# |
| | | | 0.47µF | ±20% | LLL317R71C474MA01# |
| | 10Vdc | X7R | 1.0µF | ±20% | LLL317R71A105MA01# |
| | 6.3Vdc | X7R | 2.2µF | ±20% | LLL317R70J225MA01# |
| 1.25mm | 50Vdc | X7R | 0.1µF | ±20% | LLL31MR71H104MA01# |
| | 25Vdc | X7R | 0.22µF | ±20% | LLL31MR71E224MA01# |
| | | | 0.47µF | ±20% | LLL31MR71E474MA01# |
| | 16Vdc | X7R | 1.0µF | ±20% | LLL31MR71C105MA01# |
| | 10Vdc | X7R | 2.2µF | ±20% | LLL31MR71A225MA01# |
| | 6.3Vdc | X7R | 4.7µF | ±20% | LLL31MR70J475MA01# |
| | | X5R | 10µF | ±20% | LLL31MR60J106ME01# |

LLR Series High Dielectric Constant Type 🔛 Part Number List

■ 0.8×1.6mm

| T max. | Rated Voltage | TC Code | Cap. | Tol. | ESR | Part Number |
|-----------|------------------|------------|-------|------|---------------|--------------------|
| 0.55mm | 4Vdc | X7S | 1.0µF | ±20% | 100m Ω | LLR185C70G105ME01# |
| | | | | ±20% | 220mΩ | LLR185C70G105ME03# |
| | | | | ±20% | 470mΩ | LLR185C70G105ME05# |
| | | | | ±20% | 1000mΩ | LLR185C70G105ME07# |



■ 1.6×0.8mm

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number | |
|-----------|------------------|------------|--------|------|--------------------|--|
| 0.55mm | 4Vdc | X7S | 0.1µF | ±20% | LLA185C70G104MA01# | |
| | | | 0.22µF | ±20% | LLA185C70G224MA01# | |
| | | | 0.47µF | ±20% | LLA185C70G474MA01# | |
| | | | 1.0µF | ±20% | LLA185C70G105ME01# | |
| | | | 2.2µF | ±20% | LLA185C70G225ME16# | |

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number |
|-----------|------------------|------------|---------|------|--------------------|
| 0.95mm | 25Vdc | X7R | 22000pF | ±20% | LLA219R71E223MA01# |
| | | | 47000pF | ±20% | LLA219R71E473MA01# |
| | 16Vdc | X7R | 0.1µF | ±20% | LLA219R71C104MA01# |
| | | | 0.22µF | ±20% | LLA219R71C224MA01# |
| | 10Vdc | X7R | 0.47µF | ±20% | LLA219R71A474MA01# |
| | 6.3Vdc | X7R | 1.0µF | ±20% | LLA219R70J105MA01# |
| | 4Vdc | X7S | 2.2µF | ±20% | LLA219C70G225MA01# |
| | | | 4.7µF | ±20% | LLA219C70G475ME01# |

■ 2.0×1.25mm

| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number |
|-----------|------------------|------------|---------|------|--------------------|
| 0.55mm | 25Vdc | X7R | 10000pF | ±20% | LLA215R71E103MA14# |
| | | | 22000pF | ±20% | LLA215R71E223MA14# |
| | 16Vdc | X7R | 47000pF | ±20% | LLA215R71C473MA14# |
| | | | 0.1µF | ±20% | LLA215R71C104MA14# |
| | 10Vdc | X7R | 0.22µF | ±20% | LLA215R71A224MA14# |
| | 6.3Vdc | X7R | 0.47µF | ±20% | LLA215R70J474MA14# |
| | 4Vdc | X7S | 1.0µF | ±20% | LLA215C70G105MA14# |
| | | | 2.2µF | ±20% | LLA215C70G225ME11# |
| | | | 4.7µF | ±20% | LLA215C70G475ME19# |
| 0.95mm | 25Vdc | X7R | 10000pF | ±20% | LLA219R71E103MA01# |

■ 3.2×1.6mm

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number | |
|-----------|------------------|------------|--------|------|--------------------|--|
| 0.55mm | 16Vdc | X7R | 0.22µF | ±20% | LLA315R71C224MA14# | |
| | 10Vdc | X7R | 0.47µF | ±20% | LLA315R71A474MA14# | |
| | 6.3Vdc | X7R | 1.0µF | ±20% | LLA315R70J105MA14# | |
| | | | 2.2µF | ±20% | LLA315R70J225MA14# | |
| 0.95mm | 16Vdc | X7R | 0.47µF | ±20% | LLA319R71C474MA01# | |
| | 10Vdc | X7R | 1.0µF | ±20% | LLA319R71A105MA01# | |
| 1.25mm | 16Vdc | X7R | 1.0µF | ±20% | LLA31MR71C105MA01# | |
| | 10Vdc | X7R | 2.2µF | ±20% | LLA31MR71A225MA01# | |

LLM Series High Dielectric Constant Type 🖭 Part Number List

■ 2.0×1.25mm

| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number |
|-----------|------------------|------------|---------|------|--------------------|
| 0.55mm | 25Vdc | X7R | 10000pF | ±20% | LLM215R71E103MA11# |
| | | | 22000pF | ±20% | LLM215R71E223MA11# |
| | 16Vdc | X7R | 47000pF | ±20% | LLM215R71C473MA11# |
| | | | 0.1µF | ±20% | LLM215R71C104MA11# |
| | 6.3Vdc | X7R | 0.22µF | ±20% | LLM215R70J224MA11# |
| | | | 0.47µF | ±20% | LLM215R70J474MA11# |
| | 4Vdc | X7S | 1.0µF | ±20% | LLM215C70G105MA11# |
| | | | 2.2µF | ±20% | LLM215C70G225ME11# |

■ 3.2×1.6mm

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number | |
|-----------|------------------|------------|--------|------|--------------------|---|
| 0.55mm | 16Vdc | X7R | 0.1µF | ±20% | LLM315R71C104MA11# | |
| | | | 0.22µF | ±20% | LLM315R71C224MA11# | _ |
| | 10Vdc | X7R | 0.47µF | ±20% | LLM315R71A474MA11# | _ |
| | 6.3Vdc | X7R | 2.2µF | ±20% | LLM315R70J225MA11# | |

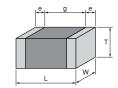
Chip Monolithic Ceramic Capacitors

High-Q Type GJM Series

HiQ

Contributes to improvements in the reduction of power consumption and processing yield by HiQ or low ESR.





- 1 Ideal for high-frequency decoupling applications.
- 2 HiQ and low ESR in VHF, UHF and microwave frequency bands.
- 3 Compatible to tight tolerances.



For General Purpose GRM Series

Capacitor Array GNM Series

GJM Series Temperature Compensating Type Hio Part Number List

0.4×0.2mm Ultra-

| т | Detail | TO | | | |
|-----------|------------------|------------|---------|--------------------|--------------------|
| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number |
|).22mm | nm 16Vdc | COG | 0.2pF | ±0.05pF | GJM0225C1CR20WB01# |
| | | | | ±0.1pF | GJM0225C1CR20BB01# |
| | | | 0.3pF | ±0.05pF | GJM0225C1CR30WB01# |
| | | | | ±0.1pF | GJM0225C1CR30BB01# |
| | | | 0.4pF | ±0.05pF | GJM0225C1CR40WB01# |
| | | | | ±0.1pF | GJM0225C1CR40BB01# |
| | | | 0.5pF | ±0.05pF | GJM0225C1CR50WB01# |
| | | | | ±0.1pF | GJM0225C1CR50BB01# |
| | | | 0.6pF | ±0.05pF | GJM0225C1CR60WB01# |
| | | | | ±0.1pF | GJM0225C1CR60BB01# |
| | | | 0.7pF | ±0.05pF | GJM0225C1CR70WB01# |
| | | | | ±0.1pF | GJM0225C1CR70BB01# |
| | | | 0.8pF | ±0.05pF | GJM0225C1CR80WB01# |
| | | | • | ±0.1pF | GJM0225C1CR80BB01# |
| | | | 0.9pF | ±0.05pF | GJM0225C1CR90WB01# |
| | | | • | ±0.1pF | GJM0225C1CR90BB01# |
| | | | 1.0pF | ±0.05pF | GJM0225C1C1R0WB01# |
| | | | 1.0рі | ±0.1pF | GJM0225C1C1R0BB01# |
| | | | | ±0.25pF | GJM0225C1C1R0CB01# |
| | | | 1.1pF | ±0.05pF | GJM0225C1C1R1WB01# |
| | | | | ±0.1pF | GJM0225C1C1R1BB01# |
| | | | | ±0.25pF | GJM0225C1C1R1CB01# |
| | | | 1.2pF | ±0.05pF | GJM0225C1C1R2WB01# |
| | | | 1.201 | ±0.1pF | GJM0225C1C1R2BB01# |
| | | | 1.3pF | ±0.25pF | GJM0225C1C1R2CB01# |
| | | | | ±0.05pF | GJM0225C1C1R3WB01# |
| | | | | ±0.1pF | GJM0225C1C1R3BB01# |
| | | | | ±0.25pF | GJM0225C1C1R3CB01# |
| | | | 1.4pF | ±0.25pi | GJM0225C1C1R4WB01# |
| | | | 1.4pi | | |
| | | | | ±0.1pF | GJM0225C1C1R4BB01# |
| | | | 1 5 5 5 | ±0.25pF | GJM0225C1C1R4CB01# |
| | | | 1.5pF | ±0.05pF | GJM0225C1C1R5WB01# |
| | | | | ±0.1pF | GJM0225C1C1R5BB01# |
| | | | 10.5 | ±0.25pF | GJM0225C1C1R5CB01# |
| | | | 1.6pF | ±0.05pF | GJM0225C1C1R6WB01# |
| | | | | ±0.1pF | GJM0225C1C1R6BB01# |
| | | | 4 | ±0.25pF | GJM0225C1C1R6CB01# |
| | | | 1.7pF | ±0.05pF | GJM0225C1C1R7WB01# |
| | | | | ±0.1pF | GJM0225C1C1R7BB01# |
| | | | | ±0.25pF | GJM0225C1C1R7CB01# |
| | | | 1.8pF | ±0.05pF | GJM0225C1C1R8WB01# |
| | | | | ±0.1pF | GJM0225C1C1R8BB01# |
| | | | | ±0.25pF | GJM0225C1C1R8CB01# |
| | | | 1.9pF | ±0.05pF | GJM0225C1C1R9WB01# |
| | | | | ±0.1pF | GJM0225C1C1R9BB01# |
| | | | | ±0.25pF | GJM0225C1C1R9CB01# |
| | | | 2.0pF | ±0.05pF | GJM0225C1C2R0WB01# |
| | | | | ±0.1pF | GJM0225C1C2R0BB01# |
| | | | | ±0.25pF | GJM0225C1C2R0CB01# |
| | | | 2.1pF | ±0.05pF | GJM0225C1C2R1WB01# |
| | | | | ±0.1pF | GJM0225C1C2R1BB01# |
| | | | ±0.25pF | GJM0225C1C2R1CB01# | |

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number |
|-----------|------------------|------------|-------|-------------------|--|
| 0.22mm | 16Vdc | COG | 2.2pF | ±0.05pF | GJM0225C1C2R2WB01# |
| | | | | ±0.1pF | GJM0225C1C2R2BB01# |
| | | | | ±0.25pF | GJM0225C1C2R2CB01# |
| | | | 2.3pF | ±0.05pF | GJM0225C1C2R3WB01# |
| | | | | ±0.1pF | GJM0225C1C2R3BB01# |
| | | | | ±0.25pF | GJM0225C1C2R3CB01# |
| | | | 2.4pF | ±0.05pF | GJM0225C1C2R4WB01# |
| | | | | ±0.1pF | GJM0225C1C2R4BB01# |
| | | | | ±0.25pF | GJM0225C1C2R4CB01# |
| | | | 2.5pF | ±0.05pF | GJM0225C1C2R5WB01# |
| | | | | ±0.1pF | GJM0225C1C2R5BB01# |
| | | | | ±0.25pF | GJM0225C1C2R5CB01# |
| | | | 2.6pF | ±0.05pF | GJM0225C1C2R6WB01# |
| | | | | ±0.1pF | GJM0225C1C2R6BB01# |
| | | | | ±0.25pF | GJM0225C1C2R6CB01# |
| | | | 2.7pF | ±0.05pF | GJM0225C1C2R7WB01# |
| | | | | ±0.1pF | GJM0225C1C2R7BB01# |
| | | | | ±0.25pF | GJM0225C1C2R7CB01# |
| | | | 2.8pF | ±0.05pF | GJM0225C1C2R8WB01# |
| | | | | ±0.1pF | GJM0225C1C2R8BB01# |
| | | | | ±0.25pF | GJM0225C1C2R8CB01# |
| | | | 2.9pF | ±0.05pF | GJM0225C1C2R9WB01# |
| | | | | ±0.1pF | GJM0225C1C2R9BB01# |
| | | | | ±0.25pF | GJM0225C1C2R9CB01# |
| | | | 3.0pF | ±0.05pF | GJM0225C1C3R0WB01# |
| | | | | ±0.1pF | GJM0225C1C3R0BB01# |
| | | | | ±0.25pF | GJM0225C1C3R0CB01# |
| | | | 3.1pF | ±0.05pF | GJM0225C1C3R1WB01# |
| | | | | ±0.1pF | GJM0225C1C3R1BB01# |
| | | | | ±0.25pF | GJM0225C1C3R1CB01# |
| | | | 3.2pF | ±0.05pF | GJM0225C1C3R2WB01# |
| | | | | ±0.1pF | GJM0225C1C3R2BB01# |
| | | | 0.0-5 | ±0.25pF | GJM0225C1C3R2CB01# |
| | | | 3.3pF | ±0.05pF | GJM0225C1C3R3WB01# GJM0225C1C3R3BB01# |
| | | | | ±0.1pF | GJM0225C1C3R3BB01# |
| | | | 2.455 | ±0.25pF | GJM0225C1C3R3CB01# |
| | | | 3.4pF | ±0.05pF | GJM0225C1C3R4BB01# |
| | | | | ±0.1pF ±0.25pF | GJM0225C1C3R4CB01# |
| | | | 3.5pF | ±0.05pF | GJM0225C1C3R5WB01# |
| | | | 0.0pi | ±0.05pF | GJM0225C1C3R5BB01# |
| | | | | ±0.25pF | GJM0225C1C3R5CB01# |
| | | | 3.6pF | ±0.05pF | GJM0225C1C3R6WB01# |
| | | | 0.001 | ±0.1pF | GJM0225C1C3R6BB01# |
| | | | | ±0.25pF | GJM0225C1C3R6CB01# |
| | | | 3.7pF | ±0.05pF | GJM0225C1C3R7WB01# |
| | | | | ±0.1pF | GJM0225C1C3R7BB01# |
| | | | | ±0.25pF | GJM0225C1C3R7CB01# |
| | | | 3.8pF | ±0.05pF | GJM0225C1C3R8WB01# |
| | | | | ±0.1pF | GJM0225C1C3R8BB01# |
| | | | | ±0.25pF | GJM0225C1C3R8CB01# |
| | | | 3.9pF | ±0.05pF | GJM0225C1C3R9WB01# |
| | | | | ±0.1pF | GJM0225C1C3R9BB01# |
| | | | | ±0.25pF | GJM0225C1C3R9CB01# |



| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number |
|-----------|------------------|------------|--------|--------------------|--------------------|
| 0.22mm | 16Vdc | COG | 4.0pF | ±0.05pF | GJM0225C1C4R0WB01# |
| | | | | ±0.1pF | GJM0225C1C4R0BB01# |
| | | | | ±0.25pF | GJM0225C1C4R0CB01# |
| | | | 4.1pF | ±0.05pF | GJM0225C1C4R1WB01# |
| | | | | ±0.1pF | GJM0225C1C4R1BB01# |
| | | | | ±0.25pF | GJM0225C1C4R1CB01# |
| | | | 4.2pF | ±0.05pF | GJM0225C1C4R2WB01# |
| | | | • | ±0.1pF | GJM0225C1C4R2BB01# |
| | | | | ±0.25pF | GJM0225C1C4R2CB01# |
| | | | 4.3pF | ±0.05pF | GJM0225C1C4R3WB01# |
| | | | | ±0.1pF | GJM0225C1C4R3BB01# |
| | | | | ±0.25pF | GJM0225C1C4R3CB01# |
| | | | 4.4pF | ±0.05pF | GJM0225C1C4R4WB01# |
| | | | 4.4рі | ±0.05pi | GJM0225C1C4R4BB01# |
| | | | | · · | |
| | | | 4.5-5 | ±0.25pF | GJM0225C1C4R4CB01# |
| | | | 4.5pF | ±0.05pF | GJM0225C1C4R5WB01# |
| | | | | ±0.1pF | GJM0225C1C4R5BB01# |
| | | | | ±0.25pF | GJM0225C1C4R5CB01# |
| | | | 4.6pF | ±0.05pF | GJM0225C1C4R6WB01# |
| | | | | ±0.1pF | GJM0225C1C4R6BB01# |
| | | | | ±0.25pF | GJM0225C1C4R6CB01# |
| | | | 4.7pF | ±0.05pF | GJM0225C1C4R7WB01# |
| | | | | ±0.1pF | GJM0225C1C4R7BB01# |
| | | | | ±0.25pF | GJM0225C1C4R7CB01# |
| | | | 4.8pF | ±0.05pF | GJM0225C1C4R8WB01# |
| | | | | ±0.1pF | GJM0225C1C4R8BB01# |
| | | | | ±0.25pF | GJM0225C1C4R8CB01# |
| | | | 4.9pF | ±0.05pF | GJM0225C1C4R9WB01# |
| | | | | ±0.1pF | GJM0225C1C4R9BB01# |
| | | | | ±0.25pF | GJM0225C1C4R9CB01# |
| | | | 5.0pF | ±0.05pF | GJM0225C1C5R0WB01# |
| | | | • | ±0.1pF | GJM0225C1C5R0BB01# |
| | | | | ±0.25pF | GJM0225C1C5R0CB01# |
| | | | 5.1pF | ±0.05pF | |
| | | | 0.101 | ±0.1pF | GJM0225C1C5R1BB01# |
| | | | | ±0.25pF | GJM0225C1C5R1CB01# |
| | | | | ±0.5pF | GJM0225C1C5R1DB01# |
| | | | F 0=F | | |
| | | | 5.2pF | ±0.05pF | GJM0225C1C5R2WB01# |
| | | | | ±0.1pF | GJM0225C1C5R2BB01# |
| | | | | ±0.25pF | GJM0225C1C5R2CB01# |
| | | | | ±0.5pF | GJM0225C1C5R2DB01# |
| | | | 5.3pF | ±0.05pF | GJM0225C1C5R3WB01# |
| | | | | ±0.1pF | GJM0225C1C5R3BB01# |
| | | | | ±0.25pF | GJM0225C1C5R3CB01# |
| | | | | ±0.5pF | GJM0225C1C5R3DB01# |
| | | | 5.4pF | ±0.05pF | GJM0225C1C5R4WB01# |
| | | | ±0.1pF | GJM0225C1C5R4BB01# | |
| | | | | ±0.25pF | GJM0225C1C5R4CB01# |
| | | | | ±0.5pF | GJM0225C1C5R4DB01# |
| | | | 5.5pF | ±0.05pF | GJM0225C1C5R5WB01# |
| | | | | ±0.1pF | GJM0225C1C5R5BB01# |
| | | | | ±0.25pF | GJM0225C1C5R5CB01# |
| | | | | ±0.5pF | GJM0225C1C5R5DB01# |
| | I | | | _3.0pi | |

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number | |
|-----------|------------------|------------|-------|---------|--------------------|--|
| 0.22mm | 16Vdc | COG | 5.6pF | ±0.1pF | GJM0225C1C5R6BB01# | |
| | | | | ±0.25pF | GJM0225C1C5R6CB01# | |
| | | | | ±0.5pF | GJM0225C1C5R6DB01# | |
| | | | 5.7pF | ±0.05pF | GJM0225C1C5R7WB01# | |
| | | | | ±0.1pF | GJM0225C1C5R7BB01# | |
| | | | | ±0.25pF | GJM0225C1C5R7CB01# | |
| | | | | ±0.5pF | GJM0225C1C5R7DB01# | |
| | | | 5.8pF | ±0.05pF | GJM0225C1C5R8WB01# | |
| | | | | ±0.1pF | GJM0225C1C5R8BB01# | |
| | | | | ±0.25pF | GJM0225C1C5R8CB01# | |
| | | | | ±0.5pF | GJM0225C1C5R8DB01# | |
| | | | 5.9pF | ±0.05pF | GJM0225C1C5R9WB01# | |
| | | | | ±0.1pF | GJM0225C1C5R9BB01# | |
| | | | | ±0.25pF | GJM0225C1C5R9CB01# | |
| | | | | ±0.5pF | GJM0225C1C5R9DB01# | |
| | | | 6.0pF | ±0.05pF | GJM0225C1C6R0WB01# | |
| | | | | ±0.1pF | GJM0225C1C6R0BB01# | |
| | | | | ±0.25pF | GJM0225C1C6R0CB01# | |
| | | | | ±0.5pF | GJM0225C1C6R0DB01# | |
| | | | 6.1pF | ±0.05pF | GJM0225C1C6R1WB01# | |
| | | | · | ±0.1pF | GJM0225C1C6R1BB01# | |
| | | | | ±0.25pF | GJM0225C1C6R1CB01# | |
| | | | | ±0.5pF | GJM0225C1C6R1DB01# | |
| | | | 6.2pF | ±0.05pF | GJM0225C1C6R2WB01# | |
| | | | | ±0.1pF | GJM0225C1C6R2BB01# | |
| | | | | ±0.25pF | GJM0225C1C6R2CB01# | |
| | | | | ±0.5pF | GJM0225C1C6R2DB01# | |
| | | | 6.3pF | ±0.05pF | GJM0225C1C6R3WB01# | |
| | | | | ±0.1pF | GJM0225C1C6R3BB01# | |
| | | | | ±0.25pF | GJM0225C1C6R3CB01# | |
| | | | | ±0.5pF | GJM0225C1C6R3DB01# | |
| | | | 6.4pF | ±0.05pF | GJM0225C1C6R4WB01# | |
| | | | | ±0.1pF | GJM0225C1C6R4BB01# | |
| | | | | ±0.25pF | GJM0225C1C6R4CB01# | |
| | | | | ±0.5pF | GJM0225C1C6R4DB01# | |
| | | | 6.5pF | ±0.05pF | GJM0225C1C6R5WB01# | |
| | | | | ±0.1pF | GJM0225C1C6R5BB01# | |
| | | | | ±0.25pF | GJM0225C1C6R5CB01# | |
| | | | | ±0.5pF | GJM0225C1C6R5DB01# | |
| | | | 6.6pF | ±0.05pF | GJM0225C1C6R6WB01# | |
| | | | | ±0.1pF | GJM0225C1C6R6BB01# | |
| | | | | ±0.25pF | GJM0225C1C6R6CB01# | |
| | | | | ±0.5pF | GJM0225C1C6R6DB01# | |
| | | | 6.7pF | ±0.05pF | GJM0225C1C6R7WB01# | |
| | | | | ±0.1pF | GJM0225C1C6R7BB01# | |
| | | | | ±0.25pF | GJM0225C1C6R7CB01# | |
| | | | | ±0.5pF | GJM0225C1C6R7DB01# | |
| | | | 6.8pF | ±0.05pF | GJM0225C1C6R8WB01# | |
| | | | | ±0.1pF | GJM0225C1C6R8BB01# | |
| | | | | ±0.25pF | GJM0225C1C6R8CB01# | |
| | | | | ±0.5pF | GJM0225C1C6R8DB01# | |
| | | | 6.9pF | ±0.05pF | GJM0225C1C6R9WB01# | |
| | | | | ±0.1pF | GJM0225C1C6R9BB01# | |
| | | | | 1 | GJM0225C1C6R9CB01# | |

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number |
|-----------|------------------|------------|-----------------|-------------------|--|
| 0.22mm | 16Vdc | COG | 6.9pF | ±0.5pF | GJM0225C1C6R9DB01# |
| | | | 7.0pF | ±0.05pF | GJM0225C1C7R0WB01# |
| | | | | ±0.1pF | GJM0225C1C7R0BB01# |
| | | | | ±0.25pF | GJM0225C1C7R0CB01# |
| | | | | ±0.5pF | GJM0225C1C7R0DB01# |
| | | | 7.1pF | ±0.05pF | GJM0225C1C7R1WB01# |
| | | | • | ±0.1pF | GJM0225C1C7R1BB01# |
| | | | | ±0.25pF | GJM0225C1C7R1CB01# |
| | | | | ±0.5pF | GJM0225C1C7R1DB01# |
| | | | 7.2pF | ±0.05pF | GJM0225C1C7R2WB01# |
| | | | , . <u>_</u> pi | ±0.1pF | GJM0225C1C7R2BB01# |
| | | | | - | |
| | | | | ±0.25pF | GJM0225C1C7R2CB01# GJM0225C1C7R2DB01# |
| | | | 7.0-5 | ±0.5pF | |
| | | | 7.3pF | ±0.05pF | GJM0225C1C7R3WB01# |
| | | | | ±0.1pF | GJM0225C1C7R3BB01# |
| | | | | ±0.25pF | GJM0225C1C7R3CB01# |
| | | | | ±0.5pF | GJM0225C1C7R3DB01# |
| | | | 7.4pF | ±0.05pF | GJM0225C1C7R4WB01# |
| | | | | ±0.1pF | GJM0225C1C7R4BB01# |
| | | | | ±0.25pF | GJM0225C1C7R4CB01# |
| | | | | ±0.5pF | GJM0225C1C7R4DB01# |
| | | | 7.5pF | ±0.05pF | GJM0225C1C7R5WB01# |
| | | | | ±0.1pF | GJM0225C1C7R5BB01# |
| | | | | ±0.25pF | GJM0225C1C7R5CB01# |
| | | | | ±0.5pF | GJM0225C1C7R5DB01# |
| | | | 7.6pF 7.7pF | ±0.05pF | GJM0225C1C7R6WB01# |
| | | , | | ±0.1pF | GJM0225C1C7R6BB01# |
| | | | | ±0.25pF | GJM0225C1C7R6CB01# |
| | | | | ±0.5pF | GJM0225C1C7R6DB01# |
| | | | | ±0.05pF | GJM0225C1C7R7WB01# |
| | | | | ±0.1pF | GJM0225C1C7R7BB01# |
| | | | | ±0.25pF | GJM0225C1C7R7CB01# |
| | | | | ±0.5pF | GJM0225C1C7R7DB01# |
| | | | | ±0.05pF | GJM0225C1C7R8WB01# |
| | | | 7.0pi | - | GJM0225C1C7R8BB01# |
| | | | | ±0.1pF ±0.25pF | |
| | | | | | GJM0225C1C7R8CB01# GJM0225C1C7R8DB01# |
| | | | 70-5 | ±0.5pF | |
| | | | 7.9pF | ±0.05pF | GJM0225C1C7R9WB01# |
| | | | | ±0.1pF | GJM0225C1C7R9BB01# |
| | | | | ±0.25pF | GJM0225C1C7R9CB01# |
| | | | | ±0.5pF | GJM0225C1C7R9DB01# |
| | | | 8.0pF | ±0.05pF | GJM0225C1C8R0WB01# |
| | | | | ±0.1pF | GJM0225C1C8R0BB01# |
| | | | | ±0.25pF | GJM0225C1C8R0CB01# |
| | | | | ±0.5pF | GJM0225C1C8R0DB01# |
| | | | 8.1pF | ±0.05pF | GJM0225C1C8R1WB01# |
| | | | | ±0.1pF | GJM0225C1C8R1BB01# |
| | | | | ±0.25pF | GJM0225C1C8R1CB01# |
| | | | | ±0.5pF | GJM0225C1C8R1DB01# |
| | | | 8.2pF | ±0.05pF | GJM0225C1C8R2WB01# |
| | | | • | ±0.1pF | GJM0225C1C8R2BB01# |
| | | | | ±0.25pF | GJM0225C1C8R2CB01# |
| | | | | - 14. | |
| | | | | ±0.5pF | GJM0225C1C8R2DB01# |

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number | |
|-----------|------------------|------------|--------|-------------------|--|--|
| 0.22mm | 16Vdc | COG | 8.3pF | ±0.1pF | GJM0225C1C8R3BB01# | |
| | | | | ±0.25pF | GJM0225C1C8R3CB01# | |
| | | | | ±0.5pF | GJM0225C1C8R3DB01# | |
| | | | 8.4pF | ±0.05pF | GJM0225C1C8R4WB01# | |
| | | | | ±0.1pF | GJM0225C1C8R4BB01# | |
| | | | | ±0.25pF | GJM0225C1C8R4CB01# | |
| | | | | ±0.5pF | GJM0225C1C8R4DB01# | |
| | | | 8.5pF | ±0.05pF | GJM0225C1C8R5WB01# | |
| | | | | ±0.1pF | GJM0225C1C8R5BB01# | |
| | | | | ±0.25pF | GJM0225C1C8R5CB01# | |
| | | | | ±0.5pF | GJM0225C1C8R5DB01# | |
| | | | 8.6pF | ±0.05pF | GJM0225C1C8R6WB01# | |
| | | | | ±0.1pF | GJM0225C1C8R6BB01# | |
| | | | | ±0.25pF | GJM0225C1C8R6CB01# | |
| | | | | ±0.5pF | GJM0225C1C8R6DB01# | |
| | | | 8.7pF | ±0.05pF | GJM0225C1C8R7WB01# | |
| | | | | ±0.1pF | GJM0225C1C8R7BB01# | |
| | | | | ±0.25pF | GJM0225C1C8R7CB01# | |
| | | | | ±0.5pF | GJM0225C1C8R7DB01# | |
| | | | 8.8pF | ±0.05pF | GJM0225C1C8R8WB01# | |
| | | | | ±0.1pF | GJM0225C1C8R8BB01# | |
| | | | | ±0.25pF | GJM0225C1C8R8CB01# | |
| | | | | ±0.5pF | GJM0225C1C8R8DB01# | |
| | | | 8.9pF | ±0.05pF | GJM0225C1C8R9WB01# | |
| | | | | ±0.1pF | GJM0225C1C8R9BB01# | |
| | | | | ±0.25pF | GJM0225C1C8R9CB01# | |
| | | | | ±0.5pF | GJM0225C1C8R9DB01# | |
| | | | 9.0pF | ±0.05pF | GJM0225C1C9R0WB01# | |
| | | | | ±0.1pF | GJM0225C1C9R0BB01# | |
| | | | | ±0.25pF | GJM0225C1C9R0CB01# | |
| | | | 0.4-5 | ±0.5pF | GJM0225C1C9R0DB01# | |
| | | | 9.1pF | ±0.05pF | GJM0225C1C9R1WB01# | |
| | | | | ±0.1pF | GJM0225C1C9R1BB01# | |
| | | | | ±0.25pF | GJM0225C1C9R1CB01# | |
| | | | 0.2nE | ±0.5pF ±0.05pF | GJM0225C1C9R1DB01# GJM0225C1C9R2WB01# | |
| | | | 9.2pF | ±0.03pi | GJM0225C1C9R2BB01# | |
| | | | | ±0.1pi | GJM0225C1C9R2CB01# | |
| | | | | ±0.25pi | GJM0225C1C9R2DB01# | |
| | | | 9.3pF | ±0.05pF | GJM0225C1C9R3WB01# | |
| | | | э.эрі | ±0.05pi | GJM0225C1C9R3BB01# | |
| | | | | ±0.1pi | GJM0225C1C9R3CB01# | |
| | | | | ±0.5pF | GJM0225C1C9R3DB01# | |
| | | | 9.4pF | ±0.05pF | GJM0225C1C9R4WB01# | |
| | | | 0. Ipi | ±0.1pF | GJM0225C1C9R4BB01# | |
| | | | | ±0.25pF | GJM0225C1C9R4CB01# | |
| | | | | ±0.5pF | GJM0225C1C9R4DB01# | |
| | | | 9.5pF | ±0.05pF | GJM0225C1C9R5WB01# | |
| | | | P. | ±0.1pF | GJM0225C1C9R5BB01# | |
| | | | | ±0.25pF | GJM0225C1C9R5CB01# | |
| | | | | ±0.5pF | GJM0225C1C9R5DB01# | |
| | | | 9.6pF | ±0.05pF | GJM0225C1C9R6WB01# | |
| | | | - 1 | ±0.1pF | GJM0225C1C9R6BB01# | |
| | | | | ±0.25pF | GJM0225C1C9R6CB01# | |
| | | | | - 15. | 1 | |



| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number |
|-----------|------------------|------------|--------|--------------------|--------------------|
|).22mm | 16Vdc | COG | 9.6pF | ±0.5pF | GJM0225C1C9R6DB01# |
| | | | 9.7pF | ±0.05pF | GJM0225C1C9R7WB01# |
| | | | | ±0.1pF | GJM0225C1C9R7BB01# |
| | | | | ±0.25pF | GJM0225C1C9R7CB01# |
| | | | | ±0.5pF | GJM0225C1C9R7DB01# |
| | | | 9.8pF | ±0.05pF | GJM0225C1C9R8WB01# |
| | | | | ±0.1pF | GJM0225C1C9R8BB01# |
| | | | | ±0.25pF | GJM0225C1C9R8CB01# |
| | | | | ±0.5pF | GJM0225C1C9R8DB01# |
| | | | 9.9pF | ±0.05pF | GJM0225C1C9R9WB01# |
| | | | • | ±0.1pF | GJM0225C1C9R9BB01# |
| | | | | ±0.25pF | GJM0225C1C9R9CB01# |
| | | | | ±0.5pF | GJM0225C1C9R9DB01# |
| | | | 10pF | ±2% | GJM0225C1C100GB01# |
| | | | торі | ±5% | GJM0225C1C100JB01# |
| | | CK | 0.05 | | |
| | | CK | 0.2pF | ±0.05pF | GJM0224C1CR20WB01# |
| | | | 0.0.5 | ±0.1pF | GJM0224C1CR20BB01# |
| | | | 0.3pF | ±0.05pF | GJM0224C1CR30WB01# |
| | | | | ±0.1pF | GJM0224C1CR30BB01# |
| | | | 0.4pF | ±0.05pF | GJM0224C1CR40WB01# |
| | | | | ±0.1pF | GJM0224C1CR40BB01# |
| | | | 0.5pF | ±0.05pF | GJM0224C1CR50WB01# |
| | | | | ±0.1pF | GJM0224C1CR50BB01# |
| | | | 0.6pF | ±0.05pF | GJM0224C1CR60WB01# |
| | | | | ±0.1pF | GJM0224C1CR60BB01# |
| | | | 0.7pF | ±0.05pF | GJM0224C1CR70WB01# |
| | | | | ±0.1pF | GJM0224C1CR70BB01# |
| | | | 0.8pF | ±0.05pF | GJM0224C1CR80WB01# |
| | | | | ±0.1pF | GJM0224C1CR80BB01# |
| | | | 0.9pF | ±0.05pF | GJM0224C1CR90WB01# |
| | | | | ±0.1pF | GJM0224C1CR90BB01# |
| | | | 1.0pF | ±0.05pF | GJM0224C1C1R0WB01# |
| | | | 1.001 | ±0.1pF | GJM0224C1C1R0BB01# |
| | | | | ±0.25pF | GJM0224C1C1R0CB01# |
| | | | 1.1pF | ±0.05pF | GJM0224C1C1R1WB01# |
| | | | | ±0.1pF | GJM0224C1C1R1BB01# |
| | | | | ±0.25pF | GJM0224C1C1R1CB01# |
| | | | 1.2pF | ±0.25pi | GJM0224C1C1R2WB01# |
| | | | ι.∠μι | ±0.05pF | GJM0224C1C1R2BB01# |
| | | | | · · | |
| | | | 10-5 | ±0.25pF | GJM0224C1C1R2CB01# |
| | | | 1.3pF | ±0.05pF | GJM0224C1C1R3WB01# |
| | | | | ±0.1pF | GJM0224C1C1R3BB01# |
| | | | | ±0.25pF | GJM0224C1C1R3CB01# |
| | | | 1.4pF | ±0.05pF | GJM0224C1C1R4WB01# |
| | | | | ±0.1pF | GJM0224C1C1R4BB01# |
| | | | | ±0.25pF | GJM0224C1C1R4CB01# |
| | | | 1.5pF | ±0.05pF | GJM0224C1C1R5WB01# |
| | | | | ±0.1pF | GJM0224C1C1R5BB01# |
| | | | | ±0.25pF | GJM0224C1C1R5CB01# |
| | | | 1.6pF | ±0.05pF | GJM0224C1C1R6WB01# |
| | | | | ±0.1pF | GJM0224C1C1R6BB01# |
| | | | | ±0.25pF | GJM0224C1C1R6CB01# |
| | | | 1.7pF | ±0.05pF | GJM0224C1C1R7WB01# |
| | | | ±0.1pF | GJM0224C1C1R7BB01# | |

| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number | |
|-----------|------------------|------------|----------|--------------|---------------------------------|------|
| 0.22mm | 16Vdc | CK | 1.7pF | ±0.25pF | GJM0224C1C1R7CB01# | |
| | | | 1.8pF | ±0.05pF | GJM0224C1C1R8WB01# | |
| | | | | ±0.1pF | GJM0224C1C1R8BB01# | |
| | | | | ±0.25pF | GJM0224C1C1R8CB01# | |
| | | | 1.9pF | ±0.05pF | GJM0224C1C1R9WB01# | |
| | | | | ±0.1pF | GJM0224C1C1R9BB01# | |
| | | | | ±0.25pF | GJM0224C1C1R9CB01# | |
| | | | 2.0pF | ±0.05pF | GJM0224C1C2R0WB01# | |
| | | | | ±0.1pF | GJM0224C1C2R0BB01# | |
| | | | | ±0.25pF | GJM0224C1C2R0CB01# | |
| | | CJ | 2.1pF | ±0.05pF | GJM0223C1C2R1WB01# | |
| | | | | ±0.1pF | GJM0223C1C2R1BB01# | |
| | | | | ±0.25pF | GJM0223C1C2R1CB01# | |
| | | | 2.2pF | ±0.05pF | GJM0223C1C2R2WB01# | |
| | | | | ±0.1pF | GJM0223C1C2R2BB01# | |
| | | | | ±0.25pF | GJM0223C1C2R2CB01# | |
| | | | 2.3pF | ±0.05pF | GJM0223C1C2R3WB01# | |
| | | | | ±0.1pF | GJM0223C1C2R3BB01# | |
| | | | | ±0.25pF | GJM0223C1C2R3CB01# | |
| | | | 2.4pF | ±0.05pF | GJM0223C1C2R4WB01# | |
| | | | | ±0.1pF | GJM0223C1C2R4BB01# | |
| | | | | ±0.25pF | GJM0223C1C2R4CB01# | |
| | | | 2.5pF | ±0.05pF | GJM0223C1C2R5WB01# | |
| | | | | ±0.1pF | GJM0223C1C2R5BB01# | |
| | | | | ±0.25pF | GJM0223C1C2R5CB01# | |
| | | | 2.6pF | ±0.05pF | GJM0223C1C2R6WB01# | |
| | | | | ±0.1pF | GJM0223C1C2R6BB01# | |
| | | | | ±0.25pF | GJM0223C1C2R6CB01# | |
| | | | 2.7pF | ±0.05pF | GJM0223C1C2R7WB01# | |
| | | | | ±0.1pF | GJM0223C1C2R7BB01# | |
| | | | | ±0.25pF | GJM0223C1C2R7CB01# | |
| | | | 2.8pF | ±0.05pF | GJM0223C1C2R8WB01# | |
| | | | | ±0.1pF | GJM0223C1C2R8BB01# | |
| | | | | ±0.25pF | GJM0223C1C2R8CB01# | |
| | | | 2.9pF | ±0.05pF | GJM0223C1C2R9WB01# | |
| | | | | ±0.1pF | GJM0223C1C2R9BB01# | |
| | | | | ±0.25pF | GJM0223C1C2R9CB01# | |
| | | | 3.0pF | ±0.05pF | GJM0223C1C3R0WB01# | |
| | | | | ±0.1pF | GJM0223C1C3R0BB01# | |
| | | | | ±0.25pF | GJM0223C1C3R0CB01# | |
| | | | 3.1pF | ±0.05pF | GJM0223C1C3R1WB01# | |
| | | | | ±0.1pF | GJM0223C1C3R1BB01# | |
| | | | | ±0.25pF | GJM0223C1C3R1CB01# | |
| | | | 3.2pF | ±0.05pF | GJM0223C1C3R2WB01# | |
| | | | | ±0.1pF | GJM0223C1C3R2BB01# | |
| | | | | ±0.25pF | GJM0223C1C3R2CB01# | |
| | | | 3.3pF | ±0.05pF | GJM0223C1C3R3WB01# | |
| | | | | ±0.1pF | GJM0223C1C3R3BB01# | |
| | | | | ±0.25pF | GJM0223C1C3R3CB01# | |
| | | | 3.4pF | ±0.05pF | GJM0223C1C3R4WB01# | |
| | | | | ±0.1pF | GJM0223C1C3R4BB01# | |
| | | | | ±0.25pF | GJM0223C1C3R4CB01# | |
| | | | 3.5pF | ±0.05pF | GJM0223C1C3R5WB01# | |
| | | | | ±0.1pF | GJM0223C1C3R5BB01# | |
| | | | Part nur | nber # indic | cates the package specification | code |

 $\blacksquare 0.4 \times 0.2 \text{mm}$

| (→ ■ 0 | .4×0.2ı | mm) | | | |
|-----------|------------------|------------|-------|---------|--------------------|
| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number |
| 0.22mm | 16Vdc | CJ | 3.5pF | ±0.25pF | GJM0223C1C3R5CB01# |
| | | | 3.6pF | ±0.05pF | GJM0223C1C3R6WB01# |
| | | | | ±0.1pF | GJM0223C1C3R6BB01# |
| | | | | ±0.25pF | GJM0223C1C3R6CB01# |
| | | | 3.7pF | ±0.05pF | GJM0223C1C3R7WB01# |
| | | | | ±0.1pF | GJM0223C1C3R7BB01# |
| | | | | ±0.25pF | GJM0223C1C3R7CB01# |
| | | | 3.8pF | ±0.05pF | GJM0223C1C3R8WB01# |
| | | | | ±0.1pF | GJM0223C1C3R8BB01# |
| | | | | ±0.25pF | GJM0223C1C3R8CB01# |
| | | | 3.9pF | ±0.05pF | GJM0223C1C3R9WB01# |
| | | | | ±0.1pF | GJM0223C1C3R9BB01# |
| | | | | ±0.25pF | GJM0223C1C3R9CB01# |
| | | СН | 4.0pF | ±0.05pF | GJM0222C1C4R0WB01# |
| | | | | ±0.1pF | GJM0222C1C4R0BB01# |
| | | | | ±0.25pF | GJM0222C1C4R0CB01# |
| | | | 4.1pF | ±0.05pF | GJM0222C1C4R1WB01# |
| | | | | ±0.1pF | GJM0222C1C4R1BB01# |
| | | | | ±0.25pF | GJM0222C1C4R1CB01# |
| | | | 4.2pF | ±0.05pF | GJM0222C1C4R2WB01# |
| | | | | ±0.1pF | GJM0222C1C4R2BB01# |
| | | | | ±0.25pF | GJM0222C1C4R2CB01# |
| | | | 4.3pF | ±0.05pF | GJM0222C1C4R3WB01# |
| | | | | ±0.1pF | GJM0222C1C4R3BB01# |
| | | | | ±0.25pF | GJM0222C1C4R3CB01# |
| | | | 4.4pF | ±0.05pF | GJM0222C1C4R4WB01# |
| | | | | ±0.1pF | GJM0222C1C4R4BB01# |
| | | | | ±0.25pF | GJM0222C1C4R4CB01# |
| | | | 4.5pF | ±0.05pF | GJM0222C1C4R5WB01# |
| | | | | ±0.1pF | GJM0222C1C4R5BB01# |
| | | | | ±0.25pF | GJM0222C1C4R5CB01# |
| | | | 4.6pF | ±0.05pF | GJM0222C1C4R6WB01# |
| | | | | ±0.1pF | GJM0222C1C4R6BB01# |
| | | | | ±0.25pF | GJM0222C1C4R6CB01# |
| | | | 4.7pF | ±0.05pF | GJM0222C1C4R7WB01# |
| | | | | ±0.1pF | GJM0222C1C4R7BB01# |
| | | | | ±0.25pF | GJM0222C1C4R7CB01# |
| | | | 4.8pF | ±0.05pF | GJM0222C1C4R8WB01# |
| | | | | ±0.1pF | GJM0222C1C4R8BB01# |
| | | | | ±0.25pF | GJM0222C1C4R8CB01# |
| | | | 4.9pF | ±0.05pF | GJM0222C1C4R9WB01# |
| | | | | ±0.1pF | GJM0222C1C4R9BB01# |
| | | | | ±0.25pF | GJM0222C1C4R9CB01# |
| | | | 5.0pF | ±0.05pF | GJM0222C1C5R0WB01# |
| | | | | ±0.1pF | GJM0222C1C5R0BB01# |
| | | | | ±0.25pF | GJM0222C1C5R0CB01# |
| | | | 5.1pF | ±0.05pF | GJM0222C1C5R1WB01# |
| | | | | ±0.1pF | GJM0222C1C5R1BB01# |
| | | | | ±0.25pF | GJM0222C1C5R1CB01# |
| | | | | ±0.5pF | GJM0222C1C5R1DB01# |
| | | | 5.2pF | ±0.05pF | GJM0222C1C5R2WB01# |
| | | | | ±0.1pF | GJM0222C1C5R2BB01# |
| | | | | ±0.25pF | GJM0222C1C5R2CB01# |
| | | | | ±0.5pF | GJM0222C1C5R2DB01# |

| 16Vdc | T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number | |
|--|-----------|------------------|------------|-------|---------|--------------------|--|
| ### ### ############################## | 0.22mm | 16Vdc | СН | 5.3pF | ±0.05pF | GJM0222C1C5R3WB01# | |
| #0.5pF GJM0222C1C5R4W801# ±0.1pF GJM0222C1C5R4W801# ±0.2ppF GJM0222C1C5R4W801# ±0.5pF GJM0222C1C5R5W801# ±0.5pF GJM0222C1C5R5W801# ±0.5pF GJM0222C1C5R5W801# ±0.2ppF GJM0222C1C5R5B801# ±0.2ppF GJM0222C1C5R5B801# ±0.2ppF GJM0222C1C5R5B801# ±0.2ppF GJM0222C1C5R5B801# ±0.2ppF GJM0222C1C5R5B801# ±0.2ppF GJM0222C1C5R6B801# ±0.2ppF GJM0222C1C5R6B801# ±0.5ppF GJM0222C1C5R6B801# ±0.5ppF GJM0222C1C5R7B801# ±0.5ppF GJM0222C1C5R7B801# ±0.5ppF GJM0222C1C5R7B801# ±0.5ppF GJM0222C1C5R7B801# ±0.5ppF GJM0222C1C5R7B801# ±0.5ppF GJM0222C1C5R8B801# ±0.5ppF GJM0222C1C5R8B801# ±0.5ppF GJM0222C1C5R8B801# ±0.5ppF GJM0222C1C5R8B801# ±0.5ppF GJM0222C1C5R8B801# ±0.5ppF GJM0222C1C5R9B801# ±0.5ppF GJM0222C1C6R0B801# ±0.5ppF GJM0222C1C6R0B801# ±0.5ppF GJM0222C1C6R0B801# ±0.5ppF GJM0222C1C6R1B801# ±0.5ppF GJM0222C1C6R3B801# ±0.5ppF GJM0222C1C6R4B801# ±0.5p | | | | | ±0.1pF | GJM0222C1C5R3BB01# | |
| 5.4pF | | | | | ±0.25pF | GJM0222C1C5R3CB01# | |
| #0.1pF GJM0222C1C5R4BB01# #0.25pF GJM0222C1C5R4D801# #0.5pF GJM022C1C5R4D801# #0.1pF GJM022C1C5R5B01# #0.1pF GJM022C1C5R5B01# #0.5pF GJM022C1C5R5B01# #0.5pF GJM022C1C5R5B001# #0.5pF GJM022C1C5R5B001# #0.5pF GJM022C1C5R6B001# #0.5pF GJM022C1C5R6G801# #0.5pF GJM022C1C5R6G801# #0.5pF GJM022C1C5R6G801# #0.5pF GJM022C1C5R6G801# #0.5pF GJM022C1C5R7B01# #0.5pF GJM022C1C5R7B01# #0.5pF GJM022C1C5R7B01# #0.5pF GJM022C1C5R7B01# #0.5pF GJM022C1C5R7B01# #0.5pF GJM022C1C5R7B01# #0.5pF GJM022C1C5R7B001# #0.5pF GJM022C1C5R8B001# #0.5pF GJM022C1C5R8B001# #0.5pF GJM022C1C5R8B001# #0.5pF GJM022C1C5R8B001# #0.5pF GJM022C1C5R9B001# #0.5pF GJM022C1C5R9B01# #0.5pF GJM022C1C5R9B001# #0.5pF GJM022C1C5R9B001# #0.5pF GJM022C1C5R9B001# #0.5pF GJM022C1C6R0B001# #0.5pF GJM022C1C6R0B001# #0.5pF GJM022C1C6R0B001# #0.5pF GJM022C1C6R0B001# #0.5pF GJM022C1C6R0B01# #0.5pF GJM022C1C6R0B001# #0.5pF GJM022C1C6 | | | | | ±0.5pF | GJM0222C1C5R3DB01# | |
| #0.5pF | | | | 5.4pF | ±0.05pF | GJM0222C1C5R4WB01# | |
| #0.5pF GJM0222C1C5R5WB01# #0.1pF GJM0222C1C5R5BB01# #0.5pF GJM0222C1C5R5BB01# #0.5pF GJM022C1C5R5BB01# #0.5pF GJM022C1C5R5BB01# #0.5pF GJM022C1C5R5BB01# #0.5pF GJM022C1C5R5BB01# #0.5pF GJM022C1C5R6BB01# #0.5pF GJM022C1C5R6CB01# #0.5pF GJM022C1C5R6CB01# #0.5pF GJM022C1C5R6CB01# #0.5pF GJM022C1C5R7BB01# #0.5pF GJM022C1C5R7BB01# #0.5pF GJM022C1C5R7BB01# #0.5pF GJM022C1C5R7BB01# #0.5pF GJM022C1C5R7BB01# #0.5pF GJM022C1C5R7BB01# #0.5pF GJM022C1C5R8BB01# #0.5pF GJM022C1C5R8BB01# #0.5pF GJM022C1C5R8BB01# #0.5pF GJM022C1C5R8BB01# #0.5pF GJM022C1C5R8BB01# #0.5pF GJM022C1C5R9BB01# #0.5pF GJM022C1C5R9BB01# #0.5pF GJM022C1C5R9BB01# #0.5pF GJM022C1C5R9BB01# #0.5pF GJM022C1C6R0BB01# #0.5pF GJM022C1C6R1CB01# #0.5pF GJM022C1C6R0BB01# #0.5pF GJM022C1C6R1CB01# #0.5pF GJM022C1C6R1CB01# #0.5pF GJM022C1C6R1CB01# #0.5pF GJM022C1C6R1CB01# #0.5pF GJM022C1C6R1BB01# #0.5pF GJM022C1C6R3CB01# #0.5pF GJM022C1C6R3CB01# #0.5pF GJM022C1C6R3BB01# #0.5pF GJM022C1C6R4BB01# #0.5pF GJM022C1C6R5BB01# #0.5pF GJM022C1C6R | | | | | ±0.1pF | GJM0222C1C5R4BB01# | |
| 5.5pF | | | | | ±0.25pF | GJM0222C1C5R4CB01# | |
| #0.1pF GJM0222C1C5R5BB01# #0.5pF GJM022C1C5R5BB01# #0.5pF GJM022C1C5R6BB01# #0.5pF GJM022C1C5R6BB01# #0.5pF GJM022C1C5R6BB01# #0.5pF GJM022C1C5R6BB01# #0.5pF GJM022C1C5R6BB01# #0.5pF GJM022C1C5R7BB01# #0.5pF GJM022C1C5R7BB01# #0.5pF GJM022C1C5R7BB01# #0.5pF GJM022C1C5R7BB01# #0.5pF GJM022C1C5R7BB01# #0.5pF GJM022C1C5R7BB01# #0.5pF GJM022C1C5R8BB01# #0.5pF GJM022C1C5R8BB01# #0.5pF GJM022C1C5R8BB01# #0.5pF GJM022C1C5R8BB01# #0.5pF GJM022C1C5R8BB01# #0.5pF GJM022C1C5R9BB01# #0.5pF GJM022C1C5R9BB01# #0.5pF GJM022C1C5R9BB01# #0.5pF GJM022C1C5R9BB01# #0.5pF GJM022C1C5R9BB01# #0.5pF GJM022C1C5R9BB01# #0.5pF GJM022C1C6R0B01# #0.5pF GJM022C1C6R0B01# #0.5pF GJM022C1C6R0B01# #0.5pF GJM022C1C6R0B01# #0.5pF GJM022C1C6R0B01# #0.5pF GJM022C1C6R0B01# #0.5pF GJM022C1C6R1B01# #0.5pF GJM022C1C6R1B01# #0.5pF GJM022C1C6R1B01# #0.5pF GJM022C1C6R1B01# #0.5pF GJM022C1C6R2BB01# #0.5pF GJM022C1C6R2BB01# #0.5pF GJM022C1C6R2BB01# #0.5pF GJM022C1C6R3BB01# #0.5pF GJM022C1C6R4BB01# #0.5pF GJM022C1C6R5BB01# #0.5p | | | | | ±0.5pF | GJM0222C1C5R4DB01# | |
| #0.25pF GJM0222C1C5R5D801# #0.5pF GJM022C1C5R6W801# #0.1pF GJM022C1C5R6B01# #0.25pF GJM022C1C5R6B01# #0.5pF GJM022C1C5R6B01# #0.5pF GJM022C1C5R6B01# #0.5pF GJM022C1C5R7W801# #0.1pF GJM022C1C5R7W801# #0.5pF GJM022C1C5R7W801# #0.5pF GJM022C1C5R7W801# #0.5pF GJM022C1C5R7W801# #0.5pF GJM022C1C5R7W801# #0.5pF GJM022C1C5R7C801# #0.5pF GJM022C1C5R8W801# #0.1pF GJM022C1C5R8W801# #0.5pF GJM022C1C5R8B01# #0.5pF GJM022C1C5R8B01# #0.5pF GJM022C1C5R8B01# #0.5pF GJM022C1C5R8B01# #0.5pF GJM022C1C5R8D801# #0.5pF GJM022C1C5R9B01# #0.5pF GJM022C1C5R9B01# #0.5pF GJM022C1C5R9B01# #0.5pF GJM022C1C5R9B01# #0.5pF GJM022C1C6R9B01# #0.5pF GJM022C1C6R0W801# #0.5pF GJM022C1C6R0W801# #0.5pF GJM022C1C6R0B01# #0.5pF GJM022C1C6R0B01# #0.5pF GJM022C1C6R1B01# #0.5pF GJM022C1C6R1B01# #0.5pF GJM022C1C6R1B01# #0.5pF GJM022C1C6R1B01# #0.5pF GJM022C1C6R2B01# #0.5pF GJM022C1C6R2B01# #0.5pF GJM022C1C6R2B01# #0.5pF GJM022C1C6R3C801# #0.5pF GJM022C1C6R3C801# #0.5pF GJM022C1C6R3C801# #0.5pF GJM022C1C6R3B01# #0.5pF GJM022C1C6R3B01# #0.5pF GJM022C1C6R3B01# #0.5pF GJM022C1C6R3B01# #0.5pF GJM022C1C6R4B01# #0.5pF GJM022C1C6R6B01# #0.5pF GJM022C1C6R4B01# #0.5pF GJM022C1C6R4B01# #0.5pF GJM022C1C6R6B001# #0.5pF GJM022C1C6R6B001# #0.5pF GJM022C1C6R6B001# | | | | 5.5pF | ±0.05pF | GJM0222C1C5R5WB01# | |
| ### 10.5pF GJM0222C1C5R5DB01# #0.1pF GJM022C1C5R6BB01# #0.5pF GJM022C1C5R6BB01# #0.5pF GJM022C1C5R6BB01# #0.5pF GJM022C1C5R6BB01# #0.5pF GJM022C1C5R7BB01# #0.5pF GJM022C1C5R7BB01# #0.5pF GJM022C1C5R7BB01# #0.5pF GJM022C1C5R7BB01# #0.5pF GJM022C1C5R7BB01# #0.5pF GJM022C1C5R7BB01# #0.5pF GJM022C1C5R8BB01# #0.5pF GJM022C1C5R8BB01# #0.5pF GJM022C1C5R8BB01# #0.5pF GJM022C1C5R8BB01# #0.5pF GJM022C1C5R8BB01# #0.5pF GJM022C1C5R9BB01# #0.5pF GJM022C1C5R9BB01# #0.5pF GJM022C1C5R9BB01# #0.5pF GJM022C1C5R9BB01# #0.5pF GJM022C1C5R9BB01# #0.5pF GJM022C1C6R0BB01# #0.5pF GJM022C1C6R0BB01# #0.5pF GJM022C1C6R0BB01# #0.5pF GJM022C1C6R0BB01# #0.5pF GJM022C1C6R0BB01# #0.5pF GJM022C1C6R1BB01# #0.5pF GJM022C1C6R1BB01# #0.5pF GJM022C1C6R1BB01# #0.5pF GJM022C1C6R2BB01# #0.5pF GJM022C1C6R2BB01# #0.5pF GJM022C1C6R3BB01# #0.5pF GJM022C1C6R4BB01# #0.5pF GJM022C1C6R4BB01# #0.5pF GJM022C1C6R3BB01# #0.5pF GJM022C1C6R5BB01# #0.5pF GJ | | | | | ±0.1pF | GJM0222C1C5R5BB01# | |
| 5.6pF | | | | | ±0.25pF | GJM0222C1C5R5CB01# | |
| #0.1pF GJM0222C1C5R6BB01# #0.5pF GJM022C1C5R6BB01# #0.5pF GJM022C1C5R8B01# #0.5pF GJM022C1C5R8B001# #0.5pF GJM022C1C5R8B001# #0.5pF GJM022C1C5R9B01# #0.5pF GJM022C1C5R9B01# #0.5pF GJM022C1C5R9B01# #0.5pF GJM022C1C6R0B01# #0.5pF GJM022C1C6R0B01# #0.5pF GJM022C1C6R0B01# #0.5pF GJM022C1C6R0B01# #0.5pF GJM022C1C6R0B01# #0.5pF GJM022C1C6R1B01# #0.5pF GJM022C1C6R1B01# #0.5pF GJM022C1C6R2B01# #0.5pF GJM022C1C6R2B01# #0.5pF GJM022C1C6R2B01# #0.5pF GJM022C1C6R3B01# #0.5pF GJM022C1C6R4B01# #0.5pF GJM022C1C6R4B01# #0.5pF GJM022C1C6R4B01# #0.5pF GJM022C1C6R3B01# #0.5pF GJM022C1C6R4B01# #0.5pF GJM022C1C6R3B01# #0.5pF GJM022C1C6R3B01# #0.5pF GJM022C1C6R3B01# #0.5pF GJM022C1C6R3B01# #0.5pF GJM022C1C6R4B01# #0.5pF GJM022C1C6R3B01# #0.5pF GJM022C1C6R5B01# #0.5pF GJM022C1C6R5B001# #0.5pF GJM0 | | | | | ±0.5pF | GJM0222C1C5R5DB01# | |
| #0.25pF GJM0222C1C5R6CB01# #0.5pF GJM022C1C5R6DB01# #0.5pF GJM022C1C5R7WB01# #0.1pF GJM022C1C5R7WB01# #0.25pF GJM022C1C5R7BB01# #0.5pF GJM022C1C5R7BB01# #0.5pF GJM022C1C5R7BB01# #0.5pF GJM022C1C5R8BB01# #0.5pF GJM022C1C5R8BB01# #0.5pF GJM022C1C5R8BB01# #0.5pF GJM022C1C5R8BB01# #0.5pF GJM022C1C5R8BB01# #0.5pF GJM022C1C5R8BB01# #0.5pF GJM022C1C5R9BB01# #0.5pF GJM022C1C6R0B01# #0.5pF GJM022C1C6R0B01# #0.5pF GJM022C1C6R0B01# #0.5pF GJM022C1C6R0B01# #0.5pF GJM022C1C6R1BB01# #0.5pF GJM022C1C6R1BB01# #0.5pF GJM022C1C6R1BB01# #0.5pF GJM022C1C6R2BB01# #0.5pF GJM022C1C6R2BB01# #0.5pF GJM022C1C6R3BB01# #0.5pF GJM022C1C6R5BB01# | | | | 5.6pF | ±0.05pF | GJM0222C1C5R6WB01# | |
| #0.5pF #0.05pF #0.0 | | | | | ±0.1pF | GJM0222C1C5R6BB01# | |
| 5.7pF ±0.05pF GJM0222C1C5R7WB01# ±0.25pF GJM022C1C5R7BB01# ±0.5pF GJM022C1C5R7BB01# ±0.5pF GJM022C1C5R8WB01# ±0.5pF GJM022C1C5R8WB01# ±0.5pF GJM022C1C5R8WB01# ±0.5pF GJM022C1C5R8WB01# ±0.5pF GJM022C1C5R8WB01# ±0.5pF GJM022C1C5R8WB01# ±0.5pF GJM022C1C5R9WB01# ±0.5pF GJM022C1C5R9WB01# ±0.5pF GJM022C1C5R9WB01# ±0.5pF GJM022C1C5R9WB01# ±0.5pF GJM022C1C5R9WB01# ±0.5pF GJM022C1C5R9WB01# ±0.5pF GJM022C1C6R0WB01# ±0.5pF GJM022C1C6R0WB01# ±0.5pF GJM022C1C6R0WB01# ±0.5pF GJM022C1C6R0BB01# ±0.5pF GJM022C1C6R1WB01# ±0.5pF GJM022C1C6R1WB01# ±0.5pF GJM022C1C6R1BB01# ±0.5pF GJM022C1C6R1BB01# ±0.5pF GJM022C1C6R2WB01# ±0.5pF GJM022C1C6R2WB01# ±0.5pF GJM022C1C6R2B01# ±0.5pF GJM022C1C6R2B01# ±0.5pF GJM022C1C6R3BB01# ±0.5pF GJM022C1C6R4WB01# ±0.5pF GJM022C1C6R5WB01# | | | | | ±0.25pF | GJM0222C1C5R6CB01# | |
| #0.1pF | | | | | ±0.5pF | GJM0222C1C5R6DB01# | |
| #0.25pF GJM0222C1C5R7CB01# #0.5pF GJM0222C1C5R8WB01# #0.1pF GJM0222C1C5R8BB01# #0.25pF GJM0222C1C5R8BB01# #0.5pF GJM0222C1C5R8BB01# #0.5pF GJM0222C1C5R8BB01# #0.5pF GJM0222C1C5R9WB01# #0.1pF GJM0222C1C5R9BB01# #0.25pF GJM0222C1C5R9BB01# #0.5pF GJM0222C1C5R9BB01# #0.5pF GJM0222C1C5R9BB01# #0.5pF GJM0222C1C5R9BB01# #0.5pF GJM0222C1C5R9BB01# #0.1pF GJM0222C1C6R0BB01# #0.5pF GJM0222C1C6R0BB01# #0.5pF GJM0222C1C6R0BB01# #0.5pF GJM0222C1C6R0BB01# #0.5pF GJM0222C1C6R0BB01# #0.5pF GJM0222C1C6R1BB01# #0.5pF GJM0222C1C6R1BB01# #0.5pF GJM0222C1C6R1BB01# #0.5pF GJM0222C1C6R2BB01# #0.5pF GJM0222C1C6R2BB01# #0.5pF GJM0222C1C6R2BB01# #0.5pF GJM0222C1C6R3BB01# #0.5pF GJM0222C1C6R3BB01# #0.5pF GJM0222C1C6R3BB01# #0.5pF GJM022C1C6R3BB01# #0.5pF GJM022C1C6R3BB01# #0.5pF GJM022C1C6R4BB01# #0.5pF GJM022C1C6R4BB01# #0.5pF GJM022C1C6R4BB01# #0.5pF GJM022C1C6R4BB01# #0.5pF GJM022C1C6R4BB01# #0.5pF GJM022C1C6R4BB01# #0.5pF GJM022C1C6R5BB01# | | | | 5.7pF | ±0.05pF | GJM0222C1C5R7WB01# | |
| ### 10.5pF GJM0222C1C5R7DB01# ### 10.5pF GJM022C1C5R8WB01# ### 10.5pF GJM022C1C5R8WB01# ### 10.5pF GJM022C1C5R8WB01# ### 10.5pF GJM022C1C5R8WB01# ### 10.5pF GJM022C1C5R9WB01# ### 10.5pF GJM022C1C5R0WB01# ### 10.5pF GJM022C1C5R0WB01# ### 10.5pF GJM022C1C6R0WB01# ### 10.5pF GJM022C1C6R0WB01# ### 10.5pF GJM022C1C6R0WB01# ### 10.5pF GJM022C1C6R1WB01# ### 10.5pF GJM022C1C6R1WB01# ### 10.5pF GJM022C1C6R1WB01# ### 10.5pF GJM022C1C6R2WB01# ### 10.5pF GJM022C1C6R2WB01# ### 10.5pF GJM022C1C6R2WB01# ### 10.5pF GJM022C1C6R3WB01# ### 10.5pF GJM022C1C6R4WB01# ### 10.5pF GJM022C1C6R5WB01# ### 10.5pF GJM022C1C6R5WB01# ### 10.5pF GJM022C1C6R5WB01# #### 10.5pF GJM022C1C6R5WB01# ################################### | | | | | ±0.1pF | GJM0222C1C5R7BB01# | |
| 5.8pF | | | | | ±0.25pF | GJM0222C1C5R7CB01# | |
| ### ################################## | | | | | ±0.5pF | GJM0222C1C5R7DB01# | |
| #0.25pF GJM0222C1C5R8CB01# #0.5pF GJM022C1C5R9WB01# #0.1pF GJM022C1C5R9WB01# #0.25pF GJM022C1C5R9WB01# #0.25pF GJM022C1C5R9WB01# #0.25pF GJM022C1C5R9WB01# #0.5pF GJM022C1C5R9DB01# #0.5pF GJM022C1C6R0WB01# #0.1pF GJM022C1C6R0WB01# #0.25pF GJM022C1C6R0BB01# #0.5pF GJM022C1C6R0DB01# #0.5pF GJM022C1C6R0DB01# #0.1pF GJM022C1C6R1WB01# #0.1pF GJM022C1C6R1WB01# #0.25pF GJM022C1C6R1BB01# #0.5pF GJM022C1C6R1DB01# #0.5pF GJM022C1C6R1DB01# #0.5pF GJM022C1C6R2BB01# #0.25pF GJM022C1C6R2BB01# #0.5pF GJM022C1C6R2BB01# #0.5pF GJM022C1C6R3WB01# #0.5pF GJM022C1C6R3WB01# #0.5pF GJM022C1C6R3BB01# #0.5pF GJM022C1C6R3BB01# #0.5pF GJM022C1C6R3BB01# #0.5pF GJM022C1C6R4WB01# #0.5pF GJM022C1C6R4BB01# #0.5pF GJM022C1C6R5BB01# | | | | 5.8pF | ±0.05pF | GJM0222C1C5R8WB01# | |
| ### ### ############################## | | | | | ±0.1pF | GJM0222C1C5R8BB01# | |
| 5.9pF ±0.05pF GJM0222C1C5R9BB01# ±0.25pF GJM022C1C5R9BB01# ±0.5pF GJM022C1C5R9BB01# ±0.5pF GJM022C1C5R9BB01# ±0.5pF GJM022C1C6R0WB01# ±0.1pF GJM022C1C6R0BB01# ±0.25pF GJM022C1C6R0BB01# ±0.5pF GJM022C1C6R0BB01# ±0.5pF GJM022C1C6R1WB01# ±0.25pF GJM022C1C6R1BB01# ±0.25pF GJM022C1C6R1BB01# ±0.5pF GJM022C1C6R1BB01# ±0.5pF GJM022C1C6R2BB01# ±0.5pF GJM022C1C6R2BB01# ±0.5pF GJM022C1C6R2BB01# ±0.5pF GJM022C1C6R2BB01# ±0.5pF GJM022C1C6R2BB01# ±0.5pF GJM022C1C6R3WB01# ±0.5pF GJM022C1C6R3WB01# ±0.5pF GJM022C1C6R3BB01# ±0.5pF GJM022C1C6R3BB01# ±0.25pF GJM022C1C6R3BB01# ±0.25pF GJM022C1C6R3BB01# ±0.5pF GJM022C1C6R3BB01# ±0.5pF GJM022C1C6R4WB01# ±0.5pF GJM022C1C6R4BB01# ±0.5pF GJM022C1C6R4BB01# ±0.5pF GJM022C1C6R4BB01# ±0.5pF GJM022C1C6R4BB01# ±0.5pF GJM022C1C6R4BB01# ±0.5pF GJM022C1C6R5BB01# | | | | | ±0.25pF | GJM0222C1C5R8CB01# | |
| #0.1pF GJM0222C1C5R9BB01# #0.25pF GJM0222C1C5R9DB01# #0.5pF GJM0222C1C6R0WB01# #0.1pF GJM022C1C6R0WB01# #0.25pF GJM022C1C6R0BB01# #0.5pF GJM022C1C6R0BB01# #0.5pF GJM022C1C6R0BB01# #0.5pF GJM022C1C6R0BB01# #0.1pF GJM022C1C6R1WB01# #0.1pF GJM022C1C6R1BB01# #0.25pF GJM022C1C6R1BB01# #0.5pF GJM022C1C6R1BB01# #0.5pF GJM022C1C6R1BB01# #0.5pF GJM022C1C6R2WB01# #0.1pF GJM022C1C6R2WB01# #0.25pF GJM022C1C6R2BB01# #0.5pF GJM022C1C6R2BB01# #0.5pF GJM022C1C6R3WB01# #0.5pF GJM022C1C6R3WB01# #0.1pF GJM022C1C6R3BB01# #0.5pF GJM022C1C6R3BB01# #0.5pF GJM022C1C6R3BB01# #0.5pF GJM022C1C6R3BB01# #0.5pF GJM022C1C6R4WB01# #0.5pF GJM022C1C6R4WB01# #0.5pF GJM022C1C6R4BB01# #0.5pF GJM022C1C6R4BB01# #0.5pF GJM022C1C6R4BB01# #0.5pF GJM022C1C6R4BB01# #0.5pF GJM022C1C6R5BB01# | | | | | ±0.5pF | GJM0222C1C5R8DB01# | |
| #0.25pF GJM0222C1C5R9CB01# #0.5pF GJM0222C1C5R9DB01# #0.1pF GJM0222C1C6R0WB01# #0.1pF GJM022C1C6R0BB01# #0.5pF GJM022C1C6R0CB01# #0.5pF GJM022C1C6R0DB01# #0.1pF GJM022C1C6R1WB01# #0.1pF GJM022C1C6R1BB01# #0.5pF GJM022C1C6R1BB01# #0.5pF GJM022C1C6R1DB01# #0.5pF GJM022C1C6R1DB01# #0.5pF GJM022C1C6R2WB01# #0.1pF GJM022C1C6R2WB01# #0.5pF GJM022C1C6R2BB01# #0.5pF GJM022C1C6R2BB01# #0.5pF GJM022C1C6R3WB01# #0.1pF GJM022C1C6R3WB01# #0.1pF GJM022C1C6R3BB01# #0.5pF GJM022C1C6R3BB01# #0.5pF GJM022C1C6R3CB01# #0.5pF GJM022C1C6R3CB01# #0.5pF GJM022C1C6R3CB01# #0.5pF GJM022C1C6R4WB01# #0.1pF GJM022C1C6R4WB01# #0.1pF GJM022C1C6R4WB01# #0.5pF GJM022C1C6R4CB01# #0.5pF GJM022C1C6R4CB01# #0.5pF GJM022C1C6R5BB01# #0.5pF GJM022C1C6R5BB01# #0.5pF GJM022C1C6R5BB01# #0.5pF GJM022C1C6R5BB01# #0.5pF GJM022C1C6R5CB01# | | | | 5.9pF | ±0.05pF | GJM0222C1C5R9WB01# | |
| ### ### ############################## | | | | | ±0.1pF | GJM0222C1C5R9BB01# | |
| 6.0pF ±0.05pF GJM0222C1C6R0WB01# ±0.1pF GJM0222C1C6R0BB01# ±0.25pF GJM0222C1C6R0DB01# ±0.5pF GJM0222C1C6R1WB01# ±0.25pF GJM0222C1C6R1WB01# ±0.25pF GJM0222C1C6R1DB01# ±0.5pF GJM0222C1C6R1DB01# ±0.5pF GJM0222C1C6R1DB01# ±0.5pF GJM022C1C6R2WB01# ±0.5pF GJM022C1C6R2BB01# ±0.5pF GJM022C1C6R2BB01# ±0.5pF GJM022C1C6R3WB01# ±0.5pF GJM022C1C6R3WB01# ±0.5pF GJM022C1C6R3WB01# ±0.5pF GJM022C1C6R3BB01# ±0.25pF GJM022C1C6R3BB01# ±0.25pF GJM022C1C6R3BB01# ±0.5pF GJM022C1C6R3BB01# ±0.5pF GJM022C1C6R3DB01# ±0.5pF GJM022C1C6R3CB01# ±0.5pF GJM022C1C6R4WB01# ±0.5pF GJM022C1C6R4WB01# ±0.5pF GJM022C1C6R4CB01# ±0.5pF GJM022C1C6R4CB01# ±0.5pF GJM022C1C6R4DB01# ±0.5pF GJM022C1C6R5DB01# | | | | | ±0.25pF | GJM0222C1C5R9CB01# | |
| ### ################################## | | | | | ±0.5pF | GJM0222C1C5R9DB01# | |
| # ±0.25pF GJM0222C1C6R0CB01# ±0.5pF GJM0222C1C6R1WB01# ±0.1pF GJM0222C1C6R1BB01# ±0.25pF GJM0222C1C6R1CB01# ±0.5pF GJM0222C1C6R1CB01# ±0.5pF GJM0222C1C6R1CB01# ±0.5pF GJM0222C1C6R2WB01# ±0.1pF GJM0222C1C6R2BB01# ±0.5pF GJM0222C1C6R2BB01# ±0.5pF GJM0222C1C6R2WB01# ±0.5pF GJM0222C1C6R3WB01# ±0.1pF GJM0222C1C6R3WB01# ±0.25pF GJM0222C1C6R3CB01# ±0.5pF GJM0222C1C6R3CB01# ±0.5pF GJM0222C1C6R3CB01# ±0.5pF GJM0222C1C6R4WB01# ±0.5pF GJM0222C1C6R4WB01# ±0.5pF GJM0222C1C6R4CB01# ±0.5pF GJM0222C1C6R4CB01# ±0.5pF GJM0222C1C6R4CB01# ±0.5pF GJM0222C1C6R5CB01# ±0.5pF GJM0222C1C6R5DB01# ±0.5pF GJM0222C1C6R6WB01# | | | | 6.0pF | ±0.05pF | GJM0222C1C6R0WB01# | |
| ### ### ############################## | | | | | ±0.1pF | GJM0222C1C6R0BB01# | |
| 6.1pF | | | | | ±0.25pF | GJM0222C1C6R0CB01# | |
| ### ################################## | | | | | ±0.5pF | GJM0222C1C6R0DB01# | |
| #0.25pF GJM0222C1C6R1CB01# #0.5pF GJM0222C1C6R2WB01# #0.1pF GJM0222C1C6R2BB01# #0.25pF GJM0222C1C6R2CB01# #0.5pF GJM0222C1C6R2CB01# #0.5pF GJM0222C1C6R3WB01# #0.1pF GJM0222C1C6R3WB01# #0.1pF GJM0222C1C6R3BB01# #0.25pF GJM0222C1C6R3CB01# #0.5pF GJM0222C1C6R3CB01# #0.5pF GJM0222C1C6R4WB01# #0.1pF GJM0222C1C6R4WB01# #0.1pF GJM0222C1C6R4CB01# #0.5pF GJM0222C1C6R4CB01# #0.5pF GJM0222C1C6R4CB01# #0.5pF GJM0222C1C6R5CB01# #0.5pF GJM0222C1C6R5CB01# #0.1pF GJM0222C1C6R5CB01# #0.25pF GJM0222C1C6R5CB01# #0.5pF GJM0222C1C6R5CB01# #0.5pF GJM0222C1C6R5CB01# #0.5pF GJM0222C1C6R5DB01# #0.5pF GJM0222C1C6R5DB01# #0.5pF GJM0222C1C6R5DB01# | | | | 6.1pF | ±0.05pF | GJM0222C1C6R1WB01# | |
| ### ################################## | | | | | ±0.1pF | GJM0222C1C6R1BB01# | |
| 6.2pF ±0.05pF GJM0222C1C6R2WB01# ±0.1pF GJM0222C1C6R2BB01# ±0.25pF GJM0222C1C6R2CB01# ±0.5pF GJM0222C1C6R3WB01# ±0.1pF GJM0222C1C6R3WB01# ±0.25pF GJM0222C1C6R3BB01# ±0.5pF GJM0222C1C6R3DB01# ±0.5pF GJM0222C1C6R4BB01# ±0.1pF GJM0222C1C6R4BB01# ±0.25pF GJM0222C1C6R4CB01# ±0.5pF GJM0222C1C6R4CB01# ±0.5pF GJM0222C1C6R4DB01# ±0.5pF GJM0222C1C6R4DB01# ±0.5pF GJM0222C1C6R5DB01# | | | | | ±0.25pF | GJM0222C1C6R1CB01# | |
| #0.1pF GJM0222C1C6R2BB01# #0.25pF GJM0222C1C6R2CB01# #0.5pF GJM0222C1C6R2CB01# #0.5pF GJM0222C1C6R3WB01# #0.1pF GJM0222C1C6R3WB01# #0.25pF GJM0222C1C6R3CB01# #0.5pF GJM0222C1C6R3CB01# #0.5pF GJM0222C1C6R3DB01# #0.1pF GJM0222C1C6R4WB01# #0.1pF GJM0222C1C6R4CB01# #0.5pF GJM0222C1C6R4CB01# #0.5pF GJM0222C1C6R4DB01# #0.5pF GJM0222C1C6R5CB01# #0.5pF GJM0222C1C6R5CB01# #0.5pF GJM0222C1C6R5CB01# #0.5pF GJM0222C1C6R5CB01# #0.5pF GJM0222C1C6R5DB01# #0.5pF GJM0222C1C6R5DB01# | | | | | ±0.5pF | GJM0222C1C6R1DB01# | |
| # ±0.25pF GJM0222C1C6R2CB01# ±0.5pF GJM0222C1C6R3WB01# ±0.1pF GJM0222C1C6R3WB01# ±0.25pF GJM0222C1C6R3BB01# ±0.5pF GJM0222C1C6R3WB01# ±0.5pF GJM0222C1C6R3WB01# ±0.1pF GJM0222C1C6R4WB01# ±0.25pF GJM0222C1C6R4WB01# ±0.25pF GJM0222C1C6R4CB01# ±0.5pF GJM0222C1C6R5WB01# ±0.5pF GJM0222C1C6R5WB01# ±0.1pF GJM0222C1C6R5WB01# ±0.25pF GJM0222C1C6R5WB01# ±0.25pF GJM0222C1C6R5WB01# ±0.5pF GJM0222C1C6R5CB01# ±0.5pF GJM0222C1C6R5DB01# ±0.5pF GJM0222C1C6R5DB01# ±0.5pF GJM0222C1C6R5DB01# ±0.5pF GJM0222C1C6R5DB01# ±0.5pF GJM0222C1C6R5DB01# ±0.5pF GJM0222C1C6R6WB01# | | | | 6.2pF | ±0.05pF | GJM0222C1C6R2WB01# | |
| #0.5pF GJM0222C1C6R2DB01# 6.3pF #0.05pF GJM0222C1C6R3WB01# #0.1pF GJM0222C1C6R3BB01# #0.5pF GJM0222C1C6R3DB01# #0.5pF GJM0222C1C6R3DB01# #0.5pF GJM0222C1C6R4WB01# #0.1pF GJM0222C1C6R4BB01# #0.25pF GJM0222C1C6R4CB01# #0.5pF GJM0222C1C6R4DB01# #0.5pF GJM0222C1C6R5BB01# #0.1pF GJM0222C1C6R5BB01# #0.1pF GJM0222C1C6R5BB01# #0.5pF GJM0222C1C6R5BB01# #0.5pF GJM0222C1C6R5DB01# #0.5pF GJM0222C1C6R5DB01# #0.5pF GJM0222C1C6R5DB01# | | | | | ±0.1pF | GJM0222C1C6R2BB01# | |
| 6.3pF ±0.05pF GJM0222C1C6R3WB01# ±0.1pF GJM0222C1C6R3BB01# ±0.25pF GJM0222C1C6R3DB01# ±0.5pF GJM0222C1C6R3DB01# ±0.05pF GJM0222C1C6R4WB01# ±0.1pF GJM0222C1C6R4BB01# ±0.25pF GJM0222C1C6R4CB01# ±0.5pF GJM0222C1C6R4DB01# ±0.5pF GJM0222C1C6R5BB01# ±0.1pF GJM0222C1C6R5BB01# ±0.1pF GJM0222C1C6R5DB01# ±0.25pF GJM0222C1C6R5DB01# ±0.5pF GJM0222C1C6R5DB01# | | | | | ±0.25pF | GJM0222C1C6R2CB01# | |
| #0.1pF GJM0222C1C6R3BB01# #0.25pF GJM0222C1C6R3CB01# #0.5pF GJM0222C1C6R3DB01# #0.5pF GJM0222C1C6R4WB01# #0.1pF GJM0222C1C6R4WB01# #0.25pF GJM0222C1C6R4CB01# #0.5pF GJM0222C1C6R4CB01# #0.5pF GJM0222C1C6R5WB01# #0.1pF GJM0222C1C6R5BB01# #0.1pF GJM0222C1C6R5CB01# #0.5pF GJM0222C1C6R5CB01# #0.5pF GJM0222C1C6R5DB01# #0.5pF GJM0222C1C6R5DB01# | | | | | ±0.5pF | GJM0222C1C6R2DB01# | |
| ±0.25pF GJM0222C1C6R3CB01# ±0.5pF GJM0222C1C6R3DB01# 6.4pF ±0.05pF GJM0222C1C6R4WB01# ±0.1pF GJM0222C1C6R4BB01# ±0.25pF GJM0222C1C6R4CB01# ±0.5pF GJM0222C1C6R4DB01# ±0.5pF GJM0222C1C6R5WB01# ±0.1pF GJM0222C1C6R5BB01# ±0.25pF GJM0222C1C6R5CB01# ±0.5pF GJM0222C1C6R5DB01# ±0.5pF GJM0222C1C6R5DB01# ±0.5pF GJM0222C1C6R5DB01# | | | | 6.3pF | ±0.05pF | GJM0222C1C6R3WB01# | |
| #0.5pF GJM0222C1C6R3DB01# 6.4pF #0.05pF GJM0222C1C6R4WB01# #0.1pF GJM0222C1C6R4BB01# #0.25pF GJM0222C1C6R4CB01# #0.5pF GJM0222C1C6R4DB01# #0.5pF GJM0222C1C6R5WB01# #0.1pF GJM0222C1C6R5BB01# #0.25pF GJM0222C1C6R5CB01# #0.5pF GJM0222C1C6R5DB01# #0.5pF GJM0222C1C6R5DB01# #0.5pF GJM0222C1C6R5DB01# | | | | | ±0.1pF | GJM0222C1C6R3BB01# | |
| 6.4pF ±0.05pF GJM0222C1C6R4WB01# ±0.1pF GJM0222C1C6R4BB01# ±0.25pF GJM0222C1C6R4CB01# ±0.5pF GJM0222C1C6R4DB01# ±0.05pF GJM0222C1C6R5WB01# ±0.1pF GJM0222C1C6R5BB01# ±0.25pF GJM0222C1C6R5CB01# ±0.5pF GJM0222C1C6R5DB01# ±0.5pF GJM0222C1C6R5DB01# ±0.05pF GJM0222C1C6R6WB01# | | | | | ±0.25pF | GJM0222C1C6R3CB01# | |
| ±0.1pF GJM0222C1C6R4BB01# ±0.25pF GJM0222C1C6R4CB01# ±0.5pF GJM0222C1C6R5WB01# ±0.05pF GJM0222C1C6R5WB01# ±0.1pF GJM0222C1C6R5BB01# ±0.25pF GJM0222C1C6R5CB01# ±0.5pF GJM0222C1C6R5DB01# ±0.5pF GJM0222C1C6R5DB01# | | | | | ±0.5pF | GJM0222C1C6R3DB01# | |
| ±0.25pF GJM0222C1C6R4CB01# ±0.5pF GJM0222C1C6R4DB01# 6.5pF ±0.05pF GJM0222C1C6R5WB01# ±0.1pF GJM0222C1C6R5BB01# ±0.25pF GJM0222C1C6R5CB01# ±0.5pF GJM0222C1C6R5DB01# ±0.5pF GJM0222C1C6R5DB01# | | | | 6.4pF | ±0.05pF | GJM0222C1C6R4WB01# | |
| ±0.5pF GJM0222C1C6R4DB01# 6.5pF ±0.05pF GJM0222C1C6R5WB01# ±0.1pF GJM0222C1C6R5BB01# ±0.25pF GJM0222C1C6R5CB01# ±0.5pF GJM0222C1C6R5DB01# ±0.05pF GJM0222C1C6R6WB01# | | | | | ±0.1pF | GJM0222C1C6R4BB01# | |
| 6.5pF ±0.05pF GJM0222C1C6R5WB01# ±0.1pF GJM0222C1C6R5BB01# ±0.25pF GJM0222C1C6R5CB01# ±0.5pF GJM0222C1C6R5DB01# 6.6pF ±0.05pF GJM0222C1C6R6WB01# | | | | | ±0.25pF | GJM0222C1C6R4CB01# | |
| ±0.1pF GJM0222C1C6R5BB01# ±0.25pF GJM0222C1C6R5CB01# ±0.5pF GJM0222C1C6R5DB01# 6.6pF ±0.05pF GJM0222C1C6R6WB01# | | | | | ±0.5pF | GJM0222C1C6R4DB01# | |
| ±0.25pF GJM0222C1C6R5CB01# ±0.5pF GJM0222C1C6R5DB01# 6.6pF ±0.05pF GJM0222C1C6R6WB01# | | | | 6.5pF | ±0.05pF | GJM0222C1C6R5WB01# | |
| ±0.5pF GJM0222C1C6R5DB01# 6.6pF ±0.05pF GJM0222C1C6R6WB01# | | | | | ±0.1pF | GJM0222C1C6R5BB01# | |
| 6.6pF ±0.05pF GJM0222C1C6R6WB01# | | | | | ±0.25pF | GJM0222C1C6R5CB01# | |
| | | | | | ±0.5pF | GJM0222C1C6R5DB01# | |
| ±0.1pF GJM0222C1C6R6BB01# | | | | 6.6pF | ±0.05pF | GJM0222C1C6R6WB01# | |
| | | | | | ±0.1pF | GJM0222C1C6R6BB01# | |



| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number |
|-----------|------------------|------------|-------|-------------------|--|
| 0.22mm | 16Vdc | СН | 6.6pF | ±0.25pF | GJM0222C1C6R6CB01# |
| | | | | ±0.5pF | GJM0222C1C6R6DB01# |
| | | | 6.7pF | ±0.05pF | GJM0222C1C6R7WB01# |
| | | | | ±0.1pF | GJM0222C1C6R7BB01# |
| | | | | ±0.25pF | GJM0222C1C6R7CB01# |
| | | | | ±0.5pF | GJM0222C1C6R7DB01# |
| | | | 6.8pF | ±0.05pF | GJM0222C1C6R8WB01# |
| | | | • | ±0.1pF | GJM0222C1C6R8BB01# |
| | | | | | GJM0222C1C6R8CB01# |
| | | | | ±0.5pF | GJM0222C1C6R8DB01# |
| | | | 6.9pF | - | GJM0222C1C6R9WB01# |
| | | | 0.5pi | ±0.1pF | GJM0222C1C6R9BB01# |
| | | | | | GJM0222C1C6R9CB01# |
| | | | | ±0.25pF | |
| | | | 70.5 | ±0.5pF | GJM0222C1C6R9DB01# |
| | | | 7.0pF | ±0.05pF | GJM0222C1C7R0WB01# |
| | | | | ±0.1pF | GJM0222C1C7R0BB01# |
| | | | | ±0.25pF | GJM0222C1C7R0CB01# |
| | | | | ±0.5pF | GJM0222C1C7R0DB01# |
| | | | 7.1pF | ±0.05pF | GJM0222C1C7R1WB01# |
| | | | | ±0.1pF | GJM0222C1C7R1BB01# |
| | | | | ±0.25pF | GJM0222C1C7R1CB01# |
| | | | | ±0.5pF | GJM0222C1C7R1DB01# |
| | | | 7.2pF | ±0.05pF | GJM0222C1C7R2WB01# |
| | | | | ±0.1pF | GJM0222C1C7R2BB01# |
| | | | | ±0.25pF | GJM0222C1C7R2CB01# |
| | | | | ±0.5pF | GJM0222C1C7R2DB01# |
| | | | 7.3pF | ±0.05pF | GJM0222C1C7R3WB01# |
| | | | · | ±0.1pF | GJM0222C1C7R3BB01# |
| | | | | ±0.25pF | GJM0222C1C7R3CB01# |
| | | | | ±0.5pF | GJM0222C1C7R3DB01# |
| | | | 7.4pF | ±0.05pF | GJM0222C1C7R4WB01# |
| | | | 7трі | ±0.1pF | GJM0222C1C7R4BB01# |
| | | | | | |
| | | | | ±0.25pF | GJM0222C1C7R4CB01# |
| | | | 75.5 | ±0.5pF | GJM0222C1C7R4DB01# |
| | | | 7.5pF | - | GJM0222C1C7R5WB01# |
| | | | | ±0.1pF | GJM0222C1C7R5BB01# |
| | | | | ±0.25pF | GJM0222C1C7R5CB01# |
| | | | | ±0.5pF | GJM0222C1C7R5DB01# |
| | | | 7.6pF | ±0.05pF | GJM0222C1C7R6WB01# |
| | | | | ±0.1pF | GJM0222C1C7R6BB01# |
| | | | | ±0.25pF | GJM0222C1C7R6CB01# |
| | | | | ±0.5pF | GJM0222C1C7R6DB01# |
| | | | 7.7pF | ±0.05pF | GJM0222C1C7R7WB01# |
| | | | | ±0.1pF | GJM0222C1C7R7BB01# |
| | | | | ±0.25pF | GJM0222C1C7R7CB01# |
| | | | | ±0.5pF | GJM0222C1C7R7DB01# |
| | | | 7.8pF | ±0.05pF | GJM0222C1C7R8WB01# |
| | | | | ±0.1pF | GJM0222C1C7R8BB01# |
| | | | | ±0.25pF | GJM0222C1C7R8CB01# |
| | | | | - | GJM0222C1C7R8DB01# |
| | | | 7.05 | ±0.5pF | |
| | | 1 | 7.9pF | ±0.05pF | GJM0222C1C7R9WB01# |
| | | | | 101 = | O 1140000040770777 |
| | | | | ±0.1pF ±0.25pF | GJM0222C1C7R9BB01# GJM0222C1C7R9CB01# |

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number | |
|-----------|------------------|------------|-------|---------|--------------------|--|
| 0.22mm | 16Vdc | СН | 8.0pF | ±0.05pF | GJM0222C1C8R0WB01# | |
| | | | | ±0.1pF | GJM0222C1C8R0BB01# | |
| | | | | ±0.25pF | GJM0222C1C8R0CB01# | |
| | | | | ±0.5pF | GJM0222C1C8R0DB01# | |
| | | | 8.1pF | ±0.05pF | GJM0222C1C8R1WB01# | |
| | | | | ±0.1pF | GJM0222C1C8R1BB01# | |
| | | | | ±0.25pF | GJM0222C1C8R1CB01# | |
| | | | | ±0.5pF | GJM0222C1C8R1DB01# | |
| | | | 8.2pF | ±0.05pF | GJM0222C1C8R2WB01# | |
| | | | | ±0.1pF | GJM0222C1C8R2BB01# | |
| | | | | ±0.25pF | GJM0222C1C8R2CB01# | |
| | | | | ±0.5pF | GJM0222C1C8R2DB01# | |
| | | | 8.3pF | ±0.05pF | GJM0222C1C8R3WB01# | |
| | | | | ±0.1pF | GJM0222C1C8R3BB01# | |
| | | | | ±0.25pF | GJM0222C1C8R3CB01# | |
| | | | | ±0.5pF | GJM0222C1C8R3DB01# | |
| | | | 8.4pF | ±0.05pF | GJM0222C1C8R4WB01# | |
| | | | | ±0.1pF | GJM0222C1C8R4BB01# | |
| | | | | ±0.25pF | GJM0222C1C8R4CB01# | |
| | | | | ±0.5pF | GJM0222C1C8R4DB01# | |
| | | | 8.5pF | ±0.05pF | GJM0222C1C8R5WB01# | |
| | | | | ±0.1pF | GJM0222C1C8R5BB01# | |
| | | | | ±0.25pF | GJM0222C1C8R5CB01# | |
| | | | | ±0.5pF | GJM0222C1C8R5DB01# | |
| | | | 8.6pF | ±0.05pF | GJM0222C1C8R6WB01# | |
| | | | | ±0.1pF | GJM0222C1C8R6BB01# | |
| | | | | ±0.25pF | GJM0222C1C8R6CB01# | |
| | | | | ±0.5pF | GJM0222C1C8R6DB01# | |
| | | | 8.7pF | ±0.05pF | GJM0222C1C8R7WB01# | |
| | | | | ±0.1pF | GJM0222C1C8R7BB01# | |
| | | | | ±0.25pF | GJM0222C1C8R7CB01# | |
| | | | | ±0.5pF | GJM0222C1C8R7DB01# | |
| | | | 8.8pF | ±0.05pF | GJM0222C1C8R8WB01# | |
| | | | | ±0.1pF | GJM0222C1C8R8BB01# | |
| | | | | ±0.25pF | GJM0222C1C8R8CB01# | |
| | | | | ±0.5pF | GJM0222C1C8R8DB01# | |
| | | | 8.9pF | ±0.05pF | GJM0222C1C8R9WB01# | |
| | | | | ±0.1pF | GJM0222C1C8R9BB01# | |
| | | | | ±0.25pF | GJM0222C1C8R9CB01# | |
| | | | | ±0.5pF | GJM0222C1C8R9DB01# | |
| | | | 9.0pF | ±0.05pF | GJM0222C1C9R0WB01# | |
| | | | | ±0.1pF | GJM0222C1C9R0BB01# | |
| | | | | ±0.25pF | GJM0222C1C9R0CB01# | |
| | | | | ±0.5pF | GJM0222C1C9R0DB01# | |
| | | | 9.1pF | ±0.05pF | GJM0222C1C9R1WB01# | |
| | | | | ±0.1pF | GJM0222C1C9R1BB01# | |
| | | | | ±0.25pF | GJM0222C1C9R1CB01# | |
| | | | | ±0.5pF | GJM0222C1C9R1DB01# | |
| | | | 9.2pF | ±0.05pF | GJM0222C1C9R2WB01# | |
| | | | | ±0.1pF | GJM0222C1C9R2BB01# | |
| | | | | ±0.25pF | GJM0222C1C9R2CB01# | |
| | | | | ±0.5pF | GJM0222C1C9R2DB01# | |
| | | | 9.3pF | ±0.05pF | GJM0222C1C9R3WB01# | |
| | | | | ±0.1pF | GJM0222C1C9R3BB01# | |

Т

max. 0.33mm Rated

Voltage

25Vdc

TC

Code

COG

Cap.

1.1pF

1.2pF

1.4pF

Tol.

±0.25pF

±0.05pF

±0.1pF ±0.25pF

±0.05pF

±0.1pF ±0.25pF

±0.05pF

±0.1pF

±0.25pF

±0.05pF

±0.1pF ±0.25pF Part Number

GJM0335C1E1R1CB01#

GJM0335C1E1R2WB01#

GJM0335C1E1R2BB01#

GJM0335C1E1R2CB01#

GJM0335C1E1R3WB01# GJM0335C1E1R3BB01#

GJM0335C1E1R3CB01# GJM0335C1E1R4WB01#

GJM0335C1E1R4BB01# GJM0335C1E1R4CB01#

GJM0335C1E1R5WB01#

GJM0335C1E1R5BB01#

GJM0335C1E1R5CB01#

| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number |
|-----------|------------------|------------|-------|---------|--------------------|
| 0.22mm | 16Vdc | СН | 9.3pF | ±0.25pF | GJM0222C1C9R3CB01# |
| | | | | ±0.5pF | GJM0222C1C9R3DB01# |
| | | | 9.4pF | ±0.05pF | GJM0222C1C9R4WB01# |
| | | | | ±0.1pF | GJM0222C1C9R4BB01# |
| | | | | ±0.25pF | GJM0222C1C9R4CB01# |
| | | | | ±0.5pF | GJM0222C1C9R4DB01# |
| | | | 9.5pF | ±0.05pF | GJM0222C1C9R5WB01# |
| | | | | ±0.1pF | GJM0222C1C9R5BB01# |
| | | | | ±0.25pF | GJM0222C1C9R5CB01# |
| | | | | ±0.5pF | GJM0222C1C9R5DB01# |
| | | | 9.6pF | ±0.05pF | GJM0222C1C9R6WB01# |
| | | | | ±0.1pF | GJM0222C1C9R6BB01# |
| | | | | ±0.25pF | GJM0222C1C9R6CB01# |
| | | | | ±0.5pF | GJM0222C1C9R6DB01# |
| | | | 9.7pF | ±0.05pF | GJM0222C1C9R7WB01# |
| | | | | ±0.1pF | GJM0222C1C9R7BB01# |
| | | | | ±0.25pF | GJM0222C1C9R7CB01# |
| | | | | ±0.5pF | GJM0222C1C9R7DB01# |
| | | | 9.8pF | ±0.05pF | GJM0222C1C9R8WB01# |
| | | | | ±0.1pF | GJM0222C1C9R8BB01# |
| | | | | ±0.25pF | GJM0222C1C9R8CB01# |
| | | | | ±0.5pF | GJM0222C1C9R8DB01# |
| | | | 9.9pF | ±0.05pF | GJM0222C1C9R9WB01# |
| | | | | ±0.1pF | GJM0222C1C9R9BB01# |
| | | | | ±0.25pF | GJM0222C1C9R9CB01# |
| | | | | ±0.5pF | GJM0222C1C9R9DB01# |
| | | | 10pF | ±2% | GJM0222C1C100GB01# |
| | | | | ±5% | GJM0222C1C100JB01# |

| | 0.6×0.3mm | Ultra- compac |
|---|-----------|------------------|
| _ | | Compac |

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number |
|-----------|------------------|------------|-------|---------|--------------------|
| 0.33mm | 25Vdc | COG | 0.2pF | ±0.05pF | GJM0335C1ER20WB01# |
| | | | | ±0.1pF | GJM0335C1ER20BB01# |
| | | | 0.3pF | ±0.05pF | GJM0335C1ER30WB01# |
| | | | | ±0.1pF | GJM0335C1ER30BB01# |
| | | | 0.4pF | ±0.05pF | GJM0335C1ER40WB01# |
| | | | | ±0.1pF | GJM0335C1ER40BB01# |
| | | | 0.5pF | ±0.05pF | GJM0335C1ER50WB01# |
| | | | | ±0.1pF | GJM0335C1ER50BB01# |
| | | | 0.6pF | ±0.05pF | GJM0335C1ER60WB01# |
| | | | | ±0.1pF | GJM0335C1ER60BB01# |
| | | | 0.7pF | ±0.05pF | GJM0335C1ER70WB01# |
| | | | | ±0.1pF | GJM0335C1ER70BB01# |
| | | | 0.8pF | ±0.05pF | GJM0335C1ER80WB01# |
| | | | | ±0.1pF | GJM0335C1ER80BB01# |
| | | | 0.9pF | ±0.05pF | GJM0335C1ER90WB01# |
| | | | | ±0.1pF | GJM0335C1ER90BB01# |
| | | | 1.0pF | ±0.05pF | GJM0335C1E1R0WB01# |
| | | | | ±0.1pF | GJM0335C1E1R0BB01# |
| | | | | ±0.25pF | GJM0335C1E1R0CB01# |
| | | | 1.1pF | ±0.05pF | GJM0335C1E1R1WB01# |
| | | | | ±0.1pF | GJM0335C1E1R1BB01# |

| 1.6pF | ±0.05pF | GJM0335C1E1R6WB01# | |
|----------|--------------|---------------------------------|-------|
| | ±0.1pF | GJM0335C1E1R6BB01# | |
| | ±0.25pF | GJM0335C1E1R6CB01# | |
| 1.7pF | ±0.05pF | GJM0335C1E1R7WB01# | |
| | ±0.1pF | GJM0335C1E1R7BB01# | |
| | ±0.25pF | GJM0335C1E1R7CB01# | |
| 1.8pF | ±0.05pF | GJM0335C1E1R8WB01# | |
| | ±0.1pF | GJM0335C1E1R8BB01# | |
| | ±0.25pF | GJM0335C1E1R8CB01# | |
| 1.9pF | ±0.05pF | GJM0335C1E1R9WB01# | |
| | ±0.1pF | GJM0335C1E1R9BB01# | |
| | ±0.25pF | GJM0335C1E1R9CB01# | |
| 2.0pF | ±0.05pF | GJM0335C1E2R0WB01# | |
| | ±0.1pF | GJM0335C1E2R0BB01# | |
| | ±0.25pF | GJM0335C1E2R0CB01# | |
| 2.1pF | ±0.05pF | GJM0335C1E2R1WB01# | |
| | ±0.1pF | GJM0335C1E2R1BB01# | |
| | ±0.25pF | GJM0335C1E2R1CB01# | |
| 2.2pF | ±0.05pF | GJM0335C1E2R2WB01# | |
| | ±0.1pF | GJM0335C1E2R2BB01# | |
| | ±0.25pF | GJM0335C1E2R2CB01# | |
| 2.3pF | ±0.05pF | GJM0335C1E2R3WB01# | |
| | ±0.1pF | GJM0335C1E2R3BB01# | |
| | ±0.25pF | GJM0335C1E2R3CB01# | |
| 2.4pF | ±0.05pF | GJM0335C1E2R4WB01# | |
| | ±0.1pF | GJM0335C1E2R4BB01# | |
| | ±0.25pF | GJM0335C1E2R4CB01# | |
| 2.5pF | ±0.05pF | GJM0335C1E2R5WB01# | |
| | ±0.1pF | GJM0335C1E2R5BB01# | |
| | ±0.25pF | GJM0335C1E2R5CB01# | |
| 2.6pF | ±0.05pF | GJM0335C1E2R6WB01# | |
| | ±0.1pF | GJM0335C1E2R6BB01# | |
| | ±0.25pF | GJM0335C1E2R6CB01# | |
| 2.7pF | ±0.05pF | GJM0335C1E2R7WB01# | |
| | ±0.1pF | GJM0335C1E2R7BB01# | |
| | ±0.25pF | GJM0335C1E2R7CB01# | |
| 2.8pF | ±0.05pF | GJM0335C1E2R8WB01# | |
| | ±0.1pF | GJM0335C1E2R8BB01# | |
| | ±0.25pF | GJM0335C1E2R8CB01# | |
| 2.9pF | ±0.05pF | GJM0335C1E2R9WB01# | |
| | ±0.1pF | GJM0335C1E2R9BB01# | |
| Part nur | mber # indic | cates the package specification | code. |



(→ **■** 0.6×0.3mm)

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number |
|-----------|------------------|------------|--------|---------|--------------------|
|).33mm | 25Vdc | COG | 2.9pF | ±0.25pF | GJM0335C1E2R9CB01# |
| | | | 3.0pF | ±0.05pF | GJM0335C1E3R0WB01# |
| | | | | ±0.1pF | GJM0335C1E3R0BB01# |
| | | | | ±0.25pF | GJM0335C1E3R0CB01# |
| | | | 3.1pF | ±0.05pF | GJM0335C1E3R1WB01# |
| | | | | ±0.1pF | GJM0335C1E3R1BB01# |
| | | | | ±0.25pF | GJM0335C1E3R1CB01# |
| | | | 3.2pF | ±0.05pF | GJM0335C1E3R2WB01# |
| | | | | ±0.1pF | GJM0335C1E3R2BB01# |
| | | | | ±0.25pF | GJM0335C1E3R2CB01# |
| | | | 3.3pF | ±0.05pF | GJM0335C1E3R3WB01# |
| | | | • | ±0.1pF | GJM0335C1E3R3BB01# |
| | | | | ±0.25pF | GJM0335C1E3R3CB01# |
| | | | 3.4pF | ±0.05pF | GJM0335C1E3R4WB01# |
| | | | ор. | ±0.1pF | GJM0335C1E3R4BB01# |
| | | | | ±0.25pF | GJM0335C1E3R4CB01# |
| | | | 3.5pF | ±0.25pi | GJM0335C1E3R5WB01# |
| | | | 0.5pi | ±0.05pF | GJM0335C1E3R5BB01# |
| | | | | - | GJM0335C1E3R5CB01# |
| | | | 0.0-5 | ±0.25pF | |
| | | | 3.6pF | ±0.05pF | GJM0335C1E3R6WB01# |
| | | | | ±0.1pF | GJM0335C1E3R6BB01# |
| | | | | ±0.25pF | GJM0335C1E3R6CB01# |
| | | | 3.7pF | ±0.05pF | GJM0335C1E3R7WB01# |
| | | | | ±0.1pF | GJM0335C1E3R7BB01# |
| | | | | ±0.25pF | GJM0335C1E3R7CB01# |
| | | | 3.8pF | ±0.05pF | GJM0335C1E3R8WB01# |
| | | | | ±0.1pF | GJM0335C1E3R8BB01# |
| | | | | ±0.25pF | GJM0335C1E3R8CB01# |
| | | | 3.9pF | ±0.05pF | GJM0335C1E3R9WB01# |
| | | | | ±0.1pF | GJM0335C1E3R9BB01# |
| | | | | ±0.25pF | GJM0335C1E3R9CB01# |
| | | | 4.0pF | ±0.05pF | GJM0335C1E4R0WB01# |
| | | | | ±0.1pF | GJM0335C1E4R0BB01# |
| | | | | ±0.25pF | GJM0335C1E4R0CB01# |
| | | | 4.1pF | ±0.05pF | GJM0335C1E4R1WB01# |
| | | | | ±0.1pF | GJM0335C1E4R1BB01# |
| | | | | ±0.25pF | GJM0335C1E4R1CB01# |
| | | | 4.2pF | ±0.05pF | GJM0335C1E4R2WB01# |
| | | | - | ±0.1pF | GJM0335C1E4R2BB01# |
| | | | | ±0.25pF | GJM0335C1E4R2CB01# |
| | | | 4.3pF | ±0.05pF | GJM0335C1E4R3WB01# |
| | | | r | ±0.1pF | GJM0335C1E4R3BB01# |
| | | | | ±0.25pF | GJM0335C1E4R3CB01# |
| | | | 4.4pF | ±0.05pF | GJM0335C1E4R4WB01# |
| | | | יידףיי | ±0.05pi | GJM0335C1E4R4BB01# |
| | | | | - | |
| | | | 1 En C | ±0.25pF | GJM0335C1E4R4CB01# |
| | | | 4.5pF | ±0.05pF | GJM0335C1E4R5WB01# |
| | | | | ±0.1pF | GJM0335C1E4R5BB01# |
| | | | | ±0.25pF | GJM0335C1E4R5CB01# |
| | | | 4.6pF | ±0.05pF | GJM0335C1E4R6WB01# |
| | | | | ±0.1pF | GJM0335C1E4R6BB01# |
| | | | | ±0.25pF | GJM0335C1E4R6CB01# |
| | | | 4.7pF | ±0.05pF | GJM0335C1E4R7WB01# |
| | | | | ±0.1pF | GJM0335C1E4R7BB01# |

| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number | |
|-----------|------------------|------------|-------------|----------|------------------------------------|---|
| 0.33mm | 25Vdc | COG | 4.7pF | ±0.25pF | GJM0335C1E4R7CB01# | |
| | | | 4.8pF | ±0.05pF | GJM0335C1E4R8WB01# | |
| | | | | ±0.1pF | GJM0335C1E4R8BB01# | |
| | | | | ±0.25pF | GJM0335C1E4R8CB01# | |
| | | | 4.9pF | ±0.05pF | GJM0335C1E4R9WB01# | |
| | | | | ±0.1pF | GJM0335C1E4R9BB01# | |
| | | | | ±0.25pF | GJM0335C1E4R9CB01# | |
| | | | 5.0pF | ±0.05pF | GJM0335C1E5R0WB01# | |
| | | | | ±0.1pF | GJM0335C1E5R0BB01# | |
| | | | | ±0.25pF | GJM0335C1E5R0CB01# | |
| | | | 5.1pF | ±0.05pF | GJM0335C1E5R1WB01# | _ |
| | | | | ±0.1pF | GJM0335C1E5R1BB01# | |
| | | | | ±0.25pF | GJM0335C1E5R1CB01# | _ |
| | | | | ±0.5pF | GJM0335C1E5R1DB01# | _ |
| | | | 5.2pF | ±0.05pF | GJM0335C1E5R2WB01# | |
| | | | P. | ±0.1pF | GJM0335C1E5R2BB01# | _ |
| | | | | ±0.25pF | GJM0335C1E5R2CB01# | _ |
| | | | | ±0.5pF | GJM0335C1E5R2DB01# | _ |
| | | | 5.3pF | ±0.05pF | GJM0335C1E5R3WB01# | _ |
| | | | 0.0pi | ±0.1pF | GJM0335C1E5R3BB01# | _ |
| | | | | <u> </u> | GJM0335C1E5R3CB01# | |
| | | | | ±0.25pF | | _ |
| | | | F 15F | ±0.5pF | GJM0335C1E5R3DB01# | _ |
| | | | 5.4pF | ±0.05pF | GJM0335C1E5R4WB01# | |
| | | | | ±0.1pF | GJM0335C1E5R4BB01# | _ |
| | | | | ±0.25pF | GJM0335C1E5R4CB01# | |
| | | | | ±0.5pF | GJM0335C1E5R4DB01# | |
| | | | 5.5pF | ±0.05pF | GJM0335C1E5R5WB01# | |
| | | | | ±0.1pF | GJM0335C1E5R5BB01# | |
| | | | | ±0.25pF | GJM0335C1E5R5CB01# | |
| | | | | ±0.5pF | GJM0335C1E5R5DB01# | |
| | | | 5.6pF | ±0.05pF | GJM0335C1E5R6WB01# | |
| | | | | ±0.1pF | GJM0335C1E5R6BB01# | |
| | | | | ±0.25pF | GJM0335C1E5R6CB01# | |
| | | | | ±0.5pF | GJM0335C1E5R6DB01# | |
| | | | 5.7pF | ±0.05pF | GJM0335C1E5R7WB01# | |
| | | | | ±0.1pF | GJM0335C1E5R7BB01# | |
| | | | | ±0.25pF | GJM0335C1E5R7CB01# | |
| | | | | ±0.5pF | GJM0335C1E5R7DB01# | |
| | | | 5.8pF | ±0.05pF | GJM0335C1E5R8WB01# | |
| | | | | ±0.1pF | GJM0335C1E5R8BB01# | |
| | | | | ±0.25pF | GJM0335C1E5R8CB01# | |
| | | | | ±0.5pF | GJM0335C1E5R8DB01# | |
| | | | 5.9pF | ±0.05pF | GJM0335C1E5R9WB01# | |
| | | | | ±0.1pF | GJM0335C1E5R9BB01# | |
| | | | | ±0.25pF | GJM0335C1E5R9CB01# | |
| | | | | ±0.5pF | GJM0335C1E5R9DB01# | |
| | | | 6.0pF | ±0.05pF | GJM0335C1E6R0WB01# | |
| | | | | ±0.1pF | GJM0335C1E6R0BB01# | |
| | | | | ±0.25pF | GJM0335C1E6R0CB01# | |
| | | | | ±0.5pF | GJM0335C1E6R0DB01# | |
| | | | 6.1pF | ±0.05pF | GJM0335C1E6R1WB01# | |
| | | | • | ±0.1pF | GJM0335C1E6R1BB01# | _ |
| | | | | ±0.25pF | GJM0335C1E6R1CB01# | _ |
| | | | | ±0.5pF | GJM0335C1E6R1DB01# | _ |
| | | | David 10.11 | | cates the package specification co | _ |

Т

max.

0.33mm 25Vdc

Rated

Voltage

| T | Rated | TC Code | Cap. | Tol. | Part Number |
|--------|---------|------------|----------------|--------------------|---------------------|
| max. | Voltage | | C 0 = F | 10.0EpF | C IMO225C1ECD2WD01# |
| 0.33mm | 25Vdc | C0G | 6.2pF | ±0.05pF | GJM0335C1E6R2WB01# |
| | | | | ±0.1pF | GJM0335C1E6R2BB01# |
| | | | | ±0.25pF | GJM0335C1E6R2CB01# |
| | | | | ±0.5pF | GJM0335C1E6R2DB01# |
| | | | 6.3pF | ±0.05pF | GJM0335C1E6R3WB01# |
| | | | | ±0.1pF | GJM0335C1E6R3BB01# |
| | | | | ±0.25pF | GJM0335C1E6R3CB01# |
| | | | | ±0.5pF | GJM0335C1E6R3DB01# |
| | | | 6.4pF | ±0.05pF | GJM0335C1E6R4WB01# |
| | | | | ±0.1pF | GJM0335C1E6R4BB01# |
| | | | | ±0.25pF | GJM0335C1E6R4CB01# |
| | | | | ±0.5pF | GJM0335C1E6R4DB01# |
| | | | 6.5pF | ±0.05pF | GJM0335C1E6R5WB01# |
| | | | | ±0.1pF | GJM0335C1E6R5BB01# |
| | | | | ±0.25pF | GJM0335C1E6R5CB01# |
| | | | | ±0.5pF | GJM0335C1E6R5DB01# |
| | | | 6.6pF | ±0.05pF | GJM0335C1E6R6WB01# |
| | | | | ±0.1pF | GJM0335C1E6R6BB01# |
| | | | | ±0.1pi | GJM0335C1E6R6CB01# |
| | | | | ±0.5pF | GJM0335C1E6R6DB01# |
| | | | 0.7.5 | - | |
| | | | 6.7pF | ±0.05pF | GJM0335C1E6R7WB01# |
| | | | | ±0.1pF | GJM0335C1E6R7BB01# |
| | | | | ±0.25pF | GJM0335C1E6R7CB01# |
| | | | 0.0-5 | ±0.5pF | GJM0335C1E6R7DB01# |
| | | | 6.8pF | ±0.05pF | GJM0335C1E6R8WB01# |
| | | | | ±0.1pF | GJM0335C1E6R8BB01# |
| | | | | ±0.25pF | GJM0335C1E6R8CB01# |
| | | | | ±0.5pF | GJM0335C1E6R8DB01# |
| | | C0H | 00H 6.9pF | ±0.05pF | GJM0336C1E6R9WB01# |
| | | | | ±0.1pF | GJM0336C1E6R9BB01# |
| | | | | ±0.25pF | GJM0336C1E6R9CB01# |
| | | | | ±0.5pF | GJM0336C1E6R9DB01# |
| | | | 7.0pF | ±0.05pF | GJM0336C1E7R0WB01# |
| | | | | ±0.1pF | GJM0336C1E7R0BB01# |
| | | | | ±0.25pF | GJM0336C1E7R0CB01# |
| | | | | ±0.5pF | GJM0336C1E7R0DB01# |
| | | | 7.1pF | ±0.05pF | GJM0336C1E7R1WB01# |
| | | | | ±0.1pF | GJM0336C1E7R1BB01# |
| | | | | ±0.25pF | GJM0336C1E7R1CB01# |
| | | | | ±0.5pF | GJM0336C1E7R1DB01# |
| | | | 7.2pF | ±0.05pF | GJM0336C1E7R2WB01# |
| | | | 1. ∠ μΓ | - | |
| | | | | ±0.1pF | GJM0336C1E7R2BB01# |
| | | | | ±0.25pF | GJM0336C1E7R2CB01# |
| | | | — — | ±0.5pF | GJM0336C1E7R2DB01# |
| | | 7.3pF | ±0.05pF | GJM0336C1E7R3WB01# | |
| | | | ±0.1pF | GJM0336C1E7R3BB01# | |
| | | | ±0.25pF | GJM0336C1E7R3CB01# | |
| | | | | ±0.5pF | GJM0336C1E7R3DB01# |
| | | | 7.4pF | ±0.05pF | GJM0336C1E7R4WB01# |
| | | | ±0.1pF | GJM0336C1E7R4BB01# | |
| | | | | ±0.25pF | GJM0336C1E7R4CB01# |
| | | | | ±0.5pF | GJM0336C1E7R4DB01# |
| | | | 7.5pF | ±0.05pF | GJM0336C1E7R5WB01# |
| | | ı | | ±0.1pF | GJM0336C1E7R5BB01# |

| TC Code | Сар. | Tol. | Part Number | |
|------------|----------------|-------------------|--|-------|
| COH | 7.5pF | ±0.25pF | GJM0336C1E7R5CB01# | |
| | | ±0.5pF | GJM0336C1E7R5DB01# | |
| | 7.6pF | ±0.05pF | GJM0336C1E7R6WB01# | |
| | | ±0.1pF | GJM0336C1E7R6BB01# | |
| | | ±0.25pF | GJM0336C1E7R6CB01# | |
| | | ±0.5pF | GJM0336C1E7R6DB01# | |
| | 7.7pF | ±0.05pF | GJM0336C1E7R7WB01# | |
| | | ±0.1pF | GJM0336C1E7R7BB01# | |
| | | ±0.25pF | GJM0336C1E7R7CB01# | |
| | | ±0.5pF | GJM0336C1E7R7DB01# | |
| | 7.8pF | ±0.05pF | GJM0336C1E7R8WB01# | |
| | | ±0.1pF | GJM0336C1E7R8BB01# | |
| | | ±0.25pF | GJM0336C1E7R8CB01# | |
| | 70.5 | ±0.5pF | GJM0336C1E7R8DB01# | |
| | 7.9pF | ±0.05pF | GJM0336C1E7R9WB01# | |
| | | ±0.1pF | GJM0336C1E7R9BB01# | |
| | | ±0.25pF | GJM0336C1E7R9CB01# GJM0336C1E7R9DB01# | |
| | 8.0pF | ±0.5pF | GJM0336C1E8R0WB01# | |
| | 0.0pi | ±0.05pF ±0.1pF | GJM0336C1E8R0BB01# | |
| | | ±0.25pF | GJM0336C1E8R0CB01# | |
| | | ±0.5pF | GJM0336C1E8R0DB01# | |
| | 8.1pF | ±0.05pF | GJM0336C1E8R1WB01# | |
| | 511 p 1 | ±0.1pF | GJM0336C1E8R1BB01# | |
| | | ±0.25pF | GJM0336C1E8R1CB01# | |
| | | ±0.5pF | GJM0336C1E8R1DB01# | |
| | 8.2pF | ±0.05pF | GJM0336C1E8R2WB01# | |
| | | ±0.1pF | GJM0336C1E8R2BB01# | |
| | | ±0.25pF | GJM0336C1E8R2CB01# | |
| | | ±0.5pF | GJM0336C1E8R2DB01# | |
| | 8.3pF | ±0.05pF | GJM0336C1E8R3WB01# | |
| | | ±0.1pF | GJM0336C1E8R3BB01# | |
| | | ±0.25pF | GJM0336C1E8R3CB01# | |
| | | ±0.5pF | GJM0336C1E8R3DB01# | |
| | 8.4pF | ±0.05pF | GJM0336C1E8R4WB01# | |
| | | ±0.1pF | GJM0336C1E8R4BB01# | |
| | | ±0.25pF | GJM0336C1E8R4CB01# | |
| | | ±0.5pF | GJM0336C1E8R4DB01# | |
| | 8.5pF | ±0.05pF | GJM0336C1E8R5WB01# | |
| | | ±0.1pF | GJM0336C1E8R5BB01# | |
| | | ±0.25pF | GJM0336C1E8R5CB01# | |
| | | ±0.5pF | GJM0336C1E8R5DB01# | |
| | 8.6pF | ±0.05pF | GJM0336C1E8R6WB01# | |
| | | ±0.1pF | GJM0336C1E8R6BB01# | |
| | | ±0.25pF | GJM0336C1E8R6CB01# | |
| | 0 7nF | ±0.5pF | GJM0336C1E8R6DB01# | |
| | 8.7pF | ±0.05pF | GJM0336C1E8R7WB01# GJM0336C1E8R7BB01# | |
| | | ±0.1pF ±0.25pF | GJM0336C1E8R7CB01# | |
| | | ±0.25pF | GJM0336C1E8R7CB01# | |
| | 8.8pF | ±0.05pF | GJM0336C1E8R8WB01# | |
| | J.0p1 | ±0.1pF | GJM0336C1E8R8BB01# | |
| | | ±0.25pF | GJM0336C1E8R8CB01# | |
| | | ±0.5pF | GJM0336C1E8R8DB01# | |
| | Part nur | | cates the package specification | code. |



| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number |
|-----------|------------------|------------|-------|---------|--------------------|
|).33mm | 25Vdc | C0H | 8.9pF | ±0.05pF | GJM0336C1E8R9WB01# |
| | | | | ±0.1pF | GJM0336C1E8R9BB01# |
| | | | | ±0.25pF | GJM0336C1E8R9CB01# |
| | | | | ±0.5pF | GJM0336C1E8R9DB01# |
| | | | 9.0pF | ±0.05pF | GJM0336C1E9R0WB01# |
| | | | | ±0.1pF | GJM0336C1E9R0BB01# |
| | | | | ±0.25pF | GJM0336C1E9R0CB01# |
| | | | | ±0.5pF | GJM0336C1E9R0DB01# |
| | | | 9.1pF | ±0.05pF | GJM0336C1E9R1WB01# |
| | | | | ±0.1pF | GJM0336C1E9R1BB01# |
| | | | | - | GJM0336C1E9R1CB01# |
| | | | | ±0.5pF | GJM0336C1E9R1DB01# |
| | | | 9.2pF | ±0.05pF | GJM0336C1E9R2WB01# |
| | | | | ±0.1pF | GJM0336C1E9R2BB01# |
| | | | | ±0.25pF | GJM0336C1E9R2CB01# |
| | | | | ±0.5pF | GJM0336C1E9R2DB01# |
| | | | 0.2nE | | |
| | | | 9.3pF | | GJM0336C1E9R3WB01# |
| | | | | ±0.1pF | GJM0336C1E9R3BB01# |
| | | | | | GJM0336C1E9R3CB01# |
| | | | | ±0.5pF | GJM0336C1E9R3DB01# |
| | | | 9.4pF | ±0.05pF | GJM0336C1E9R4WB01# |
| | | | | ±0.1pF | GJM0336C1E9R4BB01# |
| | | | | ±0.25pF | GJM0336C1E9R4CB01# |
| | | | | ±0.5pF | GJM0336C1E9R4DB01# |
| | | | 9.5pF | ±0.05pF | GJM0336C1E9R5WB01# |
| | | | | ±0.1pF | GJM0336C1E9R5BB01# |
| | | | | ±0.25pF | GJM0336C1E9R5CB01# |
| | | | | ±0.5pF | GJM0336C1E9R5DB01# |
| | | | 9.6pF | ±0.05pF | GJM0336C1E9R6WB01# |
| | | | | ±0.1pF | GJM0336C1E9R6BB01# |
| | | | | ±0.25pF | GJM0336C1E9R6CB01# |
| | | | | ±0.5pF | GJM0336C1E9R6DB01# |
| | | | 9.7pF | ±0.05pF | GJM0336C1E9R7WB01# |
| | | | | ±0.1pF | GJM0336C1E9R7BB01# |
| | | | | ±0.25pF | GJM0336C1E9R7CB01# |
| | | | | ±0.5pF | GJM0336C1E9R7DB01# |
| | | | 9.8pF | ±0.05pF | GJM0336C1E9R8WB01# |
| | | | • | ±0.1pF | GJM0336C1E9R8BB01# |
| | | | | ±0.25pF | GJM0336C1E9R8CB01# |
| | | | | ±0.5pF | GJM0336C1E9R8DB01# |
| | | | 9.9pF | ±0.05pF | GJM0336C1E9R9WB01# |
| | | | J.Jpi | ±0.1pF | GJM0336C1E9R9BB01# |
| | | | | ±0.25pF | GJM0336C1E9R9CB01# |
| | | | | - | |
| | | | 10 | ±0.5pF | GJM0336C1E9R9DB01# |
| | | | 10pF | ±2% | GJM0336C1E100GB01# |
| | | | 4 | ±5% | GJM0336C1E100JB01# |
| | | | 11pF | ±2% | GJM0336C1E110GB01# |
| | | | | ±5% | GJM0336C1E110JB01# |
| | | | 12pF | ±2% | GJM0336C1E120GB01# |
| | | | | ±5% | GJM0336C1E120JB01# |
| | | | 13pF | ±2% | GJM0336C1E130GB01# |
| | | | | ±5% | GJM0336C1E130JB01# |
| | | | 15pF | ±2% | GJM0336C1E150GB01# |
| | | | | ±5% | GJM0336C1E150JB01# |

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number |
|-----------|------------------|------------|-------|---------|--------------------|
| 0.33mm | 25Vdc | COH | 16pF | ±2% | GJM0336C1E160GB01# |
| | | | | ±5% | GJM0336C1E160JB01# |
| | | | 18pF | ±2% | GJM0336C1E180GB01# |
| | | | | ±5% | GJM0336C1E180JB01# |
| | | | 20pF | ±2% | GJM0336C1E200GB01# |
| | | | | ±5% | GJM0336C1E200JB01# |
| | | СК | 0.2pF | ±0.05pF | GJM0334C1ER20WB01# |
| | | | | ±0.1pF | GJM0334C1ER20BB01# |
| | | | 0.3pF | ±0.05pF | GJM0334C1ER30WB01# |
| | | | | ±0.1pF | GJM0334C1ER30BB01# |
| | | | 0.4pF | ±0.05pF | GJM0334C1ER40WB01# |
| | | | | ±0.1pF | GJM0334C1ER40BB01# |
| | | | 0.5pF | ±0.05pF | GJM0334C1ER50WB01# |
| | | | | ±0.1pF | GJM0334C1ER50BB01# |
| | | | 0.6pF | ±0.05pF | GJM0334C1ER60WB01# |
| | | | | ±0.1pF | GJM0334C1ER60BB01# |
| | | | 0.7pF | ±0.05pF | GJM0334C1ER70WB01# |
| | | | | ±0.1pF | GJM0334C1ER70BB01# |
| | | | 0.8pF | ±0.05pF | GJM0334C1ER80WB01# |
| | | | | ±0.1pF | GJM0334C1ER80BB01# |
| | | | 0.9pF | ±0.05pF | GJM0334C1ER90WB01# |
| | | | | ±0.1pF | GJM0334C1ER90BB01# |
| | | | 1.0pF | ±0.05pF | GJM0334C1E1R0WB01# |
| | | | | ±0.1pF | GJM0334C1E1R0BB01# |
| | | | | ±0.25pF | GJM0334C1E1R0CB01# |
| | | | 1.1pF | ±0.05pF | GJM0334C1E1R1WB01# |
| | | | | ±0.1pF | GJM0334C1E1R1BB01# |
| | | | | ±0.25pF | GJM0334C1E1R1CB01# |
| | | | 1.2pF | ±0.05pF | GJM0334C1E1R2WB01# |
| | | | | ±0.1pF | GJM0334C1E1R2BB01# |
| | | | | ±0.25pF | GJM0334C1E1R2CB01# |
| | | | 1.3pF | ±0.05pF | GJM0334C1E1R3WB01# |
| | | | | ±0.1pF | GJM0334C1E1R3BB01# |
| | | | | ±0.25pF | GJM0334C1E1R3CB01# |
| | | | 1.4pF | ±0.05pF | GJM0334C1E1R4WB01# |
| | | | | ±0.1pF | GJM0334C1E1R4BB01# |
| | | | | ±0.25pF | GJM0334C1E1R4CB01# |
| | | | 1.5pF | ±0.05pF | GJM0334C1E1R5WB01# |
| | | | | ±0.1pF | GJM0334C1E1R5BB01# |
| | | | 105 | ±0.25pF | GJM0334C1E1R5CB01# |
| | | | 1.6pF | ±0.05pF | GJM0334C1E1R6WB01# |
| | | | | ±0.1pF | GJM0334C1E1R6BB01# |
| | | | | ±0.25pF | GJM0334C1E1R6CB01# |
| | | | 1.7pF | ±0.05pF | GJM0334C1E1R7WB01# |
| | | | | ±0.1pF | GJM0334C1E1R7BB01# |
| | | | 1 | ±0.25pF | GJM0334C1E1R7CB01# |
| | | | 1.8pF | ±0.05pF | GJM0334C1E1R8WB01# |
| | | | | ±0.1pF | GJM0334C1E1R8BB01# |
| | | | 10.5 | ±0.25pF | GJM0334C1E1R8CB01# |
| | | | 1.9pF | ±0.05pF | GJM0334C1E1R9WB01# |
| | | | | ±0.1pF | GJM0334C1E1R9BB01# |
| | | | 00-5 | ±0.25pF | GJM0334C1E1R9CB01# |
| | | | 2.0pF | ±0.05pF | GJM0334C1E2R0WB01# |
| | | | | ±0.1pF | GJM0334C1E2R0BB01# |

T max. 0.33mm

| (→ ■ 0 | .6×0.3ı | mm) | | | | |
|---------------|------------------|------------|----------------|-------------------|--------------------|--|
| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number | |
| 0.33mm | 25Vdc | CK | 2.0pF | ±0.25pF | GJM0334C1E2R0CB01# | |
| | | CJ | 2.1pF | ±0.05pF | GJM0333C1E2R1WB01# | |
| | | | | ±0.1pF | GJM0333C1E2R1BB01# | |
| | | | | ±0.25pF | GJM0333C1E2R1CB01# | |
| | | | 2.2pF | ±0.05pF | GJM0333C1E2R2WB01# | |
| | | | | ±0.1pF | GJM0333C1E2R2BB01# | |
| | | | | ±0.25pF | GJM0333C1E2R2CB01# | |
| | | | 2.3pF | ±0.05pF | GJM0333C1E2R3WB01# | |
| | | | | ±0.1pF | GJM0333C1E2R3BB01# | |
| | | | | ±0.25pF | GJM0333C1E2R3CB01# | |
| | | | 2.4pF | ±0.05pF | GJM0333C1E2R4WB01# | |
| | | | | ±0.1pF | GJM0333C1E2R4BB01# | |
| | | | | ±0.25pF | GJM0333C1E2R4CB01# | |
| | | | 2.5pF | ±0.05pF | GJM0333C1E2R5WB01# | |
| | | | | ±0.1pF | GJM0333C1E2R5BB01# | |
| | | | | ±0.25pF | GJM0333C1E2R5CB01# | |
| | | | 2.6pF | ±0.05pF | GJM0333C1E2R6WB01# | |
| | | | | ±0.1pF | GJM0333C1E2R6BB01# | |
| | | | | ±0.25pF | GJM0333C1E2R6CB01# | |
| | | | 2.7pF | ±0.05pF | GJM0333C1E2R7WB01# | |
| | | | | ±0.1pF | GJM0333C1E2R7BB01# | |
| | | | | ±0.25pF | GJM0333C1E2R7CB01# | |
| | | | 2.8pF | ±0.05pF | GJM0333C1E2R8WB01# | |
| | | | | ±0.1pF | GJM0333C1E2R8BB01# | |
| | | | 2.9pF 3.0pF | ±0.25pF | GJM0333C1E2R8CB01# | |
| | | | | ±0.05pF | GJM0333C1E2R9WB01# | |
| | | | | ±0.1pF | GJM0333C1E2R9BB01# | |
| | | | | ±0.25pF | GJM0333C1E2R9CB01# | |
| | | | | ±0.05pF | GJM0333C1E3R0WB01# | |
| | | | | ±0.1pF | GJM0333C1E3R0BB01# | |
| | | 3 | | 0.15 | ±0.25pF | GJM0333C1E3R0CB01# GJM0333C1E3R1WB01# |
| | | | 3.1pF | ±0.05pF | GJM0333C1E3R1BB01# | |
| | | | | ±0.1pF | GJM0333C1E3R1CB01# | |
| | | | 3.2pF | ±0.25pF | GJM0333C1E3R2WB01# | |
| | | | 3.2pi | ±0.05pF ±0.1pF | GJM0333C1E3R2BB01# | |
| | | | | ±0.25pF | | |
| | | | 3.3pF | ±0.25pF | | |
| | | | 0.0pi | ±0.05pi | GJM0333C1E3R3BB01# | |
| | | | | ±0.25pF | GJM0333C1E3R3CB01# | |
| | | | 3.4pF | ±0.05pF | GJM0333C1E3R4WB01# | |
| | | | J. 101 | ±0.1pF | GJM0333C1E3R4BB01# | |
| | | | | ±0.25pF | GJM0333C1E3R4CB01# | |
| | | | 3.5pF | ±0.05pF | | |
| | | | | ±0.1pF | GJM0333C1E3R5BB01# | |
| | | | | ±0.25pF | GJM0333C1E3R5CB01# | |
| | | | 3.6pF | ±0.05pF | GJM0333C1E3R6WB01# | |
| | | | - 1 | ±0.1pF | GJM0333C1E3R6BB01# | |
| | | | | ±0.25pF | GJM0333C1E3R6CB01# | |
| | | | 3.7pF | ±0.05pF | GJM0333C1E3R7WB01# | |
| | | | P. | ±0.1pF | GJM0333C1E3R7BB01# | |
| | | | | ±0.25pF | GJM0333C1E3R7CB01# | |
| | | | 3.8pF | ±0.05pF | GJM0333C1E3R8WB01# | |
| | | | | ±0.1pF | GJM0333C1E3R8BB01# | |
| | | | | p. | | |

| Detect | TC | | | |
|------------------|------------|---------|---------|--------------------|
| Rated Voltage | TC Code | Сар. | Tol. | Part Number |
| 25Vdc | CJ | 3.8pF | ±0.25pF | GJM0333C1E3R8CB01# |
| | | 3.9pF | ±0.05pF | GJM0333C1E3R9WB01# |
| | | | ±0.1pF | GJM0333C1E3R9BB01# |
| | | | ±0.25pF | GJM0333C1E3R9CB01# |
| | CH | 4.0pF | ±0.05pF | GJM0332C1E4R0WB01# |
| | | | ±0.1pF | GJM0332C1E4R0BB01# |
| | | | ±0.25pF | GJM0332C1E4R0CB01# |
| | | 4.1pF | ±0.05pF | GJM0332C1E4R1WB01# |
| | | | ±0.1pF | GJM0332C1E4R1BB01# |
| | | | ±0.25pF | GJM0332C1E4R1CB01# |
| | | 4.2pF | ±0.05pF | GJM0332C1E4R2WB01# |
| | | | ±0.1pF | GJM0332C1E4R2BB01# |
| | | | ±0.25pF | GJM0332C1E4R2CB01# |
| | | 4.3pF | ±0.05pF | GJM0332C1E4R3WB01# |
| | | | ±0.1pF | GJM0332C1E4R3BB01# |
| | | | ±0.25pF | GJM0332C1E4R3CB01# |
| | | 4.4pF | ±0.05pF | GJM0332C1E4R4WB01# |
| | | | ±0.1pF | GJM0332C1E4R4BB01# |
| | | | ±0.25pF | GJM0332C1E4R4CB01# |
| | | 4.5pF | ±0.05pF | GJM0332C1E4R5WB01# |
| | | | ±0.1pF | GJM0332C1E4R5BB01# |
| | | | ±0.25pF | GJM0332C1E4R5CB01# |
| | | 4.6pF | ±0.05pF | GJM0332C1E4R6WB01# |
| | | | ±0.1pF | GJM0332C1E4R6BB01# |
| | | | ±0.25pF | GJM0332C1E4R6CB01# |
| | | 4.7pF | ±0.05pF | GJM0332C1E4R7WB01# |
| | | | ±0.1pF | GJM0332C1E4R7BB01# |
| | | | ±0.25pF | GJM0332C1E4R7CB01# |
| | | 4.8pF | ±0.05pF | GJM0332C1E4R8WB01# |
| | | | ±0.1pF | GJM0332C1E4R8BB01# |
| | | | ±0.25pF | GJM0332C1E4R8CB01# |
| | | 4.9pF | ±0.05pF | GJM0332C1E4R9WB01# |
| | | | ±0.1pF | GJM0332C1E4R9BB01# |
| | | | ±0.25pF | GJM0332C1E4R9CB01# |
| | | 5.0pF | ±0.05pF | GJM0332C1E5R0WB01# |
| | | | ±0.1pF | GJM0332C1E5R0BB01# |
| | | | ±0.25pF | GJM0332C1E5R0CB01# |
| | | 5.1pF | ±0.05pF | GJM0332C1E5R1WB01# |
| | | | ±0.1pF | GJM0332C1E5R1BB01# |
| | | | ±0.25pF | GJM0332C1E5R1CB01# |
| | | | ±0.5pF | GJM0332C1E5R1DB01# |
| | | 5.2pF | ±0.05pF | GJM0332C1E5R2WB01# |
| | | | ±0.1pF | GJM0332C1E5R2BB01# |
| | | | ±0.25pF | GJM0332C1E5R2CB01# |
| | | | ±0.5pF | GJM0332C1E5R2DB01# |
| | | 5.3pF | ±0.05pF | GJM0332C1E5R3WB01# |
| | | | ±0.1pF | GJM0332C1E5R3BB01# |
| | | | ±0.25pF | GJM0332C1E5R3CB01# |
| | | E 4= F | ±0.5pF | GJM0332C1E5R3DB01# |
| | | 5.4pF | ±0.05pF | GJM0332C1E5R4WB01# |
| | | | ±0.1pF | GJM0332C1E5R4BB01# |
| | | | ±0.25pF | GJM0332C1E5R4CB01# |
| | | E E ~ F | ±0.5pF | GJM0332C1E5R4DB01# |
| | | 5.5pF | ±0.05pF | GJM0332C1E5R5WB01# |



| Table | (→ ■ 0 |).6×0.3ı | mm) | | | |
|--|--------|----------|-------|----------|--------------------|--------------------|
| #0.25pF GJM0332C1E5R5CB01# #0.5pF GJM0332C1E5R6BB01# #0.25pF GJM0332C1E5R6BB01# #0.25pF GJM0332C1E5R6BB01# #0.5pF GJM0332C1E5R6BB01# #0.5pF GJM0332C1E5R6BB01# #0.25pF GJM0332C1E5R6BB01# #0.25pF GJM0332C1E5R7BB01# #0.25pF GJM0332C1E5R7BB01# #0.25pF GJM0332C1E5R7BB01# #0.25pF GJM0332C1E5R7BB01# #0.25pF GJM0332C1E5R7BB01# #0.25pF GJM0332C1E5R8BB01# #0.25pF GJM0332C1E5R8BB01# #0.25pF GJM0332C1E5R8BB01# #0.25pF GJM0332C1E5R8BB01# #0.5pF GJM0332C1E5R9BB01# #0.5pF GJM0332C1E5R9BB01# #0.5pF GJM0332C1E5R9BB01# #0.5pF GJM0332C1E5R9BB01# #0.5pF GJM0332C1E5R9BB01# #0.5pF GJM0332C1E6R0BB01# #0.5pF GJM0332C1E6R2BB01# #0.5pF GJM0332C1E6R2BB01# #0.5pF GJM0332C1E6R2BB01# #0.5pF GJM0332C1E6R2BB01# #0.5pF GJM0332C1E6R2BB01# #0.5pF GJM0332C1E6R2BB01# #0.5pF GJM0332C1E6R3BB01# #0.5pF GJM0332C1E6R5BB01# #0.5pF GJM0332C1E6R8B01# #0.5pF GJM0332C1E6R8B01# #0.5pF GJM0332C1E6R8B01# #0.5pF GJM0332C1E6R8B01# #0.5pF GJM0332C1E6R8B01# #0.5pF GJM | | | | Cap. | Tol. | Part Number |
| #0.5pF | 0.33mm | 25Vdc | СН | 5.5pF | ±0.1pF | GJM0332C1E5R5BB01# |
| ±0.05pF ±0.05pF GJM0332C1E5R6B801# ±0.25pF GJM0332C1E5R6B801# ±0.25pF GJM0332C1E5R6D801# ±0.05pF GJM0332C1E5R7B801# ±0.25pF GJM0332C1E5R7B801# ±0.25pF GJM0332C1E5R7B801# ±0.25pF GJM0332C1E5R7B801# ±0.5pF GJM0332C1E5R8B801# ±0.5pF GJM0332C1E5R9B801# ±0.5pF GJM0332C1E5R9B801# ±0.5pF GJM0332C1E5R9B801# ±0.5pF GJM0332C1E5R0B801# ±0.5pF GJM0332C1E5R0B801# ±0.5pF GJM0332C1E5R0B801# ±0.5pF GJM0332C1E5R0B801# ±0.5pF GJM0332C1E5R0B801# ±0.5pF GJM0332C1E6R0B801# ±0.5pF GJM0332C1E6R0B801# ±0.5pF GJM0332C1E6R1B801# ±0.5pF GJM0332C1E6R2B801# ±0.5pF GJM0332C1E6R2B801# ±0.5pF GJM0332C1E6R3B801# ±0.5pF GJM033C1E6R3B801# ±0.5pF GJM03 | | | | | ±0.25pF | GJM0332C1E5R5CB01# |
| #0.1pF | | | | | ±0.5pF | GJM0332C1E5R5DB01# |
| #0.25pF GJM0332C1E5R6CB01# ±0.5pF GJM0332C1E5R7BB01# ±0.1pF GJM0332C1E5R7BB01# ±0.5pF GJM0332C1E5R7BB01# ±0.5pF GJM0332C1E5R7BB01# ±0.25pF GJM0332C1E5R8BB01# ±0.25pF GJM0332C1E5R8BB01# ±0.25pF GJM0332C1E5R8BB01# ±0.25pF GJM0332C1E5R8BB01# ±0.5pF GJM0332C1E5R9BB01# ±0.5pF GJM0332C1E5R9BB01# ±0.25pF GJM0332C1E5R9BB01# ±0.25pF GJM0332C1E5R9BB01# ±0.25pF GJM0332C1E5R9BB01# ±0.25pF GJM0332C1E5R9BB01# ±0.25pF GJM0332C1E5R9BB01# ±0.25pF GJM0332C1E5R0BB01# ±0.25pF GJM0332C1E5R0BB01# ±0.5pF GJM0332C1E5R0B01# ±0.5pF GJM0332C1E5R1BB01# ±0.5pF GJM0332C1E5R1BB01# ±0.5pF GJM0332C1E5R1BB01# ±0.5pF GJM0332C1E5R1BB01# ±0.5pF GJM0332C1E5R2DB01# ±0.5pF GJM0332C1E5R2DB01# ±0.5pF GJM0332C1E5R2DB01# ±0.5pF GJM0332C1E5R2DB01# ±0.5pF GJM0332C1E5R3CB01# ±0.5pF GJM0332C1E5RB001# ±0.5pF GJM0332C1E5RB0001# ±0.5pF GJM0332C1E5RB0001# ±0.5pF GJM0332C1E5RB0001# ±0.5pF GJM0332C1E5RB | | | | 5.6pF | ±0.05pF | GJM0332C1E5R6WB01# |
| ### ### ############################## | | | | | ±0.1pF | GJM0332C1E5R6BB01# |
| 5.7pF | | | | | ±0.25pF | GJM0332C1E5R6CB01# |
| #0.1pF GJM0332C1E5R7BB01# #0.25pF GJM0332C1E5R8WB01# #0.5pF GJM0332C1E5R8BB01# #0.25pF GJM0332C1E5R8BB01# #0.25pF GJM0332C1E5R8BB01# #0.5pF GJM0332C1E5R8BB01# #0.5pF GJM0332C1E5R9B01# #0.5pF GJM0332C1E5R9B01# #0.5pF GJM0332C1E5R9B01# #0.5pF GJM0332C1E5R9B01# #0.5pF GJM0332C1E5R9DB01# #0.5pF GJM0332C1E5R9DB01# #0.5pF GJM0332C1E5R9DB01# #0.1pF GJM0332C1E6R0WB01# #0.1pF GJM0332C1E6R0B01# #0.5pF GJM0332C1E6R0DB01# #0.5pF GJM0332C1E6R0DB01# #0.5pF GJM0332C1E6R0DB01# #0.5pF GJM0332C1E6R0DB01# #0.5pF GJM0332C1E6R1WB01# #0.5pF GJM0332C1E6R1WB01# #0.5pF GJM0332C1E6R1B01# #0.5pF GJM0332C1E6R2BB01# #0.5pF GJM0332C1E6R2BB01# #0.5pF GJM0332C1E6R2BB01# #0.5pF GJM0332C1E6R3BB01# #0.5pF GJM0332C1E6R3CB01# #0.5pF GJM0332C1E6R4CB01# #0.5pF GJM0332C1E6R4CB01# #0.5pF GJM0332C1E6R4CB01# #0.5pF GJM0332C1E6R4CB01# #0.5pF GJM0332C1E6R5B01# #0.5pF GJM0332C1E6R5B01# #0.5pF GJM0332C1E6R5B01# #0.5pF GJM0332C1E6R4CB01# #0.5pF GJM0332C1E6R4CB01# #0.5pF GJM0332C1E6R4CB01# #0.5pF GJM0332C1E6R5B001# | | | | | ±0.5pF | GJM0332C1E5R6DB01# |
| #0.25pF GJM0332C1E5R7CB01# #0.5pF GJM0332C1E5R8B01# #0.25pF GJM0332C1E5R8CB01# #0.5pF GJM0332C1E5R8CB01# #0.5pF GJM0332C1E5R8CB01# #0.5pF GJM0332C1E5R9CB01# #0.5pF GJM0332C1E6R0WB01# #0.5pF GJM0332C1E6R0WB01# #0.5pF GJM0332C1E6R0B01# #0.5pF GJM0332C1E6R0B01# #0.5pF GJM0332C1E6R0B01# #0.5pF GJM0332C1E6R0B01# #0.5pF GJM0332C1E6R0B01# #0.5pF GJM0332C1E6R1B01# #0.5pF GJM0332C1E6R1B01# #0.5pF GJM0332C1E6R1B01# #0.5pF GJM0332C1E6R2B01# #0.5pF GJM0332C1E6R2B01# #0.5pF GJM0332C1E6R3B01# #0.5pF GJM0332C1E6R4B01# #0.5pF GJM0332C1E6R4B01# #0.5pF GJM0332C1E6R4B01# #0.5pF GJM0332C1E6R4B01# #0.5pF GJM0332C1E6R4B01# #0.5pF GJM0332C1E6R4B01# #0.5pF GJM0332C1E6R5B01# #0.5pF GJM0332C1E6R5B001# #0.5pF GJM0332C1E6R5B001# #0.5pF GJM0332C1E6R5B001# #0.5pF GJM0332C1E6R5B001# #0.5pF GJM0332C1E6R5B001# #0.5pF GJM0332C1E6R5B001# | | | | 5.7pF | ±0.05pF | GJM0332C1E5R7WB01# |
| ### ### ############################## | | | | | ±0.1pF | GJM0332C1E5R7BB01# |
| ### ### ############################## | | | | | - | GJM0332C1E5R7CB01# |
| 5.8pF ±0.05pF GJM0332C1E5R8WB01# ±0.1pF GJM0332C1E5R8BB01# ±0.5pF GJM0332C1E5R8BB01# ±0.5pF GJM0332C1E5R8BB01# ±0.25pF GJM0332C1E5R9BB01# ±0.25pF GJM0332C1E5R9BB01# ±0.25pF GJM0332C1E5R9BB01# ±0.25pF GJM0332C1E5R0BB01# ±0.25pF GJM0332C1E6R0BB01# ±0.5pF GJM0332C1E6R0BB01# ±0.5pF GJM0332C1E6R0BB01# ±0.5pF GJM0332C1E6R0BB01# ±0.5pF GJM0332C1E6R0BB01# ±0.5pF GJM0332C1E6R0BB01# ±0.5pF GJM0332C1E6R1BB01# ±0.25pF GJM0332C1E6R1BB01# ±0.25pF GJM0332C1E6R2BB01# ±0.5pF GJM0332C1E6R2BB01# ±0.5pF GJM0332C1E6R2BB01# ±0.5pF GJM0332C1E6R2BB01# ±0.5pF GJM0332C1E6R2BB01# ±0.5pF GJM0332C1E6R3BB01# ±0.5pF GJM0332C1E6R3BB01# ±0.5pF GJM0332C1E6R3BB01# ±0.5pF GJM0332C1E6R3BB01# ±0.5pF GJM0332C1E6R3BB01# ±0.5pF GJM0332C1E6R4BB01# ±0.5pF GJM0332C1E6R4BB01# ±0.5pF GJM0332C1E6R4BB01# ±0.5pF GJM0332C1E6R4BB01# ±0.5pF GJM0332C1E6R4BB01# ±0.5pF GJM0332C1E6R8BB01# ±0.5pF GJM0332C1E6R8BB01# ±0.5pF GJM0332C1E6R8BB01# ±0.5pF GJM0332C1E6R8BB01# ±0.5pF GJM0332C1E6R8BB01# ±0.5pF GJM0332C1E6R6BB01# ±0.5 | | | | | - | |
| #0.1pF GJM0332C1E5R8BB01# #0.25pF GJM0332C1E5R8CB01# #0.5pF GJM0332C1E5R9WB01# #0.1pF GJM0332C1E5R9WB01# #0.25pF GJM0332C1E5R9BB01# #0.25pF GJM0332C1E5R9WB01# #0.1pF GJM0332C1E5R9WB01# #0.25pF GJM0332C1E6R0BB01# #0.25pF GJM0332C1E6R0BB01# #0.5pF GJM0332C1E6R0BB01# #0.5pF GJM0332C1E6R0BB01# #0.5pF GJM0332C1E6R0BB01# #0.1pF GJM0332C1E6R0BB01# #0.5pF GJM0332C1E6R1WB01# #0.5pF GJM0332C1E6R1BB01# #0.5pF GJM0332C1E6R1BB01# #0.5pF GJM0332C1E6R2WB01# #0.5pF GJM0332C1E6R2WB01# #0.5pF GJM0332C1E6R2BB01# #0.5pF GJM0332C1E6R2BB01# #0.5pF GJM0332C1E6R2BB01# #0.5pF GJM0332C1E6R3BB01# #0.5pF GJM0332C1E6R3BB01# #0.5pF GJM0332C1E6R3BB01# #0.5pF GJM0332C1E6R3BB01# #0.5pF GJM0332C1E6R3BB01# #0.5pF GJM0332C1E6R3BB01# #0.5pF GJM0332C1E6R4BB01# #0.5pF GJM0332C1E6R8BB01# #0.5pF GJM0332C1E6R8BB01# #0.5pF GJM0332C1E6RSBB01# #0.5pF GJM0332C1E6R6BB01# | | | | 5.8nF | - | |
| #0.25pF GJM0332C1E5R8CB01# #0.5pF GJM0332C1E5R9WB01# #0.1pF GJM0332C1E5R9B01# #0.25pF GJM0332C1E5R9DB01# #0.25pF GJM0332C1E5R9DB01# #0.25pF GJM0332C1E6R0WB01# #0.25pF GJM0332C1E6R0B01# #0.5pF GJM0332C1E6R0B01# #0.5pF GJM0332C1E6R0B01# #0.5pF GJM0332C1E6R0B01# #0.5pF GJM0332C1E6R0B01# #0.5pF GJM0332C1E6R1WB01# #0.1pF GJM0332C1E6R1BB01# #0.5pF GJM0332C1E6R1BB01# #0.5pF GJM0332C1E6R1BB01# #0.5pF GJM0332C1E6R2WB01# #0.5pF GJM0332C1E6R2WB01# #0.5pF GJM0332C1E6R2WB01# #0.5pF GJM0332C1E6R2WB01# #0.5pF GJM0332C1E6R2WB01# #0.5pF GJM0332C1E6R2B01# #0.5pF GJM0332C1E6R3B01# #0.5pF GJM0332C1E6R4B01# #0.5pF GJM0332C1E6R4B01# #0.5pF GJM0332C1E6R4B01# #0.5pF GJM0332C1E6R4B01# #0.5pF GJM0332C1E6R5B01# #0.5pF GJM0332C1E6R6BB01# | | | | о.орі | - | |
| #0.5pF | | | | | - | |
| 5.9pF | | | | | - | |
| #0.1pF GJM0332C1E5R9BB01# #0.25pF GJM0332C1E5R9CB01# #0.5pF GJM0332C1E6R0WB01# #0.1pF GJM0332C1E6R0BB01# #0.25pF GJM0332C1E6R0BD01# #0.5pF GJM0332C1E6R0BD01# #0.5pF GJM0332C1E6R0BD01# #0.5pF GJM0332C1E6R0BD01# #0.1pF GJM0332C1E6R1WB01# #0.25pF GJM0332C1E6R1BB01# #0.25pF GJM0332C1E6R1BB01# #0.25pF GJM0332C1E6R2WB01# #0.1pF GJM0332C1E6R2WB01# #0.25pF GJM0332C1E6R2WB01# #0.5pF GJM0332C1E6R2WB01# #0.5pF GJM0332C1E6R3WB01# #0.5pF GJM0332C1E6R3WB01# #0.1pF GJM0332C1E6R3WB01# #0.5pF GJM0332C1E6R3WB01# #0.5pF GJM0332C1E6R3WB01# #0.5pF GJM0332C1E6R3WB01# #0.5pF GJM0332C1E6R4WB01# #0.5pF GJM0332C1E6R4WB01# #0.5pF GJM0332C1E6R4WB01# #0.5pF GJM0332C1E6R4WB01# #0.5pF GJM0332C1E6R4WB01# #0.5pF GJM0332C1E6R5WB01# #0.5pF GJM0332C1E6R6WB01# #0.5pF GJM0332C1E6R7WB01# #0.5pF GJM0332C1E6R8WB01# #0.5pF GJM0332C1E6R8WB01# | | | | | - | |
| #0.25pF GJM0332C1E5R9CB01# #0.5pF GJM0332C1E5R9DB01# #0.05pF GJM0332C1E6R0WB01# #0.1pF GJM0332C1E6R0B01# #0.25pF GJM0332C1E6R0B01# #0.5pF GJM0332C1E6R0B01# #0.5pF GJM0332C1E6R1WB01# #0.25pF GJM0332C1E6R1BB01# #0.25pF GJM0332C1E6R1BB01# #0.5pF GJM0332C1E6R1BB01# #0.5pF GJM0332C1E6R2BB01# #0.5pF GJM0332C1E6R2BB01# #0.5pF GJM0332C1E6R2BB01# #0.5pF GJM0332C1E6R3BB01# #0.5pF GJM0332C1E6R3BB01# #0.5pF GJM0332C1E6R3BB01# #0.5pF GJM0332C1E6R4BB01# #0.5pF GJM0332C1E6R5BB01# #0.5pF GJM0332C1E6R5BB01# #0.5pF GJM0332C1E6R5BB01# #0.5pF GJM0332C1E6R5BB01# #0.5pF GJM0332C1E6R5BB01# #0.5pF GJM0332C1E6R6BB01# #0.5pF GJM0332C1E6R7BB01# | | | | 5.9pF | - | |
| #0.5pF GJM0332C1E6R9DB01# #0.05pF GJM0332C1E6R0WB01# #0.1pF GJM0332C1E6R0B01# #0.25pF GJM0332C1E6R0B01# #0.5pF GJM0332C1E6R0B01# #0.25pF GJM0332C1E6R1BB01# #0.25pF GJM0332C1E6R1BB01# #0.25pF GJM0332C1E6R1BB01# #0.25pF GJM0332C1E6R2BB01# #0.25pF GJM0332C1E6R2BB01# #0.25pF GJM0332C1E6R2BB01# #0.25pF GJM0332C1E6R2BB01# #0.5pF GJM0332C1E6R3BB01# #0.5pF GJM0332C1E6R3BB01# #0.5pF GJM0332C1E6R3BB01# #0.5pF GJM0332C1E6R3BB01# #0.5pF GJM0332C1E6R4BB01# #0.5pF GJM0332C1E6R4BB01# #0.5pF GJM0332C1E6R4BB01# #0.5pF GJM0332C1E6R4BB01# #0.5pF GJM0332C1E6R4BB01# #0.5pF GJM0332C1E6R4BB01# #0.5pF GJM0332C1E6R5BB01# #0.5pF GJM0332C1E6R5BB01# #0.5pF GJM0332C1E6R5BB01# #0.5pF GJM0332C1E6R5BB01# #0.5pF GJM0332C1E6R6BB01# #0.5pF GJM0332C1E6R7BB01# | | | | | - | |
| 6.0pF | | | | | ±0.25pF | GJM0332C1E5R9CB01# |
| #0.1pF GJM0332C1E6R0BB01# #0.25pF GJM0332C1E6R0CB01# #0.5pF GJM0332C1E6R1BB01# #0.1pF GJM0332C1E6R1BB01# #0.25pF GJM0332C1E6R1BB01# #0.25pF GJM0332C1E6R1DB01# #0.5pF GJM0332C1E6R1DB01# #0.5pF GJM0332C1E6R1DB01# #0.1pF GJM0332C1E6R2BB01# #0.25pF GJM0332C1E6R2BB01# #0.25pF GJM0332C1E6R2BB01# #0.25pF GJM0332C1E6R2BB01# #0.5pF GJM0332C1E6R2B01# #0.5pF GJM0332C1E6R3WB01# #0.1pF GJM0332C1E6R3BB01# #0.25pF GJM0332C1E6R3BB01# #0.25pF GJM0332C1E6R3BB01# #0.25pF GJM0332C1E6R3BB01# #0.25pF GJM0332C1E6R4BB01# #0.25pF GJM0332C1E6R4BB01# #0.25pF GJM0332C1E6R4BB01# #0.25pF GJM0332C1E6R5BB01# #0.25pF GJM0332C1E6R5BB01# #0.25pF GJM0332C1E6R5BB01# #0.25pF GJM0332C1E6R5BB01# #0.25pF GJM0332C1E6R6BB01# #0.25pF GJM0332C1E6R6BB01# #0.5pF GJM0332C1E6R6BB01# #0.5pF GJM0332C1E6R6BB01# #0.5pF GJM0332C1E6R6BB01# #0.5pF GJM0332C1E6R7BB01# | | | | | ±0.5pF | GJM0332C1E5R9DB01# |
| #0.25pF GJM0332C1E6R0CB01# #0.5pF GJM0332C1E6R1WB01# #0.1pF GJM0332C1E6R1BB01# #0.25pF GJM0332C1E6R1CB01# #0.5pF GJM0332C1E6R1CB01# #0.5pF GJM0332C1E6R1CB01# #0.5pF GJM0332C1E6R1DB01# #0.5pF GJM0332C1E6R2WB01# #0.1pF GJM0332C1E6R2BB01# #0.25pF GJM0332C1E6R2CB01# #0.5pF GJM0332C1E6R2CB01# #0.5pF GJM0332C1E6R3WB01# #0.5pF GJM0332C1E6R3WB01# #0.5pF GJM0332C1E6R3BB01# #0.5pF GJM0332C1E6R3CB01# #0.5pF GJM0332C1E6R3CB01# #0.5pF GJM0332C1E6R3DB01# #0.5pF GJM0332C1E6R4WB01# #0.5pF GJM0332C1E6R4WB01# #0.5pF GJM0332C1E6R4BB01# #0.5pF GJM0332C1E6R5B01# #0.5pF GJM0332C1E6R5B01# #0.5pF GJM0332C1E6R5B01# #0.5pF GJM0332C1E6R5B01# #0.5pF GJM0332C1E6R5B01# #0.5pF GJM0332C1E6R6B001# #0.5pF GJM0332C1E6R6B001# #0.5pF GJM0332C1E6R6B001# #0.5pF GJM0332C1E6R6B001# #0.5pF GJM0332C1E6R6B001# #0.5pF GJM0332C1E6R7B001# | | | | 6.0pF | ±0.05pF | GJM0332C1E6R0WB01# |
| #0.5pF GJM0332C1E6R1WB01# #0.1pF GJM0332C1E6R1WB01# #0.2pF GJM0332C1E6R1DB01# #0.5pF GJM0332C1E6R1DB01# #0.5pF GJM0332C1E6R1DB01# #0.5pF GJM0332C1E6R1DB01# #0.5pF GJM0332C1E6R2WB01# #0.2pF GJM0332C1E6R2BB01# #0.2pF GJM0332C1E6R2BB01# #0.5pF GJM0332C1E6R2BB01# #0.5pF GJM0332C1E6R3WB01# #0.5pF GJM0332C1E6R3BB01# #0.5pF GJM0332C1E6R3BB01# #0.5pF GJM0332C1E6R3BB01# #0.5pF GJM0332C1E6R3DB01# #0.5pF GJM0332C1E6R4WB01# #0.5pF GJM0332C1E6R4WB01# #0.5pF GJM0332C1E6R4DB01# #0.5pF GJM0332C1E6R4DB01# #0.5pF GJM0332C1E6R4DB01# #0.5pF GJM0332C1E6R4DB01# #0.5pF GJM0332C1E6R5BB01# #0.5pF GJM0332C1E6R5BB01# #0.5pF GJM0332C1E6R5BB01# #0.5pF GJM0332C1E6R6BB01# #0.5pF GJM0332C1E6R7BB01# #0.5pF GJM0332C1E6R7BB01# #0.5pF GJM0332C1E6R7BB01# #0.5pF GJM0332C1E6R7BB01# #0.5pF GJM0332C1E6R7BB01# #0.5pF GJM0332C1E6R7B001# #0.5pF GJM0332C1E6R7BB01# | | | | | ±0.1pF | GJM0332C1E6R0BB01# |
| 6.1pF ±0.05pF GJM0332C1E6R1WB01# ±0.25pF GJM0332C1E6R1BB01# ±0.25pF GJM0332C1E6R1DB01# ±0.05pF GJM0332C1E6R2WB01# ±0.05pF GJM0332C1E6R2WB01# ±0.05pF GJM0332C1E6R2BB01# ±0.05pF GJM0332C1E6R2BB01# ±0.05pF GJM0332C1E6R2BB01# ±0.05pF GJM0332C1E6R3WB01# ±0.05pF GJM0332C1E6R3BB01# ±0.05pF GJM0332C1E6R3BB01# ±0.05pF GJM0332C1E6R4WB01# ±0.05pF GJM0332C1E6R4BB01# ±0.05pF GJM0332C1E6R4BB01# ±0.05pF GJM0332C1E6R4BB01# ±0.05pF GJM0332C1E6R4BB01# ±0.05pF GJM0332C1E6R4BB01# ±0.05pF GJM0332C1E6R4BB01# ±0.05pF GJM0332C1E6R5WB01# ±0.05pF GJM0332C1E6R5BB01# ±0.05pF GJM0332C1E6R5BB01# ±0.05pF GJM0332C1E6R5BB01# ±0.05pF GJM0332C1E6R6BB01# ±0.05pF GJM0332C1E6R6BB01# ±0.05pF GJM0332C1E6R6BB01# ±0.05pF GJM0332C1E6R6BB01# ±0.05pF GJM0332C1E6R6BB01# ±0.05pF GJM0332C1E6R7WB01# ±0.05pF GJM0332C1E6R7WB01# ±0.05pF GJM0332C1E6R7BB01# ±0.05pF GJM0332C1E6R8BB01# | | | | | ±0.25pF | GJM0332C1E6R0CB01# |
| #0.1pF GJM0332C1E6R1BB01# #0.25pF GJM0332C1E6R1CB01# #0.5pF GJM0332C1E6R1DB01# #0.1pF GJM0332C1E6R2BB01# #0.25pF GJM0332C1E6R2BB01# #0.5pF GJM0332C1E6R2BB01# #0.5pF GJM0332C1E6R2BB01# #0.5pF GJM0332C1E6R3WB01# #0.1pF GJM0332C1E6R3WB01# #0.25pF GJM0332C1E6R3BB01# #0.5pF GJM0332C1E6R3DB01# #0.5pF GJM0332C1E6R3DB01# #0.5pF GJM0332C1E6R3DB01# #0.1pF GJM0332C1E6R4WB01# #0.5pF GJM0332C1E6R4BB01# #0.5pF GJM0332C1E6R4BB01# #0.5pF GJM0332C1E6R5BB01# #0.5pF GJM0332C1E6R6BD01# #0.5pF GJM0332C1E6R6BD01# #0.5pF GJM0332C1E6R6BD01# #0.5pF GJM0332C1E6R6BD01# #0.5pF GJM0332C1E6R6BB01# #0.5pF GJM0332C1E6R6BB01# #0.5pF GJM0332C1E6R7BB01# #0.5pF GJM0332C1E6R8BB01# | | | | | ±0.5pF | GJM0332C1E6R0DB01# |
| # ±0.25pF GJM0332C1E6R1CB01# ±0.5pF GJM0332C1E6R2WB01# ±0.25pF GJM0332C1E6R2BB01# ±0.25pF GJM0332C1E6R2CB01# ±0.5pF GJM0332C1E6R2BB01# ±0.25pF GJM0332C1E6R3WB01# ±0.25pF GJM0332C1E6R3WB01# ±0.25pF GJM0332C1E6R3BB01# ±0.5pF GJM0332C1E6R3BB01# ±0.5pF GJM0332C1E6R3BB01# ±0.5pF GJM0332C1E6R3BB01# ±0.5pF GJM0332C1E6R4WB01# ±0.5pF GJM0332C1E6R4CB01# ±0.5pF GJM0332C1E6R4CB01# ±0.5pF GJM0332C1E6R5BB01# ±0.5pF GJM0332C1E6R5BB01# ±0.25pF GJM0332C1E6R5BB01# ±0.25pF GJM0332C1E6R5BB01# ±0.5pF GJM0332C1E6R5BB01# ±0.5pF GJM0332C1E6R6BB01# ±0.5pF GJM0332C1E6R6BB01# ±0.5pF GJM0332C1E6R6BB01# ±0.5pF GJM0332C1E6R6BB01# ±0.5pF GJM0332C1E6R6BB01# ±0.5pF GJM0332C1E6R7WB01# ±0.5pF GJM0332C1E6R7WB01# ±0.5pF GJM0332C1E6R7BB01# ±0.5pF GJM0332C1E6R8BB01# ±0.5pF GJM0332C1E6R8BB01 | | | 6.1pF | ±0.05pF | GJM0332C1E6R1WB01# | |
| #0.5pF GJM0332C1E6R1DB01# #0.1pF GJM0332C1E6R2BB01# #0.25pF GJM0332C1E6R2BB01# #0.25pF GJM0332C1E6R2DB01# #0.5pF GJM0332C1E6R2DB01# #0.1pF GJM0332C1E6R3WB01# #0.1pF GJM0332C1E6R3WB01# #0.25pF GJM0332C1E6R3BB01# #0.5pF GJM0332C1E6R3DB01# #0.5pF GJM0332C1E6R3DB01# #0.5pF GJM0332C1E6R4WB01# #0.1pF GJM0332C1E6R4WB01# #0.5pF GJM0332C1E6R4DB01# #0.5pF GJM0332C1E6R4DB01# #0.5pF GJM0332C1E6R5WB01# #0.1pF GJM0332C1E6R5WB01# #0.5pF GJM0332C1E6R5WB01# #0.5pF GJM0332C1E6R5BB01# #0.5pF GJM0332C1E6R5BB01# #0.5pF GJM0332C1E6R6BB01# #0.5pF GJM0332C1E6R6BB01# #0.5pF GJM0332C1E6R6BB01# #0.5pF GJM0332C1E6R6BB01# #0.5pF GJM0332C1E6R6BB01# #0.5pF GJM0332C1E6R6DB01# #0.5pF GJM0332C1E6R6DB01# #0.5pF GJM0332C1E6R6DB01# #0.5pF GJM0332C1E6R6DB01# #0.5pF GJM0332C1E6R7BB01# #0.5pF GJM0332C1E6R7BB01# #0.5pF GJM0332C1E6R7DB01# #0.5pF GJM0332C1E6R7DB01# #0.5pF GJM0332C1E6R7DB01# #0.5pF GJM0332C1E6R7DB01# #0.5pF GJM0332C1E6R7DB01# #0.5pF GJM0332C1E6R8WB01# #0.5pF GJM0332C1E6R8WB01# #0.5pF GJM0332C1E6R8BB01# | | | | | ±0.1pF | GJM0332C1E6R1BB01# |
| 6.2pF | | | | | ±0.25pF | GJM0332C1E6R1CB01# |
| # ±0.1pF GJM0332C1E6R2BB01# # ±0.25pF GJM0332C1E6R2CB01# # ±0.5pF GJM0332C1E6R3WB01# # ±0.1pF GJM0332C1E6R3BB01# # ±0.25pF GJM0332C1E6R3CB01# # ±0.5pF GJM0332C1E6R3CB01# # ±0.5pF GJM0332C1E6R3DB01# # ±0.1pF GJM0332C1E6R4WB01# # ±0.1pF GJM0332C1E6R4CB01# # ±0.5pF GJM0332C1E6R4CB01# # ±0.5pF GJM0332C1E6R4CB01# # ±0.5pF GJM0332C1E6R4DB01# # ±0.5pF GJM0332C1E6R5CB01# # ±0.25pF GJM0332C1E6R5CB01# # ±0.25pF GJM0332C1E6R5CB01# # ±0.5pF GJM0332C1E6R5CB01# # ±0.5pF GJM0332C1E6R6CB01# # ±0.5pF GJM0332C1E6R7WB01# # ±0.5pF GJM0332C1E6R7WB01# # ±0.5pF GJM0332C1E6R7CB01# # ±0.5pF GJM0332C1E6R7DB01# # ±0.5pF GJM0332C1E6R7DB01# # ±0.5pF GJM0332C1E6R8WB01# | | | | ±0.5pF | GJM0332C1E6R1DB01# |
| #0.25pF GJM0332C1E6R2CB01# #0.5pF GJM0332C1E6R3WB01# #0.1pF GJM0332C1E6R3BB01# #0.25pF GJM0332C1E6R3CB01# #0.25pF GJM0332C1E6R3CB01# #0.5pF GJM0332C1E6R3DB01# #0.5pF GJM0332C1E6R4WB01# #0.1pF GJM0332C1E6R4WB01# #0.25pF GJM0332C1E6R4CB01# #0.5pF GJM0332C1E6R4CB01# #0.5pF GJM0332C1E6R4DB01# #0.5pF GJM0332C1E6R5WB01# #0.1pF GJM0332C1E6R5WB01# #0.25pF GJM0332C1E6R5B001# #0.25pF GJM0332C1E6R5DB01# #0.5pF GJM0332C1E6R6CB01# #0.5pF GJM0332C1E6R7WB01# #0.5pF GJM0332C1E6R7WB01# #0.5pF GJM0332C1E6R7CB01# #0.5pF GJM0332C1E6R7CB01# #0.5pF GJM0332C1E6R7CB01# #0.5pF GJM0332C1E6R7DB01# #0.5pF GJM0332C1E6R8WB01# #0.5pF GJM0332C1E6R8WB01# #0.5pF GJM0332C1E6R8WB01# #0.5pF GJM0332C1E6R8WB01# #0.5pF GJM0332C1E6R8WB01# | | | | 6.2pF | ±0.05pF | GJM0332C1E6R2WB01# |
| #0.25pF GJM0332C1E6R2CB01# #0.5pF GJM0332C1E6R3WB01# #0.1pF GJM0332C1E6R3BB01# #0.25pF GJM0332C1E6R3CB01# #0.25pF GJM0332C1E6R3CB01# #0.5pF GJM0332C1E6R3DB01# #0.5pF GJM0332C1E6R4WB01# #0.1pF GJM0332C1E6R4WB01# #0.25pF GJM0332C1E6R4CB01# #0.5pF GJM0332C1E6R4CB01# #0.5pF GJM0332C1E6R4DB01# #0.5pF GJM0332C1E6R5WB01# #0.1pF GJM0332C1E6R5WB01# #0.25pF GJM0332C1E6R5B001# #0.25pF GJM0332C1E6R5DB01# #0.5pF GJM0332C1E6R6CB01# #0.5pF GJM0332C1E6R7WB01# #0.5pF GJM0332C1E6R7WB01# #0.5pF GJM0332C1E6R7CB01# #0.5pF GJM0332C1E6R7CB01# #0.5pF GJM0332C1E6R7CB01# #0.5pF GJM0332C1E6R7DB01# #0.5pF GJM0332C1E6R8WB01# #0.5pF GJM0332C1E6R8WB01# #0.5pF GJM0332C1E6R8WB01# #0.5pF GJM0332C1E6R8WB01# #0.5pF GJM0332C1E6R8WB01# | | | | | ±0.1pF | GJM0332C1E6R2BB01# |
| #0.5pF GJM0332C1E6R2D801# #0.1pF GJM0332C1E6R3WB01# #0.25pF GJM0332C1E6R3B801# #0.5pF GJM0332C1E6R3D801# #0.5pF GJM0332C1E6R3D801# #0.1pF GJM0332C1E6R4WB01# #0.1pF GJM0332C1E6R4B801# #0.5pF GJM0332C1E6R4CB01# #0.5pF GJM0332C1E6R4CB01# #0.5pF GJM0332C1E6R5WB01# #0.1pF GJM0332C1E6R5WB01# #0.1pF GJM0332C1E6R5B801# #0.5pF GJM0332C1E6R5D801# #0.5pF GJM0332C1E6R5D801# #0.5pF GJM0332C1E6R6B801# #0.5pF GJM0332C1E6R6B801# #0.5pF GJM0332C1E6R6B801# #0.1pF GJM0332C1E6R6CB01# #0.5pF GJM0332C1E6R6CB01# #0.5pF GJM0332C1E6R6CB01# #0.5pF GJM0332C1E6R6CB01# #0.5pF GJM0332C1E6R7WB01# #0.5pF GJM0332C1E6R7WB01# #0.5pF GJM0332C1E6R7WB01# #0.5pF GJM0332C1E6R7CB01# #0.5pF GJM0332C1E6R7CB01# #0.5pF GJM0332C1E6R7DB01# #0.5pF GJM0332C1E6R8WB01# #0.5pF GJM0332C1E6R8WB01# #0.5pF GJM0332C1E6R8WB01# #0.5pF GJM0332C1E6R8WB01# #0.5pF GJM0332C1E6R8WB01# #0.5pF GJM0332C1E6R8WB01# | | | | | - | |
| 6.3pF ±0.05pF GJM0332C1E6R3WB01# ±0.1pF GJM0332C1E6R3BB01# ±0.25pF GJM0332C1E6R3DB01# ±0.5pF GJM0332C1E6R4WB01# ±0.1pF GJM0332C1E6R4WB01# ±0.25pF GJM0332C1E6R4CB01# ±0.5pF GJM0332C1E6R4DB01# ±0.5pF GJM0332C1E6R5WB01# ±0.1pF GJM0332C1E6R5WB01# ±0.25pF GJM0332C1E6R5CB01# ±0.5pF GJM0332C1E6R5DB01# ±0.5pF GJM0332C1E6R5DB01# ±0.5pF GJM0332C1E6R6DB01# ±0.1pF GJM0332C1E6R6BB01# ±0.1pF GJM0332C1E6R6BB01# ±0.25pF GJM0332C1E6R6CB01# ±0.5pF GJM0332C1E6R6CB01# ±0.5pF GJM0332C1E6R6CB01# ±0.5pF GJM0332C1E6R6CB01# ±0.5pF GJM0332C1E6R6CB01# ±0.5pF GJM0332C1E6R7WB01# ±0.5pF GJM0332C1E6R7WB01# ±0.5pF GJM0332C1E6R7WB01# ±0.5pF GJM0332C1E6R7CB01# ±0.5pF GJM0332C1E6R7CB01# ±0.5pF GJM0332C1E6R7CB01# ±0.5pF GJM0332C1E6R7DB01# ±0.5pF GJM0332C1E6R8WB01# ±0.5pF GJM0332C1E6R8WB01# ±0.1pF GJM0332C1E6R8WB01# | | | | | - | |
| #0.1pF GJM0332C1E6R3BB01# #0.25pF GJM0332C1E6R3CB01# #0.5pF GJM0332C1E6R4WB01# #0.1pF GJM0332C1E6R4WB01# #0.25pF GJM0332C1E6R4CB01# #0.5pF GJM0332C1E6R4CB01# #0.5pF GJM0332C1E6R4DB01# #0.5pF GJM0332C1E6R5WB01# #0.1pF GJM0332C1E6R5CB01# #0.5pF GJM0332C1E6R5CB01# #0.5pF GJM0332C1E6R5CB01# #0.5pF GJM0332C1E6R6WB01# #0.5pF GJM0332C1E6R6BB01# #0.5pF GJM0332C1E6R6BB01# #0.5pF GJM0332C1E6R6CB01# #0.5pF GJM0332C1E6R6CB01# #0.5pF GJM0332C1E6R6CB01# #0.5pF GJM0332C1E6R6CB01# #0.5pF GJM0332C1E6R7WB01# #0.5pF GJM0332C1E6R7WB01# #0.5pF GJM0332C1E6R7CB01# #0.5pF GJM0332C1E6R7CB01# #0.5pF GJM0332C1E6R7CB01# #0.5pF GJM0332C1E6R7DB01# #0.5pF GJM0332C1E6R7DB01# #0.5pF GJM0332C1E6R7DB01# #0.5pF GJM0332C1E6R8WB01# #0.5pF GJM0332C1E6R8WB01# #0.5pF GJM0332C1E6R8WB01# | | | | 6.3nF | | |
| #0.25pF GJM0332C1E6R3CB01# #0.5pF GJM0332C1E6R3DB01# #0.1pF GJM0332C1E6R4WB01# #0.25pF GJM0332C1E6R4BB01# #0.25pF GJM0332C1E6R4CB01# #0.5pF GJM0332C1E6R4DB01# #0.1pF GJM0332C1E6R5WB01# #0.1pF GJM0332C1E6R5BB01# #0.25pF GJM0332C1E6R5DB01# #0.5pF GJM0332C1E6R5DB01# #0.5pF GJM0332C1E6R6WB01# #0.1pF GJM0332C1E6R6BB01# #0.1pF GJM0332C1E6R6BB01# #0.5pF GJM0332C1E6R6BB01# #0.5pF GJM0332C1E6R6DB01# #0.5pF GJM0332C1E6R6DB01# #0.5pF GJM0332C1E6R7WB01# #0.5pF GJM0332C1E6R7WB01# #0.1pF GJM0332C1E6R7BB01# #0.25pF GJM0332C1E6R7CB01# #0.5pF GJM0332C1E6R7DB01# #0.5pF GJM0332C1E6R7DB01# #0.5pF GJM0332C1E6R7DB01# #0.5pF GJM0332C1E6R8WB01# #0.5pF GJM0332C1E6R8WB01# #0.5pF GJM0332C1E6R8WB01# #0.5pF GJM0332C1E6R8WB01# #0.5pF GJM0332C1E6R8WB01# | | | | 0.501 | | |
| #0.5pF GJM0332C1E6R3DB01# #0.1pF GJM0332C1E6R4WB01# #0.25pF GJM0332C1E6R4CB01# #0.5pF GJM0332C1E6R4CB01# #0.5pF GJM0332C1E6R5WB01# #0.1pF GJM0332C1E6R5WB01# #0.25pF GJM0332C1E6R5B01# #0.5pF GJM0332C1E6R5DB01# #0.5pF GJM0332C1E6R5DB01# #0.5pF GJM0332C1E6R6WB01# #0.1pF GJM0332C1E6R6BB01# #0.1pF GJM0332C1E6R6BB01# #0.25pF GJM0332C1E6R6CB01# #0.5pF GJM0332C1E6R6DB01# #0.5pF GJM0332C1E6R6DB01# #0.5pF GJM0332C1E6R7WB01# #0.5pF GJM0332C1E6R7WB01# #0.1pF GJM0332C1E6R7CB01# #0.5pF GJM0332C1E6R7CB01# #0.5pF GJM0332C1E6R7DB01# #0.5pF GJM0332C1E6R7DB01# #0.5pF GJM0332C1E6R7DB01# #0.5pF GJM0332C1E6R8WB01# #0.5pF GJM0332C1E6R8WB01# #0.5pF GJM0332C1E6R8WB01# #0.5pF GJM0332C1E6R8WB01# #0.5pF GJM0332C1E6R8WB01# | | | | | - | |
| 6.4pF ±0.05pF GJM0332C1E6R4WB01# ±0.1pF GJM0332C1E6R4BB01# ±0.25pF GJM0332C1E6R4CB01# ±0.5pF GJM0332C1E6R5WB01# ±0.1pF GJM0332C1E6R5WB01# ±0.25pF GJM0332C1E6R5CB01# ±0.5pF GJM0332C1E6R5DB01# ±0.5pF GJM0332C1E6R6WB01# ±0.1pF GJM0332C1E6R6BB01# ±0.25pF GJM0332C1E6R6CB01# ±0.5pF GJM0332C1E6R6CB01# ±0.5pF GJM0332C1E6R6CB01# ±0.5pF GJM0332C1E6R6CB01# ±0.5pF GJM0332C1E6R7WB01# ±0.1pF GJM0332C1E6R7WB01# ±0.1pF GJM0332C1E6R7WB01# ±0.1pF GJM0332C1E6R7CB01# ±0.5pF GJM0332C1E6R7CB01# ±0.5pF GJM0332C1E6R7CB01# ±0.5pF GJM0332C1E6R7CB01# ±0.5pF GJM0332C1E6R7CB01# ±0.5pF GJM0332C1E6R7DB01# ±0.5pF GJM0332C1E6R8WB01# ±0.1pF GJM0332C1E6R8WB01# ±0.1pF GJM0332C1E6R8WB01# | | | | | - | |
| #0.1pF GJM0332C1E6R4BB01# #0.25pF GJM0332C1E6R4CB01# #0.5pF GJM0332C1E6R4DB01# #0.5pF GJM0332C1E6R5WB01# #0.1pF GJM0332C1E6R5BB01# #0.25pF GJM0332C1E6R5CB01# #0.5pF GJM0332C1E6R5CB01# #0.5pF GJM0332C1E6R6WB01# #0.1pF GJM0332C1E6R6BB01# #0.25pF GJM0332C1E6R6CB01# #0.5pF GJM0332C1E6R6CB01# #0.5pF GJM0332C1E6R6CB01# #0.5pF GJM0332C1E6R7WB01# #0.5pF GJM0332C1E6R7WB01# #0.5pF GJM0332C1E6R7CB01# #0.5pF GJM0332C1E6R7CB01# #0.5pF GJM0332C1E6R7CB01# #0.5pF GJM0332C1E6R7DB01# #0.5pF GJM0332C1E6R7DB01# #0.5pF GJM0332C1E6R7DB01# #0.5pF GJM0332C1E6R8WB01# #0.5pF GJM0332C1E6R8WB01# #0.1pF GJM0332C1E6R8WB01# | | | | 0.4.5 | - | |
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| ±0.5pF GJM0332C1E6R4DB01# ±0.05pF GJM0332C1E6R5WB01# ±0.1pF GJM0332C1E6R5BB01# ±0.25pF GJM0332C1E6R5DB01# ±0.5pF GJM0332C1E6R6WB01# ±0.1pF GJM0332C1E6R6WB01# ±0.25pF GJM0332C1E6R6BB01# ±0.25pF GJM0332C1E6R6DB01# ±0.5pF GJM0332C1E6R6DB01# ±0.5pF GJM0332C1E6R7WB01# ±0.1pF GJM0332C1E6R7WB01# ±0.1pF GJM0332C1E6R7CB01# ±0.25pF GJM0332C1E6R7CB01# ±0.5pF GJM0332C1E6R7DB01# ±0.5pF GJM0332C1E6R7DB01# ±0.5pF GJM0332C1E6R8WB01# ±0.5pF GJM0332C1E6R8WB01# ±0.5pF GJM0332C1E6R8WB01# | | | | | ±0.1pF | |
| 6.5pF ±0.05pF GJM0332C1E6R5WB01# ±0.1pF GJM0332C1E6R5BB01# ±0.25pF GJM0332C1E6R5DB01# ±0.5pF GJM0332C1E6R6WB01# ±0.1pF GJM0332C1E6R6WB01# ±0.25pF GJM0332C1E6R6CB01# ±0.5pF GJM0332C1E6R6DB01# ±0.5pF GJM0332C1E6R7WB01# ±0.1pF GJM0332C1E6R7WB01# ±0.1pF GJM0332C1E6R7CB01# ±0.5pF GJM0332C1E6R7CB01# ±0.5pF GJM0332C1E6R7CB01# ±0.5pF GJM0332C1E6R7DB01# ±0.5pF GJM0332C1E6R7DB01# ±0.5pF GJM0332C1E6R8WB01# ±0.1pF GJM0332C1E6R8WB01# ±0.1pF GJM0332C1E6R8WB01# | | | | | ±0.25pF | GJM0332C1E6R4CB01# |
| #0.1pF GJM0332C1E6R5BB01# #0.25pF GJM0332C1E6R5CB01# #0.5pF GJM0332C1E6R5DB01# #0.5pF GJM0332C1E6R6WB01# #0.1pF GJM0332C1E6R6BB01# #0.25pF GJM0332C1E6R6CB01# #0.5pF GJM0332C1E6R6DB01# #0.5pF GJM0332C1E6R7WB01# #0.1pF GJM0332C1E6R7WB01# #0.25pF GJM0332C1E6R7CB01# #0.5pF GJM0332C1E6R7CB01# #0.5pF GJM0332C1E6R7DB01# #0.5pF GJM0332C1E6R7DB01# #0.5pF GJM0332C1E6R8WB01# #0.1pF GJM0332C1E6R8WB01# | | | | | ±0.5pF | GJM0332C1E6R4DB01# |
| ±0.25pF GJM0332C1E6R5CB01# ±0.5pF GJM0332C1E6R5DB01# 6.6pF ±0.05pF GJM0332C1E6R6WB01# ±0.1pF GJM0332C1E6R6BB01# ±0.25pF GJM0332C1E6R6CB01# ±0.5pF GJM0332C1E6R6DB01# ±0.5pF GJM0332C1E6R7WB01# ±0.1pF GJM0332C1E6R7BB01# ±0.25pF GJM0332C1E6R7CB01# ±0.5pF GJM0332C1E6R7CB01# ±0.5pF GJM0332C1E6R7DB01# ±0.5pF GJM0332C1E6R7DB01# ±0.5pF GJM0332C1E6R8WB01# ±0.1pF GJM0332C1E6R8WB01# | | | | 6.5pF | ±0.05pF | GJM0332C1E6R5WB01# |
| # ±0.5pF GJM0332C1E6R5DB01# # ±0.05pF GJM0332C1E6R6WB01# # ±0.1pF GJM0332C1E6R6BB01# # ±0.25pF GJM0332C1E6R6CB01# # ±0.5pF GJM0332C1E6R7WB01# # ±0.1pF GJM0332C1E6R7WB01# # ±0.25pF GJM0332C1E6R7CB01# # ±0.25pF GJM0332C1E6R7CB01# # ±0.5pF GJM0332C1E6R7DB01# # ±0.5pF GJM0332C1E6R8WB01# # ±0.1pF GJM0332C1E6R8WB01# # ±0.1pF GJM0332C1E6R8WB01# | | | | | ±0.1pF | GJM0332C1E6R5BB01# |
| 6.6pF ±0.05pF GJM0332C1E6R6WB01# ±0.1pF GJM0332C1E6R6BB01# ±0.25pF GJM0332C1E6R6CB01# ±0.5pF GJM0332C1E6R6DB01# 6.7pF ±0.05pF GJM0332C1E6R7WB01# ±0.1pF GJM0332C1E6R7BB01# ±0.25pF GJM0332C1E6R7CB01# ±0.5pF GJM0332C1E6R7DB01# 6.8pF ±0.05pF GJM0332C1E6R8WB01# ±0.1pF GJM0332C1E6R8WB01# | | | | | ±0.25pF | GJM0332C1E6R5CB01# |
| ±0.1pF GJM0332C1E6R6BB01# ±0.25pF GJM0332C1E6R6CB01# ±0.5pF GJM0332C1E6R6DB01# 6.7pF ±0.05pF GJM0332C1E6R7WB01# ±0.1pF GJM0332C1E6R7BB01# ±0.25pF GJM0332C1E6R7CB01# ±0.5pF GJM0332C1E6R7DB01# ±0.5pF GJM0332C1E6R8WB01# ±0.1pF GJM0332C1E6R8WB01# | | | | | ±0.5pF | GJM0332C1E6R5DB01# |
| ±0.25pF GJM0332C1E6R6CB01# ±0.5pF GJM0332C1E6R6DB01# 6.7pF ±0.05pF GJM0332C1E6R7WB01# ±0.1pF GJM0332C1E6R7BB01# ±0.25pF GJM0332C1E6R7CB01# ±0.5pF GJM0332C1E6R7DB01# ±0.5pF GJM0332C1E6R8WB01# ±0.1pF GJM0332C1E6R8WB01# | | | | 6.6pF | ±0.05pF | GJM0332C1E6R6WB01# |
| ±0.5pF GJM0332C1E6R6DB01# 6.7pF ±0.05pF GJM0332C1E6R7WB01# ±0.1pF GJM0332C1E6R7CB01# ±0.25pF GJM0332C1E6R7CB01# ±0.5pF GJM0332C1E6R7DB01# ±0.5pF GJM0332C1E6R8WB01# ±0.1pF GJM0332C1E6R8BB01# | | | | | ±0.1pF | GJM0332C1E6R6BB01# |
| 6.7pF ±0.05pF GJM0332C1E6R7WB01# ±0.1pF GJM0332C1E6R7BB01# ±0.25pF GJM0332C1E6R7CB01# ±0.5pF GJM0332C1E6R7DB01# ±0.05pF GJM0332C1E6R8WB01# ±0.1pF GJM0332C1E6R8BB01# | | | | | ±0.25pF | GJM0332C1E6R6CB01# |
| 6.7pF ±0.05pF GJM0332C1E6R7WB01# ±0.1pF GJM0332C1E6R7BB01# ±0.25pF GJM0332C1E6R7CB01# ±0.5pF GJM0332C1E6R7DB01# ±0.05pF GJM0332C1E6R8WB01# ±0.1pF GJM0332C1E6R8BB01# | | | | | - | GJM0332C1E6R6DB01# |
| ±0.1pF GJM0332C1E6R7BB01# ±0.25pF GJM0332C1E6R7CB01# ±0.5pF GJM0332C1E6R7DB01# 6.8pF ±0.05pF GJM0332C1E6R8WB01# ±0.1pF GJM0332C1E6R8BB01# | | | | 6.7pF | - | |
| ±0.25pF GJM0332C1E6R7CB01# ±0.5pF GJM0332C1E6R7DB01# 6.8pF ±0.05pF GJM0332C1E6R8WB01# ±0.1pF GJM0332C1E6R8BB01# | | | | - · · P· | - | |
| ±0.5pF GJM0332C1E6R7DB01# 6.8pF ±0.05pF GJM0332C1E6R8WB01# ±0.1pF GJM0332C1E6R8BB01# | | | | | - | |
| 6.8pF ±0.05pF GJM0332C1E6R8WB01# ±0.1pF GJM0332C1E6R8BB01# | | | | | - | |
| ±0.1pF GJM0332C1E6R8BB01# | | | | 60-5 | - | |
| | | | | o.8p⊢ | - | |
| ±0.25pF GJM0332C1E6R8CB01# | | | | | - | |
| | | | | | ±0.25pF | GJM0332C1E6R8CB01# |

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number | |
|-----------|------------------|------------|-------|---------|--------------------|--|
| 0.33mm | 25Vdc | СН | 6.8pF | ±0.5pF | GJM0332C1E6R8DB01# | |
| | | | 6.9pF | ±0.05pF | GJM0332C1E6R9WB01# | |
| | | | | ±0.1pF | GJM0332C1E6R9BB01# | |
| | | | | ±0.25pF | GJM0332C1E6R9CB01# | |
| | | | | ±0.5pF | GJM0332C1E6R9DB01# | |
| | | | 7.0pF | ±0.05pF | GJM0332C1E7R0WB01# | |
| | | | | ±0.1pF | GJM0332C1E7R0BB01# | |
| | | | | ±0.25pF | GJM0332C1E7R0CB01# | |
| | | | | ±0.5pF | GJM0332C1E7R0DB01# | |
| | | | 7.1pF | ±0.05pF | GJM0332C1E7R1WB01# | |
| | | | | ±0.1pF | GJM0332C1E7R1BB01# | |
| | | | | ±0.25pF | GJM0332C1E7R1CB01# | |
| | | | | ±0.5pF | GJM0332C1E7R1DB01# | |
| | | | 7.2pF | ±0.05pF | GJM0332C1E7R2WB01# | |
| | | | | ±0.1pF | GJM0332C1E7R2BB01# | |
| | | | | ±0.25pF | GJM0332C1E7R2CB01# | |
| | | | | ±0.5pF | GJM0332C1E7R2DB01# | |
| | | | 7.3pF | ±0.05pF | GJM0332C1E7R3WB01# | |
| | | | | ±0.1pF | GJM0332C1E7R3BB01# | |
| | | | | ±0.25pF | GJM0332C1E7R3CB01# | |
| | | | | ±0.5pF | GJM0332C1E7R3DB01# | |
| | | | 7.4pF | ±0.05pF | GJM0332C1E7R4WB01# | |
| | | | | ±0.1pF | GJM0332C1E7R4BB01# | |
| | | | | ±0.25pF | GJM0332C1E7R4CB01# | |
| | | | | ±0.5pF | GJM0332C1E7R4DB01# | |
| | | | 7.5pF | ±0.05pF | GJM0332C1E7R5WB01# | |
| | | | | ±0.1pF | GJM0332C1E7R5BB01# | |
| | | | | ±0.25pF | GJM0332C1E7R5CB01# | |
| | | | | ±0.5pF | GJM0332C1E7R5DB01# | |
| | | | 7.6pF | ±0.05pF | GJM0332C1E7R6WB01# | |
| | | | | ±0.1pF | GJM0332C1E7R6BB01# | |
| | | | | ±0.25pF | | |
| | | | | ±0.5pF | GJM0332C1E7R6DB01# | |
| | | | 7.7pF | ±0.05pF | GJM0332C1E7R7WB01# | |
| | | | | ±0.1pF | GJM0332C1E7R7BB01# | |
| | | | | ±0.25pF | GJM0332C1E7R7CB01# | |
| | | | | ±0.5pF | GJM0332C1E7R7DB01# | |
| | | | 7.8pF | ±0.05pF | | |
| | | | | ±0.1pF | GJM0332C1E7R8BB01# | |
| | | | | ±0.25pF | GJM0332C1E7R8CB01# | |
| | | | 70.5 | ±0.5pF | GJM0332C1E7R8DB01# | |
| | | | 7.9pF | ±0.05pF | GJM0332C1E7R9WB01# | |
| | | | | ±0.1pF | GJM0332C1E7R9BB01# | |
| | | | | ±0.25pF | GJM0332C1E7R9CB01# | |
| | | | 0.0 | ±0.5pF | GJM0332C1E7R9DB01# | |
| | | | 8.0pF | ±0.05pF | GJM0332C1E8R0WB01# | |
| | | | | ±0.1pF | GJM0332C1E8R0BB01# | |
| | | | | ±0.25pF | GJM0332C1E8R0CB01# | |
| | | | 0.1 | ±0.5pF | GJM0332C1E8R0DB01# | |
| | | | 8.1pF | ±0.05pF | GJM0332C1E8R1WB01# | |
| | | | | ±0.1pF | GJM0332C1E8R1BB01# | |
| | | | | ±0.25pF | GJM0332C1E8R1CB01# | |
| | | | 0 0 | ±0.5pF | GJM0332C1E8R1DB01# | |
| | | | 8.2pF | ±0.05pF | GJM0332C1E8R2WB01# | |

| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number |
|-----------|------------------|------------|--------------------|--------------------|--------------------|
| 0.33mm | _ | СН | 8.2pF | ±0.1pF | GJM0332C1E8R2BB01# |
| | | | | ±0.25pF | GJM0332C1E8R2CB01# |
| | | | | ±0.5pF | GJM0332C1E8R2DB01# |
| | | | 8.3pF | ±0.05pF | GJM0332C1E8R3WB01# |
| | | | | ±0.1pF | GJM0332C1E8R3BB01# |
| | | | | ±0.25pF | GJM0332C1E8R3CB01# |
| | | | | ±0.5pF | GJM0332C1E8R3DB01# |
| | | | 8.4pF | ±0.05pF | GJM0332C1E8R4WB01# |
| | | | 0. 4 pi | ±0.1pF | GJM0332C1E8R4BB01# |
| | | | | - | |
| | | | | ±0.25pF | GJM0332C1E8R4CB01# |
| | | | 0.5.5 | ±0.5pF | GJM0332C1E8R4DB01# |
| | | | 8.5pF | ±0.05pF | GJM0332C1E8R5WB01# |
| | | | | ±0.1pF | GJM0332C1E8R5BB01# |
| | | | | ±0.25pF | GJM0332C1E8R5CB01# |
| | | | | ±0.5pF | GJM0332C1E8R5DB01# |
| | | | 8.6pF | ±0.05pF | GJM0332C1E8R6WB01# |
| | | | | ±0.1pF | GJM0332C1E8R6BB01# |
| | | | | ±0.25pF | GJM0332C1E8R6CB01# |
| | | | | ±0.5pF | GJM0332C1E8R6DB01# |
| | | | 8.7pF | ±0.05pF | GJM0332C1E8R7WB01# |
| | | | | ±0.1pF | GJM0332C1E8R7BB01# |
| | | | | ±0.25pF | GJM0332C1E8R7CB01# |
| | | | | ±0.5pF | GJM0332C1E8R7DB01# |
| | | 8.8pF | ±0.05pF | GJM0332C1E8R8WB01# | |
| | | | 8.9pF | ±0.1pF | GJM0332C1E8R8BB01# |
| | | | | ±0.25pF | GJM0332C1E8R8CB01# |
| | | | | ±0.5pF | GJM0332C1E8R8DB01# |
| | | | | ±0.05pF | GJM0332C1E8R9WB01# |
| | | | | ±0.1pF | GJM0332C1E8R9BB01# |
| | | | | ±0.25pF | GJM0332C1E8R9CB01# |
| | | | | ±0.5pF | GJM0332C1E8R9DB01# |
| | | | 9.0pF | ±0.05pF | GJM0332C1E9R0WB01# |
| | | | | ±0.1pF | GJM0332C1E9R0BB01# |
| | | | | ±0.25pF | GJM0332C1E9R0CB01# |
| | | | | ±0.5pF | GJM0332C1E9R0DB01# |
| | | | 9.1pF | ±0.05pF | |
| | | | • | ±0.1pF | GJM0332C1E9R1BB01# |
| | | | | ±0.25pF | |
| | | | | ±0.5pF | GJM0332C1E9R1DB01# |
| | | | 9.2pF | ±0.05pF | GJM0332C1E9R2WB01# |
| | | | J.⊏Pi | ±0.1pF | GJM0332C1E9R2BB01# |
| | | | | ±0.1pi | GJM0332C1E9R2CB01# |
| | | | | - | GJM0332C1E9R2DB01# |
| | | | 0 255 | ±0.5pF | |
| | | | 9.3pF | ±0.05pF | GJM0332C1E9R3WB01# |
| | | | | ±0.1pF | GJM0332C1E9R3BB01# |
| | | | | ±0.25pF | GJM0332C1E9R3CB01# |
| | | | 0.4-5 | ±0.5pF | GJM0332C1E9R3DB01# |
| | | | 9.4pF | ±0.05pF | GJM0332C1E9R4WB01# |
| | | | | ±0.1pF | GJM0332C1E9R4BB01# |
| | | | | ±0.25pF | GJM0332C1E9R4CB01# |
| | | | | ±0.5pF | GJM0332C1E9R4DB01# |
| | | | 9.5pF | ±0.05pF | GJM0332C1E9R5WB01# |
| | | | | ±0.1pF | GJM0332C1E9R5BB01# |
| | | | | ±0.25pF | GJM0332C1E9R5CB01# |

| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number |
|-----------|------------------|------------|-------|---------|--------------------|
| 33mm | 25Vdc | СН | 9.5pF | ±0.5pF | GJM0332C1E9R5DB01# |
| | | | 9.6pF | ±0.05pF | GJM0332C1E9R6WB01# |
| | | | | ±0.1pF | GJM0332C1E9R6BB01# |
| | | | | ±0.25pF | GJM0332C1E9R6CB01# |
| | | | | ±0.5pF | GJM0332C1E9R6DB01# |
| | | | 9.7pF | ±0.05pF | GJM0332C1E9R7WB01# |
| | | | | ±0.1pF | GJM0332C1E9R7BB01# |
| | | | | ±0.25pF | GJM0332C1E9R7CB01# |
| | | | | ±0.5pF | GJM0332C1E9R7DB01# |
| | | | 9.8pF | ±0.05pF | GJM0332C1E9R8WB01# |
| | | | | ±0.1pF | GJM0332C1E9R8BB01# |
| | | | | ±0.25pF | |
| | | | | ±0.5pF | GJM0332C1E9R8DB01# |
| | | | 9.9pF | ±0.05pF | |
| | | | 0.0pi | ±0.05pi | GJM0332C1E9R9BB01# |
| | | | | · · | |
| | | | | ±0.25pF | |
| | | | 10.5 | ±0.5pF | GJM0332C1E9R9DB01# |
| | | | 10pF | ±2% | GJM0332C1E100GB01# |
| | | | | ±5% | GJM0332C1E100JB01# |
| | | | 11pF | ±2% | GJM0332C1E110GB01# |
| | | | | ±5% | GJM0332C1E110JB01# |
| | | | 12pF | ±2% | GJM0332C1E120GB01# |
| | | | | ±5% | GJM0332C1E120JB01# |
| | | | 13pF | ±2% | GJM0332C1E130GB01# |
| | | | | ±5% | GJM0332C1E130JB01# |
| | | | 15pF | ±2% | GJM0332C1E150GB01# |
| | | | | ±5% | GJM0332C1E150JB01# |
| | | | 16pF | ±2% | GJM0332C1E160GB01# |
| | | | | ±5% | GJM0332C1E160JB01# |
| | | | 18pF | ±2% | GJM0332C1E180GB01# |
| | | | | ±5% | GJM0332C1E180JB01# |
| | | | 20pF | ±2% | GJM0332C1E200GB01# |
| | | | | ±5% | GJM0332C1E200JB01# |
| | 6.3Vdc | COG | 22pF | ±2% | GJM0335C0J220GB01# |
| | | | | ±5% | GJM0335C0J220JB01# |
| | | | 24pF | ±2% | GJM0335C0J240GB01# |
| | | | • | ±5% | GJM0335C0J240JB01# |
| | | | 27pF | ±2% | GJM0335C0J270GB01# |
| | | | | ±5% | GJM0335C0J270JB01# |
| | | | 30pF | ±2% | GJM0335C0J300GB01# |
| | | | Cobi | ±5% | GJM0335C0J300JB01# |
| | | | 33pF | ±2% | GJM0335C0J330GB01# |
| | | | oopi | ±5% | |
| | | CLI | 225 | | GJM0335C0J330JB01# |
| | | СН | 22pF | ±2% | GJM0332C0J220GB01# |
| | | | 04.5 | ±5% | GJM0332C0J220JB01# |
| | | | 24pF | ±2% | GJM0332C0J240GB01# |
| | | | | ±5% | GJM0332C0J240JB01# |
| | | | 27pF | ±2% | GJM0332C0J270GB01# |
| | | | | ±5% | GJM0332C0J270JB01# |
| | | | 30pF | ±2% | GJM0332C0J300GB01# |
| | | | | ±5% | GJM0332C0J300JB01# |
| | | | 33pF | ±2% | GJM0332C0J330GB01# |
| | | | | ±5% | GJM0332C0J330JB01# |

■ 1.0×0.5mm Т Rated TC Part Number Cap. Tol Code max. Voltage 0.55mm 50Vdc COG 0.1pF ±0.05pF GJM1555C1HR10WB01# GJM1555C1HR10BB01# ±0.1pF ±0.05pF GJM1555C1HR20WB01# 0.2pF ±0.1pF GJM1555C1HR20BB01# 0.3pF ±0.05pF GJM1555C1HR30WB01# GJM1555C1HR30BB01# ±0.1pF GJM1555C1HR40WB01# 0.4pF ±0.05pF ±0.1pF GJM1555C1HR40BB01# GJM1555C1HR50WB01# 0.5pF ±0.05pF ±0.1pF GJM1555C1HR50BB01# ±0.05pF GJM1555C1HR60WB01# 0.6pF ±0.1pF GJM1555C1HR60BB01# GJM1555C1HR70WB01# 0.7pF ±0.05pF GJM1555C1HR70BB01# ±0.1pF ±0.05pF GJM1555C1HR80WB01# 0.8pF GJM1555C1HR80BB01# ±0.1pF GJM1555C1HR90WB01# 0.9pF ±0.05pF GJM1555C1HR90BB01# ±0.1pF GJM1555C1H1R0WB01# 1.0pF ±0.05pF ±0.1pF GJM1555C1H1R0BB01# GJM1555C1H1R0CB01# ±0.25pF 1.1pF ±0.05pF GJM1555C1H1R1WB01# ±0.1pF GJM1555C1H1R1BB01# GJM1555C1H1R1CB01# ±0.25pF 1.2pF ±0.05pF GJM1555C1H1R2WB01# ±0.1pF GJM1555C1H1R2BB01# ±0.25pF GJM1555C1H1R2CB01# GJM1555C1H1R3WB01# 1.3pF ±0.05pF GJM1555C1H1R3BB01# ±0.1pF GJM1555C1H1R3CB01# ±0.25pF GJM1555C1H1R4WB01# 1.4pF ±0.05pF ±0.1pF GJM1555C1H1R4BB01# ±0.25pF GJM1555C1H1R4CB01# 1.5pF ±0.05pF GJM1555C1H1R5WB01# ±0.1pF GJM1555C1H1R5BB01# ±0.25pF GJM1555C1H1R5CB01# GJM1555C1H1R6WB01# 1.6pF ±0.05pF GJM1555C1H1R6BB01# ±0.1pF GJM1555C1H1R6CB01# ±0.25pF GJM1555C1H1R7WB01# 1.7pF ±0.05pF ±0.1pF GJM1555C1H1R7BB01# ±0.25pF GJM1555C1H1R7CB01# 1.8pF ±0.05pF GJM1555C1H1R8WB01# ±0.1pF GJM1555C1H1R8BB01# ±0.25pF GJM1555C1H1R8CB01# 1.9pF ±0.05pF GJM1555C1H1R9WB01# ±0.1pF GJM1555C1H1R9BB01# GJM1555C1H1R9CB01# ±0.25pF GJM1555C1H2R0WB01# 2.0pF ±0.05pF GJM1555C1H2R0BB01# ±0.1pF ±0.25pF GJM1555C1H2R0CB01#

| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number | |
|-----------|------------------|------------|-------|---------|--------------------|--|
| 0.55mm | 50Vdc | COG | 2.1pF | ±0.1pF | GJM1555C1H2R1BB01# | |
| | | | | ±0.25pF | GJM1555C1H2R1CB01# | |
| | | | 2.2pF | ±0.05pF | GJM1555C1H2R2WB01# | |
| | | | | ±0.1pF | GJM1555C1H2R2BB01# | |
| | | | | ±0.25pF | GJM1555C1H2R2CB01# | |
| | | | 2.3pF | ±0.05pF | GJM1555C1H2R3WB01# | |
| | | | | ±0.1pF | GJM1555C1H2R3BB01# | |
| | | | | ±0.25pF | GJM1555C1H2R3CB01# | |
| | | | 2.4pF | ±0.05pF | GJM1555C1H2R4WB01# | |
| | | | | ±0.1pF | GJM1555C1H2R4BB01# | |
| | | | | ±0.25pF | GJM1555C1H2R4CB01# | |
| | | | 2.5pF | ±0.05pF | GJM1555C1H2R5WB01# | |
| | | | | ±0.1pF | GJM1555C1H2R5BB01# | |
| | | | | ±0.25pF | GJM1555C1H2R5CB01# | |
| | | | 2.6pF | ±0.05pF | GJM1555C1H2R6WB01# | |
| | | | | ±0.1pF | GJM1555C1H2R6BB01# | |
| | | | | ±0.25pF | GJM1555C1H2R6CB01# | |
| | | | 2.7pF | ±0.05pF | GJM1555C1H2R7WB01# | |
| | | | | ±0.1pF | GJM1555C1H2R7BB01# | |
| | | | | ±0.25pF | GJM1555C1H2R7CB01# | |
| | | | 2.8pF | ±0.05pF | GJM1555C1H2R8WB01# | |
| | | | | ±0.1pF | GJM1555C1H2R8BB01# | |
| | | | | ±0.25pF | GJM1555C1H2R8CB01# | |
| | | | 2.9pF | ±0.05pF | GJM1555C1H2R9WB01# | |
| | | | | ±0.1pF | GJM1555C1H2R9BB01# | |
| | | | | ±0.25pF | GJM1555C1H2R9CB01# | |
| | | | 3.0pF | ±0.05pF | GJM1555C1H3R0WB01# | |
| | | | | ±0.1pF | GJM1555C1H3R0BB01# | |
| | | | | ±0.25pF | GJM1555C1H3R0CB01# | |
| | | | 3.1pF | ±0.05pF | GJM1555C1H3R1WB01# | |
| | | | | ±0.1pF | GJM1555C1H3R1BB01# | |
| | | | | ±0.25pF | GJM1555C1H3R1CB01# | |
| | | | 3.2pF | ±0.05pF | GJM1555C1H3R2WB01# | |
| | | | | ±0.1pF | GJM1555C1H3R2BB01# | |
| | | | | ±0.25pF | GJM1555C1H3R2CB01# | |
| | | | 3.3pF | ±0.05pF | GJM1555C1H3R3WB01# | |
| | | | | ±0.1pF | GJM1555C1H3R3BB01# | |
| | | | | ±0.25pF | GJM1555C1H3R3CB01# | |
| | | | 3.4pF | ±0.05pF | GJM1555C1H3R4WB01# | |
| | | | | ±0.1pF | GJM1555C1H3R4BB01# | |
| | | | | ±0.25pF | GJM1555C1H3R4CB01# | |
| | | | 3.5pF | ±0.05pF | GJM1555C1H3R5WB01# | |
| | | | | ±0.1pF | GJM1555C1H3R5BB01# | |
| | | | | ±0.25pF | GJM1555C1H3R5CB01# | |
| | | | 3.6pF | ±0.05pF | GJM1555C1H3R6WB01# | |
| | | | | ±0.1pF | GJM1555C1H3R6BB01# | |
| | | | | ±0.25pF | GJM1555C1H3R6CB01# | |
| | | | 3.7pF | ±0.05pF | GJM1555C1H3R7WB01# | |
| | | | | ±0.1pF | GJM1555C1H3R7BB01# | |
| | | | | ±0.25pF | GJM1555C1H3R7CB01# | |
| | | | 3.8pF | ±0.05pF | GJM1555C1H3R8WB01# | |
| | | | | ±0.1pF | GJM1555C1H3R8BB01# | |
| | | | | ±0.25pF | GJM1555C1H3R8CB01# | |
| | | | 3.9pF | ±0.05pF | GJM1555C1H3R9WB01# | |

Part number # indicates the package specification code.

2.1pF

±0.05pF

GJM1555C1H2R1WB01#

Capacitor Array GNM Series

GJM Series Temperature Compensating Type Hio Part Number List

Т

max.

0.55mm

■ 1.0×0.5mm)

| (→ ■ 1 | .0×0.5ı | nm) | | | | |
|-----------|------------------|------------|----------------|---------|--------------------|---------|
| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number | |
| 0.55mm | 50Vdc | COG | 3.9pF | ±0.1pF | GJM1555C1H3R9BB01# | |
| | | | | ±0.25pF | GJM1555C1H3R9CB01# | |
| | | | 4.0pF | ±0.05pF | GJM1555C1H4R0WB01# | |
| | | | | ±0.1pF | GJM1555C1H4R0BB01# | |
| | | | | ±0.25pF | GJM1555C1H4R0CB01# | |
| | | | 4.1pF | ±0.05pF | GJM1555C1H4R1WB01# | |
| | | | | ±0.1pF | GJM1555C1H4R1BB01# | |
| | | | | ±0.25pF | GJM1555C1H4R1CB01# | |
| | | | 4.2pF | ±0.05pF | GJM1555C1H4R2WB01# | |
| | | | | ±0.1pF | GJM1555C1H4R2BB01# | |
| | | | | ±0.25pF | GJM1555C1H4R2CB01# | |
| | | | 4.3pF | ±0.05pF | GJM1555C1H4R3WB01# | |
| | | | | ±0.1pF | GJM1555C1H4R3BB01# | |
| | | | | ±0.25pF | GJM1555C1H4R3CB01# | |
| | | | 4.4pF | ±0.05pF | GJM1555C1H4R4WB01# | |
| | | | | ±0.1pF | GJM1555C1H4R4BB01# | |
| | | | | ±0.25pF | GJM1555C1H4R4CB01# | |
| | | | 4.5pF | ±0.05pF | GJM1555C1H4R5WB01# | |
| | | | | ±0.1pF | GJM1555C1H4R5BB01# | |
| | | | | ±0.25pF | GJM1555C1H4R5CB01# | |
| | | | 4.6pF | ±0.05pF | GJM1555C1H4R6WB01# | |
| | | | | ±0.1pF | GJM1555C1H4R6BB01# | |
| | | | | ±0.25pF | GJM1555C1H4R6CB01# | |
| | | | 4.7pF 4.8pF | ±0.05pF | GJM1555C1H4R7WB01# | |
| | | | | ±0.1pF | GJM1555C1H4R7BB01# | |
| | | | | ±0.25pF | GJM1555C1H4R7CB01# | |
| | | | | ±0.05pF | GJM1555C1H4R8WB01# | |
| | | | | ±0.1pF | GJM1555C1H4R8BB01# | |
| | | | | | | ±0.25pF |
| | | | 4.9pF | ±0.05pF | GJM1555C1H4R9WB01# | |
| | | | | ±0.1pF | GJM1555C1H4R9BB01# | |
| | | | | ±0.25pF | GJM1555C1H4R9CB01# | |
| | | | 5.0pF | ±0.05pF | GJM1555C1H5R0WB01# | |
| | | | | ±0.1pF | GJM1555C1H5R0BB01# | |
| | | | | ±0.25pF | GJM1555C1H5R0CB01# | |
| | | | 5.1pF | ±0.05pF | GJM1555C1H5R1WB01# | |
| | | | | ±0.1pF | GJM1555C1H5R1BB01# | |
| | | | | ±0.25pF | GJM1555C1H5R1CB01# | |
| | | | | ±0.5pF | GJM1555C1H5R1DB01# | |
| | | | 5.2pF | ±0.05pF | GJM1555C1H5R2WB01# | |
| | | | | ±0.1pF | GJM1555C1H5R2BB01# | |
| | | | | ±0.25pF | GJM1555C1H5R2CB01# | |
| | | | | ±0.5pF | GJM1555C1H5R2DB01# | |
| | | | 5.3pF | ±0.05pF | GJM1555C1H5R3WB01# | |
| | | | | ±0.1pF | GJM1555C1H5R3BB01# | |
| | | | | ±0.25pF | GJM1555C1H5R3CB01# | |
| | | | | ±0.5pF | GJM1555C1H5R3DB01# | |
| | | | 5.4pF | ±0.05pF | GJM1555C1H5R4WB01# | |
| | | | | ±0.1pF | GJM1555C1H5R4BB01# | |
| | | | | ±0.25pF | GJM1555C1H5R4CB01# | |
| | | | | ±0.5pF | GJM1555C1H5R4DB01# | |
| | | | 5.5pF | ±0.05pF | GJM1555C1H5R5WB01# | |
| | | | | ±0.1pF | GJM1555C1H5R5BB01# | |
| | | | | ±0.25pF | GJM1555C1H5R5CB01# | |

| Rated Voltage | TC Code | Сар. | Tol. | Part Number | |
|------------------|------------|----------|--------------|---------------------------------|-------|
| 50Vdc | COG | 5.5pF | ±0.5pF | GJM1555C1H5R5DB01# | |
| | | 5.6pF | ±0.05pF | GJM1555C1H5R6WB01# | |
| | | | ±0.1pF | GJM1555C1H5R6BB01# | |
| | | | ±0.25pF | GJM1555C1H5R6CB01# | |
| | | | ±0.5pF | GJM1555C1H5R6DB01# | |
| | | 5.7pF | ±0.05pF | GJM1555C1H5R7WB01# | |
| | | | ±0.1pF | GJM1555C1H5R7BB01# | |
| | | | ±0.25pF | GJM1555C1H5R7CB01# | |
| | | | ±0.5pF | GJM1555C1H5R7DB01# | |
| | | 5.8pF | ±0.05pF | GJM1555C1H5R8WB01# | |
| | | | ±0.1pF | GJM1555C1H5R8BB01# | |
| | | | ±0.25pF | GJM1555C1H5R8CB01# | |
| | | | ±0.5pF | GJM1555C1H5R8DB01# | |
| | | 5.9pF | ±0.05pF | GJM1555C1H5R9WB01# | |
| | | | ±0.1pF | GJM1555C1H5R9BB01# | |
| | | | ±0.25pF | GJM1555C1H5R9CB01# | |
| | | | ±0.5pF | GJM1555C1H5R9DB01# | |
| | | 6.0pF | ±0.05pF | GJM1555C1H6R0WB01# | |
| | | | ±0.1pF | GJM1555C1H6R0BB01# | |
| | | | ±0.25pF | GJM1555C1H6R0CB01# | |
| | | | ±0.5pF | GJM1555C1H6R0DB01# | |
| | | 6.1pF | ±0.05pF | GJM1555C1H6R1WB01# | |
| | | | ±0.1pF | GJM1555C1H6R1BB01# | |
| | | | ±0.25pF | GJM1555C1H6R1CB01# | |
| | | | ±0.5pF | GJM1555C1H6R1DB01# | |
| | | 6.2pF | ±0.05pF | GJM1555C1H6R2WB01# | |
| | | | ±0.1pF | GJM1555C1H6R2BB01# | |
| | | | ±0.25pF | GJM1555C1H6R2CB01# | |
| | | | ±0.5pF | GJM1555C1H6R2DB01# | |
| | | 6.3pF | ±0.05pF | GJM1555C1H6R3WB01# | |
| | | | ±0.1pF | GJM1555C1H6R3BB01# | |
| | | | ±0.25pF | GJM1555C1H6R3CB01# | |
| | | | ±0.5pF | GJM1555C1H6R3DB01# | |
| | | 6.4pF | ±0.05pF | GJM1555C1H6R4WB01# | |
| | | | ±0.1pF | GJM1555C1H6R4BB01# | |
| | | | ±0.25pF | GJM1555C1H6R4CB01# | |
| | | | ±0.5pF | GJM1555C1H6R4DB01# | |
| | | 6.5pF | ±0.05pF | GJM1555C1H6R5WB01# | |
| | | | ±0.1pF | GJM1555C1H6R5BB01# | |
| | | | ±0.25pF | GJM1555C1H6R5CB01# | |
| | | | ±0.5pF | GJM1555C1H6R5DB01# | |
| | | 6.6pF | ±0.05pF | GJM1555C1H6R6WB01# | |
| | | | ±0.1pF | GJM1555C1H6R6BB01# | |
| | | | ±0.25pF | GJM1555C1H6R6CB01# | |
| | | | ±0.5pF | GJM1555C1H6R6DB01# | |
| | | 6.7pF | ±0.05pF | GJM1555C1H6R7WB01# | |
| | | | ±0.1pF | GJM1555C1H6R7BB01# | |
| | | | ±0.25pF | GJM1555C1H6R7CB01# | |
| | | | ±0.5pF | GJM1555C1H6R7DB01# | |
| | | 6.8pF | ±0.05pF | GJM1555C1H6R8WB01# | |
| | | | ±0.1pF | GJM1555C1H6R8BB01# | |
| | | | ±0.25pF | GJM1555C1H6R8CB01# | |
| | | | ±0.5pF | GJM1555C1H6R8DB01# | |
| | | 6.9pF | ±0.05pF | GJM1555C1H6R9WB01# | |
| | | Part nur | nber # indic | cates the package specification | code. |



| (1 | .0×0.5r | mm) | | | |
|-----------|------------------|------------|-------|---------|--------------------|
| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number |
| 0.55mm | 50Vdc | COG | 6.9pF | ±0.1pF | GJM1555C1H6R9BB01# |
| | | | | ±0.25pF | GJM1555C1H6R9CB01# |
| | | | | ±0.5pF | GJM1555C1H6R9DB01# |
| | | | 7.0pF | ±0.05pF | GJM1555C1H7R0WB01# |
| | | | | ±0.1pF | GJM1555C1H7R0BB01# |
| | | | | ±0.25pF | GJM1555C1H7R0CB01# |
| | | | | ±0.5pF | GJM1555C1H7R0DB01# |
| | | | 7.1pF | ±0.05pF | GJM1555C1H7R1WB01# |
| | | | | ±0.1pF | GJM1555C1H7R1BB01# |
| | | | | ±0.25pF | GJM1555C1H7R1CB01# |
| | | | | ±0.5pF | GJM1555C1H7R1DB01# |
| | | | 7.2pF | ±0.05pF | GJM1555C1H7R2WB01# |
| | | | | ±0.1pF | GJM1555C1H7R2BB01# |
| | | | | ±0.25pF | GJM1555C1H7R2CB01# |
| | | | | ±0.5pF | GJM1555C1H7R2DB01# |
| | | | 7.3pF | ±0.05pF | GJM1555C1H7R3WB01# |
| | | | | ±0.1pF | GJM1555C1H7R3BB01# |
| | | | | ±0.25pF | GJM1555C1H7R3CB01# |
| | | | | ±0.5pF | GJM1555C1H7R3DB01# |
| | | | 7.4pF | ±0.05pF | GJM1555C1H7R4WB01# |
| | | | | ±0.1pF | GJM1555C1H7R4BB01# |
| | | | | ±0.25pF | GJM1555C1H7R4CB01# |
| | | | | ±0.5pF | GJM1555C1H7R4DB01# |
| | | | 7.5pF | ±0.05pF | GJM1555C1H7R5WB01# |
| | | | | ±0.1pF | GJM1555C1H7R5BB01# |
| | | | | ±0.25pF | GJM1555C1H7R5CB01# |
| | | | | ±0.5pF | GJM1555C1H7R5DB01# |
| | | | 7.6pF | ±0.05pF | GJM1555C1H7R6WB01# |
| | | | | ±0.1pF | GJM1555C1H7R6BB01# |
| | | | | ±0.25pF | GJM1555C1H7R6CB01# |
| | | | | ±0.5pF | GJM1555C1H7R6DB01# |
| | | | 7.7pF | ±0.05pF | GJM1555C1H7R7WB01# |
| | | | | ±0.1pF | GJM1555C1H7R7BB01# |
| | | | | ±0.25pF | GJM1555C1H7R7CB01# |
| | | | | ±0.5pF | GJM1555C1H7R7DB01# |
| | | | 7.8pF | ±0.05pF | GJM1555C1H7R8WB01# |
| | | | | ±0.1pF | GJM1555C1H7R8BB01# |
| | | | | ±0.25pF | GJM1555C1H7R8CB01# |
| | | | | ±0.5pF | GJM1555C1H7R8DB01# |
| | | | 7.9pF | ±0.05pF | GJM1555C1H7R9WB01# |
| | | | | ±0.1pF | GJM1555C1H7R9BB01# |
| | | | | ±0.25pF | GJM1555C1H7R9CB01# |
| | | | | ±0.5pF | GJM1555C1H7R9DB01# |
| | | | 8.0pF | ±0.05pF | GJM1555C1H8R0WB01# |
| | | | | ±0.1pF | GJM1555C1H8R0BB01# |
| | | | | ±0.25pF | GJM1555C1H8R0CB01# |
| | | | | ±0.5pF | GJM1555C1H8R0DB01# |
| | | | 8.1pF | ±0.05pF | GJM1555C1H8R1WB01# |
| | | | | ±0.1pF | GJM1555C1H8R1BB01# |
| | | | | ±0.25pF | GJM1555C1H8R1CB01# |
| | | | | ±0.5pF | GJM1555C1H8R1DB01# |
| | | | 8.2pF | ±0.05pF | GJM1555C1H8R2WB01# |
| | | | | ±0.1pF | GJM1555C1H8R2BB01# |
| | | | | ±0.25pF | GJM1555C1H8R2CB01# |

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number | |
|-----------|------------------|------------|-------|-------------------|--|------|
| 0.55mm | 50Vdc | COG | 8.2pF | ±0.5pF | GJM1555C1H8R2DB01# | |
| | | | 8.3pF | ±0.05pF | GJM1555C1H8R3WB01# | |
| | | | | ±0.1pF | GJM1555C1H8R3BB01# | |
| | | | | ±0.25pF | GJM1555C1H8R3CB01# | |
| | | | | ±0.5pF | GJM1555C1H8R3DB01# | |
| | | | 8.4pF | ±0.05pF | GJM1555C1H8R4WB01# | |
| | | | | ±0.1pF | GJM1555C1H8R4BB01# | |
| | | | | ±0.25pF | GJM1555C1H8R4CB01# | |
| | | | | ±0.5pF | GJM1555C1H8R4DB01# | |
| | | | 8.5pF | ±0.05pF | GJM1555C1H8R5WB01# | |
| | | | | ±0.1pF | GJM1555C1H8R5BB01# | |
| | | | | ±0.25pF | GJM1555C1H8R5CB01# | |
| | | | | ±0.5pF | GJM1555C1H8R5DB01# | |
| | | | 8.6pF | ±0.05pF | GJM1555C1H8R6WB01# | |
| | | | | ±0.1pF | GJM1555C1H8R6BB01# | |
| | | | | ±0.25pF | GJM1555C1H8R6CB01# | |
| | | | | ±0.5pF | GJM1555C1H8R6DB01# | |
| | | | 8.7pF | ±0.05pF | GJM1555C1H8R7WB01# | |
| | | | | ±0.1pF | GJM1555C1H8R7BB01# | |
| | | | | ±0.25pF | GJM1555C1H8R7CB01# | |
| | | | | ±0.5pF | GJM1555C1H8R7DB01# | |
| | | | 8.8pF | ±0.05pF | GJM1555C1H8R8WB01# | |
| | | | | ±0.1pF | GJM1555C1H8R8BB01# | |
| | | | | ±0.25pF | GJM1555C1H8R8CB01# | |
| | | | | ±0.5pF | GJM1555C1H8R8DB01# | |
| | | | 8.9pF | ±0.05pF | GJM1555C1H8R9WB01# | |
| | | | | ±0.1pF | GJM1555C1H8R9BB01# | |
| | | | | ±0.25pF | GJM1555C1H8R9CB01# | |
| | | | 0.0-5 | ±0.5pF | GJM1555C1H8R9DB01# | |
| | | | 9.0pF | ±0.05pF | GJM1555C1H9R0WB01# | |
| | | | | ±0.1pF | GJM1555C1H9R0BB01# | |
| | | | | ±0.25pF | GJM1555C1H9R0CB01# | |
| | | | 0.1nE | ±0.5pF | GJM1555C1H9R0DB01# GJM1555C1H9R1WB01# | |
| | | | 9.1pF | ±0.05pF ±0.1pF | GJM1555C1H9R1BB01# | |
| | | | | ±0.1pi | GJM1555C1H9R1CB01# | |
| | | | | ±0.5pF | GJM1555C1H9R1DB01# | |
| | | | 9.2pF | ±0.05pF | GJM1555C1H9R2WB01# | |
| | | | υ.Ζμι | ±0.05pF | GJM1555C1H9R2BB01# | |
| | | | | ±0.25pF | GJM1555C1H9R2CB01# | |
| | | | | ±0.5pF | GJM1555C1H9R2DB01# | |
| | | | 9.3pF | ±0.05pF | GJM1555C1H9R3WB01# | |
| | | | J.001 | ±0.1pF | GJM1555C1H9R3BB01# | |
| | | | | ±0.25pF | GJM1555C1H9R3CB01# | |
| | | | | ±0.5pF | GJM1555C1H9R3DB01# | |
| | | | 9.4pF | ±0.05pF | GJM1555C1H9R4WB01# | |
| | | | | ±0.1pF | GJM1555C1H9R4BB01# | |
| | | | | ±0.25pF | GJM1555C1H9R4CB01# | |
| | | | | ±0.5pF | GJM1555C1H9R4DB01# | |
| | | | 9.5pF | ±0.05pF | GJM1555C1H9R5WB01# | |
| | | | | ±0.1pF | GJM1555C1H9R5BB01# | |
| | | | | ±0.25pF | GJM1555C1H9R5CB01# | |
| | | | | ±0.5pF | GJM1555C1H9R5DB01# | |
| | | | 9.6pF | ±0.05pF | GJM1555C1H9R6WB01# | |
| | 1 | - | | | cates the package specification | code |

Capacitor Array GNM Series

GJM Series Temperature Compensating Type Hio **Part Number List**

Т max. 0.55mm

(→ **■** 1.0×0.5mm)

| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number |
|-----------|------------------|------------|-------|--------------------|--------------------|
| .55mm | 50Vdc | COG | 9.6pF | ±0.1pF | GJM1555C1H9R6BB01# |
| | | | | ±0.25pF | GJM1555C1H9R6CB01# |
| | | | | ±0.5pF | GJM1555C1H9R6DB01# |
| | | | 9.7pF | ±0.05pF | GJM1555C1H9R7WB01# |
| | | | | ±0.1pF | GJM1555C1H9R7BB01# |
| | | | | ±0.25pF | GJM1555C1H9R7CB01# |
| | | | | ±0.5pF | GJM1555C1H9R7DB01# |
| | | | 9.8pF | ±0.05pF | GJM1555C1H9R8WB01# |
| | | | | ±0.1pF | GJM1555C1H9R8BB01# |
| | | | | ±0.25pF | GJM1555C1H9R8CB01# |
| | | | | ±0.5pF | GJM1555C1H9R8DB01# |
| | | | 9.9pF | ±0.05pF | GJM1555C1H9R9WB01# |
| | | | | ±0.1pF | GJM1555C1H9R9BB01# |
| | | | | ±0.25pF | GJM1555C1H9R9CB01# |
| | | | | ±0.5pF | GJM1555C1H9R9DB01# |
| | | | 10pF | ±2% | GJM1555C1H100GB01# |
| | | | iopi | ±5% | GJM1555C1H100JB01# |
| | | | 11nE | ±2% | GJM1555C1H110GB01# |
| | | | 11pF | ±5% | GJM1555C1H110JB01# |
| | | | 1055 | | |
| | | | 12pF | ±2% | GJM1555C1H120GB01# |
| | | 10-5 | ±5% | GJM1555C1H120JB01# | |
| | | 13pF | ±2% | GJM1555C1H130GB01# | |
| | | 15pF | ±5% | GJM1555C1H130JB01# | |
| | | тэрг | ±2% | GJM1555C1H150GB01# | |
| | | | ±5% | GJM1555C1H150JB01# | |
| | | 16pF | ±2% | GJM1555C1H160GB01# | |
| | | | 10.5 | ±5% | GJM1555C1H160JB01# |
| | | | 18pF | ±2% | GJM1555C1H180GB01# |
| | | | | ±5% | GJM1555C1H180JB01# |
| | | | 20pF | ±2% | GJM1555C1H200GB01# |
| | | | | ±5% | GJM1555C1H200JB01# |
| | | | 22pF | ±1% | GJM1555C1H220FB01# |
| | | | | ±2% | GJM1555C1H220GB01# |
| | | | | ±5% | GJM1555C1H220JB01# |
| | | | 24pF | ±1% | GJM1555C1H240FB01# |
| | | | | ±2% | GJM1555C1H240GB01# |
| | | | | ±5% | GJM1555C1H240JB01# |
| | | | 27pF | ±1% | GJM1555C1H270FB01# |
| | | | | ±2% | GJM1555C1H270GB01# |
| | | | | ±5% | GJM1555C1H270JB01# |
| | | | 30pF | ±1% | GJM1555C1H300FB01# |
| | | | | ±2% | GJM1555C1H300GB01# |
| | | | | ±5% | GJM1555C1H300JB01# |
| | | | 33pF | ±1% | GJM1555C1H330FB01# |
| | | | ' | ±2% | GJM1555C1H330GB01# |
| | | | | ±5% | GJM1555C1H330JB01# |
| | | | 36pF | ±1% | GJM1555C1H360FB01# |
| | | | σομΓ | | GJM1555C1H360GB01# |
| | | | | ±2% | |
| | | | 00-5 | ±5% | GJM1555C1H360JB01# |
| | | | 39pF | ±1% | GJM1555C1H390FB01# |
| | | | | ±2% | GJM1555C1H390GB01# |
| | | | | ±5% | GJM1555C1H390JB01# |
| | | | 43pF | ±1% | GJM1555C1H430FB01# |
| | | | | ±2% | GJM1555C1H430GB01# |

| Rated Voltage | TC Code | Сар. | Tol. | Part Number |
|------------------|------------|-------|-------------------|--|
| 50Vdc | COG | 43pF | ±5% | GJM1555C1H430JB01# |
| | | 47pF | ±1% | GJM1555C1H470FB01# |
| | | | ±2% | GJM1555C1H470GB01# |
| | | | ±5% | GJM1555C1H470JB01# |
| | CK | 0.1pF | ±0.05pF | GJM1554C1HR10WB01# |
| | | | ±0.1pF | GJM1554C1HR10BB01# |
| | | 0.2pF | ±0.05pF | GJM1554C1HR20WB01# |
| | | | ±0.1pF | GJM1554C1HR20BB01# |
| | | 0.3pF | ±0.05pF | GJM1554C1HR30WB01# |
| | | | ±0.1pF | GJM1554C1HR30BB01# |
| | | 0.4pF | ±0.05pF | GJM1554C1HR40WB01# |
| | | | ±0.1pF | GJM1554C1HR40BB01# |
| | | 0.5pF | ±0.05pF | GJM1554C1HR50WB01# |
| | | | ±0.1pF | GJM1554C1HR50BB01# |
| | | 0.6pF | ±0.05pF | GJM1554C1HR60WB01# |
| | | | ±0.1pF | GJM1554C1HR60BB01# |
| | | 0.7pF | ±0.05pF | GJM1554C1HR70WB01# |
| | | | ±0.1pF | GJM1554C1HR70BB01# |
| | | 0.8pF | ±0.05pF | GJM1554C1HR80WB01# |
| | | | ±0.1pF | GJM1554C1HR80BB01# |
| | | 0.9pF | ±0.05pF | GJM1554C1HR90WB01# |
| | | | ±0.1pF | GJM1554C1HR90BB01# |
| | | 1.0pF | ±0.05pF | GJM1554C1H1R0WB01# |
| | | | ±0.1pF | GJM1554C1H1R0BB01# |
| | | | ±0.25pF | GJM1554C1H1R0CB01# |
| | | 1.1pF | ±0.05pF | GJM1554C1H1R1WB01# |
| | | | ±0.1pF | GJM1554C1H1R1BB01# |
| | | | ±0.25pF | GJM1554C1H1R1CB01# |
| | | 1.2pF | ±0.05pF | GJM1554C1H1R2WB01# |
| | | | ±0.1pF | GJM1554C1H1R2BB01# |
| | | | ±0.25pF | GJM1554C1H1R2CB01# |
| | | 1.3pF | ±0.05pF | GJM1554C1H1R3WB01# |
| | | | ±0.1pF | GJM1554C1H1R3BB01# |
| | | | ±0.25pF | GJM1554C1H1R3CB01# |
| | | 1.4pF | ±0.05pF | GJM1554C1H1R4WB01# |
| | | | ±0.1pF | GJM1554C1H1R4BB01# |
| | | | ±0.25pF | GJM1554C1H1R4CB01# |
| | | 1.5pF | ±0.05pF | GJM1554C1H1R5WB01# |
| | | | ±0.1pF | GJM1554C1H1R5BB01# |
| | | 10-5 | ±0.25pF | GJM1554C1H1R5CB01# |
| | | 1.6pF | ±0.05pF | GJM1554C1H1R6WB01# |
| | | | ±0.1pF | GJM1554C1H1R6BB01# |
| | | 4 7-5 | ±0.25pF | GJM1554C1H1R6CB01# |
| | | 1.7pF | ±0.05pF | GJM1554C1H1R7WB01# |
| | | | ±0.1pF | GJM1554C1H1R7BB01# |
| | | 1 255 | ±0.25pF | GJM1554C1H1R7CB01# |
| | | 1.8pF | ±0.05pF | GJM1554C1H1R8WB01# |
| | | | ±0.1pF ±0.25pF | GJM1554C1H1R8BB01# GJM1554C1H1R8CB01# |
| | | 1.9pF | ±0.25pF | GJM1554C1H1R9WB01# |
| | | 1.3pF | ±0.05pF | GJM1554C1H1R9WB01# |
| | | | ±0.1pF | GJM1554C1H1R9CB01# |
| | | 2.0pF | ±0.25pF | GJM1554C1H1R9CB01# |
| | | 2.0pi | ±0.05pF | GJM1554C1H2R0BB01# |
| | | | | cates the package specification code |

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| | .0×0.5ı | , | | | |
|-----------|------------------|------------|--------|--|--------------------|
| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number |
| .55mm | 50Vdc | CK | 2.0pF | ±0.25pF | GJM1554C1H2R0CB01# |
| | | CJ | 2.1pF | ±0.05pF | GJM1553C1H2R1WB01# |
| | | | | ±0.1pF | GJM1553C1H2R1BB01# |
| | | | | ±0.25pF | GJM1553C1H2R1CB01# |
| | | | 2.2pF | ±0.05pF | GJM1553C1H2R2WB01# |
| | | | | ±0.1pF | GJM1553C1H2R2BB01# |
| | | | | ±0.25pF | GJM1553C1H2R2CB01# |
| | | | 2.3pF | ±0.05pF | GJM1553C1H2R3WB01# |
| | | | | ±0.1pF | GJM1553C1H2R3BB01# |
| | | | | ±0.25pF | GJM1553C1H2R3CB01# |
| | | | 2.4pF | ±0.05pF | GJM1553C1H2R4WB01# |
| | | | | ±0.1pF | GJM1553C1H2R4BB01# |
| | | | | ±0.25pF | GJM1553C1H2R4CB01# |
| | | | 2.5pF | ±0.05pF | GJM1553C1H2R5WB01# |
| | | | • | ±0.1pF | GJM1553C1H2R5BB01# |
| | | | | ±0.25pF | GJM1553C1H2R5CB01# |
| | | | 2.6pF | ±0.05pF | GJM1553C1H2R6WB01# |
| | | | | ±0.1pF | GJM1553C1H2R6BB01# |
| | | | | ±0.25pF | GJM1553C1H2R6CB01# |
| | | | 2.7pF | ±0.05pF | GJM1553C1H2R7WB01# |
| | | | Z., p. | ±0.1pF | GJM1553C1H2R7BB01# |
| | | | | ±0.25pF | GJM1553C1H2R7CB01# |
| | | | 2.8pF | ±0.05pF | GJM1553C1H2R8WB01# |
| | | | 2.ομι | - | |
| | | | ±0.1pF | GJM1553C1H2R8BB01# GJM1553C1H2R8CB01# | |
| | | | 2.9pF | ±0.25pF | |
| | | | 2.9pr | ±0.05pF | GJM1553C1H2R9WB01# |
| | | | | ±0.1pF | GJM1553C1H2R9BB01# |
| | | | 0.0-5 | ±0.25pF | GJM1553C1H2R9CB01# |
| | | | 3.0pF | ±0.05pF | GJM1553C1H3R0WB01# |
| | | | | ±0.1pF | GJM1553C1H3R0BB01# |
| | | | | ±0.25pF | GJM1553C1H3R0CB01# |
| | | | 3.1pF | ±0.05pF | GJM1553C1H3R1WB01# |
| | | | | ±0.1pF | GJM1553C1H3R1BB01# |
| | | | | ±0.25pF | GJM1553C1H3R1CB01# |
| | | | 3.2pF | ±0.05pF | GJM1553C1H3R2WB01# |
| | | | | ±0.1pF | GJM1553C1H3R2BB01# |
| | | | | ±0.25pF | GJM1553C1H3R2CB01# |
| | | | 3.3pF | ±0.05pF | GJM1553C1H3R3WB01# |
| | | | | ±0.1pF | GJM1553C1H3R3BB01# |
| | | | | ±0.25pF | GJM1553C1H3R3CB01# |
| | | | 3.4pF | ±0.05pF | GJM1553C1H3R4WB01# |
| | | | | ±0.1pF | GJM1553C1H3R4BB01# |
| | | | | ±0.25pF | GJM1553C1H3R4CB01# |
| | | | 3.5pF | ±0.05pF | GJM1553C1H3R5WB01# |
| | | | | ±0.1pF | GJM1553C1H3R5BB01# |
| | | | | ±0.25pF | GJM1553C1H3R5CB01# |
| | | | 3.6pF | ±0.05pF | GJM1553C1H3R6WB01# |
| | | | - | ±0.1pF | GJM1553C1H3R6BB01# |
| | | | | ±0.25pF | GJM1553C1H3R6CB01# |
| | | | 3.7pF | ±0.05pF | GJM1553C1H3R7WB01# |
| | | | - F: | ±0.1pF | GJM1553C1H3R7BB01# |
| | | | | ±0.25pF | GJM1553C1H3R7CB01# |
| | | | 3.8pF | ±0.05pF | GJM1553C1H3R8WB01# |
| | 1 | | 0.0pi | ±0.00pi | |

| 0.55mm 50Vdc CJ 3.8pF ±0.25pF GJM1553C1H3R9CB01# 3.9pF ±0.05pF GJM1553C1H3R9BB01# ±0.1pF GJM1553C1H3R9BB01# ±0.25pF GJM1553C1H3R9BB01# ±0.25pF GJM1552C1H4R0BB01# ±0.25pF GJM1552C1H4R0BB01# ±0.25pF GJM1552C1H4R0BB01# ±0.25pF GJM1552C1H4R0BB01# ±0.25pF GJM1552C1H4R1BB01# ±0.25pF GJM1552C1H4R1BB01# ±0.25pF GJM1552C1H4R2BB01# ±0.25pF GJM1552C1H4R2BB01# ±0.25pF GJM1552C1H4R3BB01# ±0.25pF GJM1552C1H5R0WB01# ±0.25pF GJM1552C1 | T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number | |
|--|-----------|------------------|------------|-------|---------|--------------------|--|
| 3.9pF | 0.55mm | 50Vdc | CJ | 3.8pF | ±0.25pF | GJM1553C1H3R8CB01# | |
| #0.5pF GJM1552C1H4R0WB01# #0.1pF GJM1552C1H4R0WB01# #0.1pF GJM1552C1H4R1WB01# #0.1pF GJM1552C1H4R1WB01# #0.1pF GJM1552C1H4R1BB01# #0.2pF GJM1552C1H4R1BB01# #0.2pF GJM1552C1H4R1BB01# #0.2pF GJM1552C1H4R2WB01# #0.1pF GJM1552C1H4R2WB01# #0.1pF GJM1552C1H4R3BB01# #0.1pF GJM1552C1H4R3BB01# #0.1pF GJM1552C1H4R3BB01# #0.2pF GJM1552C1H4R3BB01# #0.2pF GJM1552C1H4R3BB01# #0.1pF GJM1552C1H4R3BB01# #0.1pF GJM1552C1H4R3BB01# #0.1pF GJM1552C1H4R3BB01# #0.1pF GJM1552C1H4R3BB01# #0.1pF GJM1552C1H4R3BB01# #0.1pF GJM1552C1H4R5BB01# #0.1pF GJM1552C1H4R5BB01# #0.5pF GJM1552C1H4R6BB01# #0.5pF GJM1552C1H4R6BB01# #0.5pF GJM1552C1H4R6BB01# #0.1pF GJM1552C1H4R6BB01# #0.1pF GJM1552C1H4R6BB01# #0.1pF GJM1552C1H4R6BB01# #0.1pF GJM1552C1H4R8BB01# #0.1pF GJM1552C1H5R0BB01# #0.1pF GJM1552C1H5R0BB01# #0.2pF GJM1552C1H5R0BB01# #0.5pF GJM1552C1H5R0BB01# | | | | 3.9pF | ±0.05pF | GJM1553C1H3R9WB01# | |
| CH 4.0pF ±0.05pF GJM1552C1H4R0WB01# ±0.1pF GJM1552C1H4R1WB01# ±0.1pF GJM1552C1H4R1WB01# ±0.1pF GJM1552C1H4R1WB01# ±0.25pF GJM1552C1H4R1WB01# ±0.25pF GJM1552C1H4R1WB01# ±0.25pF GJM1552C1H4R1WB01# ±0.25pF GJM1552C1H4R3WB01# ±0.25pF GJM1552C1H4R5BB01# ±0.25pF GJM1552C1H4R5BB01# ±0.25pF GJM1552C1H4R5BB01# ±0.25pF GJM1552C1H4R5BB01# ±0.25pF GJM1552C1H4R6BB01# ±0.25pF GJM1552C1H4R6BB01# ±0.25pF GJM1552C1H4R6BB01# ±0.25pF GJM1552C1H4R6BB01# ±0.25pF GJM1552C1H4R7BB01# ±0.25pF GJM1552C1H4R7BB01# ±0.25pF GJM1552C1H4R7BB01# ±0.25pF GJM1552C1H4R7BB01# ±0.25pF GJM1552C1H4R8BB01# ±0.25pF GJM1552C1H4R8BB01# ±0.25pF GJM1552C1H4R8BB01# ±0.25pF GJM1552C1H4R8BB01# ±0.25pF GJM1552C1H4R8BB01# ±0.25pF GJM1552C1H4R9BB01# ±0.25pF GJM1552C1H4R9BB01# ±0.25pF GJM1552C1H4R9BB01# ±0.25pF GJM1552C1H4R9BB01# ±0.25pF GJM1552C1H4R9BB01# ±0.25pF GJM1552C1H4R9BB01# ±0.25pF GJM1552C1H5R0WB01# ±0.25pF GJM1552C1H5R0WB01# ±0.25pF GJM1552C1H5R0WB01# ±0.25pF GJM1552C1H5R0WB01# ±0.25pF GJM1552C1H5R1BB01# ±0.25pF GJM1552C1H5R3BB01# ±0.5pF G | | | | | ±0.1pF | GJM1553C1H3R9BB01# | |
| ### ### ############################## | | | | | ±0.25pF | GJM1553C1H3R9CB01# | |
| #0.25pF GJM1552C1H4R1CB01# #0.1pF GJM1552C1H4R1CB01# #0.25pF GJM1552C1H4R1CB01# #0.25pF GJM1552C1H4R1CB01# #0.1pF GJM1552C1H4R2BB01# #0.25pF GJM1552C1H4R2BB01# #0.25pF GJM1552C1H4R3WB01# #0.25pF GJM1552C1H4R3WB01# #0.25pF GJM1552C1H4R3WB01# #0.25pF GJM1552C1H4R3WB01# #0.25pF GJM1552C1H4R3WB01# #0.25pF GJM1552C1H4R3WB01# #0.25pF GJM1552C1H4R4BB01# #0.25pF GJM1552C1H4R4BB01# #0.25pF GJM1552C1H4R5WB01# #0.25pF GJM1552C1H4R5WB01# #0.25pF GJM1552C1H4R5WB01# #0.25pF GJM1552C1H4R5WB01# #0.25pF GJM1552C1H4R6BB01# #0.25pF GJM1552C1H4R8WB01# #0.1pF GJM1552C1H4R8WB01# #0.25pF GJM1552C1H4RBB01# #0.25pF GJM1552C1H4RBB01# #0.25pF GJM1552C1H4RBB01# #0.25pF GJM1552C1H5R0WB01# #0.25pF GJM1552C1H5R0WB01# #0.25pF GJM1552C1H5R0WB01# #0.25pF GJM1552C1H5R0WB01# #0.5pF GJM1552C1H5R1BB01# #0.5pF GJM1552C1H5R3BB01# #0.5pF GJM1552C1H5R4BB01# #0.5pF GJM1552C1H5R4BB01# #0.5pF | | | СН | 4.0pF | ±0.05pF | GJM1552C1H4R0WB01# | |
| 4.1pF | | | | | ±0.1pF | GJM1552C1H4R0BB01# | |
| ### ### ############################## | | | | | ±0.25pF | GJM1552C1H4R0CB01# | |
| #0.25pF GJM1552C1H4R1CB01# #0.1pF GJM1552C1H4R2WB01# #0.25pF GJM1552C1H4R2WB01# #0.25pF GJM1552C1H4R3WB01# #0.1pF GJM1552C1H4R3WB01# #0.25pF GJM1552C1H4R4BB01# #0.25pF GJM1552C1H4R4BB01# #0.25pF GJM1552C1H4R4BB01# #0.25pF GJM1552C1H4R4BB01# #0.25pF GJM1552C1H4R4BB01# #0.1pF GJM1552C1H4R5B01# #0.1pF GJM1552C1H4R5B01# #0.25pF GJM1552C1H4R6BB01# #0.25pF GJM1552C1H4R6BB01# #0.25pF GJM1552C1H4R6BB01# #0.25pF GJM1552C1H4R6BB01# #0.25pF GJM1552C1H4R6BB01# #0.25pF GJM1552C1H4R6BB01# #0.25pF GJM1552C1H4R7CB01# #0.1pF GJM1552C1H4R7CB01# #0.1pF GJM1552C1H4R7CB01# #0.1pF GJM1552C1H4R8BB01# #0.25pF GJM1552C1H4R8BB01# #0.25pF GJM1552C1H4R9B01# #0.1pF GJM1552C1H4R9B01# #0.1pF GJM1552C1H4R9B01# #0.1pF GJM1552C1H4R9B01# #0.25pF GJM1552C1H4R9B01# #0.25pF GJM1552C1H5R0BB01# #0.25pF GJM1552C1H5R3BB01# #0.25pF GJM1552 | | | | 4.1pF | ±0.05pF | GJM1552C1H4R1WB01# | |
| 4.2pF | | | | | ±0.1pF | GJM1552C1H4R1BB01# | |
| #0.1pF GJM1552C1H4R2BB01# #0.25pF GJM1552C1H4R3WB01# #0.1pF GJM1552C1H4R3WB01# #0.25pF GJM1552C1H4R3WB01# #0.25pF GJM1552C1H4R3WB01# #0.25pF GJM1552C1H4R4WB01# #0.25pF GJM1552C1H4R4BB01# #0.25pF GJM1552C1H4R5WB01# #0.25pF GJM1552C1H4R5WB01# #0.25pF GJM1552C1H4R5WB01# #0.25pF GJM1552C1H4R5CB01# #0.1pF GJM1552C1H4R5CB01# #0.1pF GJM1552C1H4R6CB01# #0.1pF GJM1552C1H4R6CB01# #0.25pF GJM1552C1H4R6CB01# #0.1pF GJM1552C1H4R6CB01# #0.25pF GJM1552C1H4R6CB01# #0.1pF GJM1552C1H4R6CB01# #0.25pF GJM1552C1H4R6CB01# #0.1pF GJM1552C1H4R6CB01# #0.25pF GJM1552C1H4R8WB01# #0.25pF GJM1552C1H4R8WB01# #0.25pF GJM1552C1H4R8WB01# #0.25pF GJM1552C1H4R8WB01# #0.25pF GJM1552C1H4R8WB01# #0.25pF GJM1552C1H4R9WB01# #0.25pF GJM1552C1H4R9WB01# #0.25pF GJM1552C1H4R9WB01# #0.1pF GJM1552C1H5R0WB01# #0.1pF GJM1552C1H5R0WB01# #0.1pF GJM1552C1H5R0WB01# #0.1pF GJM1552C1H5R0WB01# #0.25pF GJM1552C1H5R0BB01# #0.25pF GJM1552C1H5R0BB01# #0.25pF GJM1552C1H5R0BB01# #0.5pF GJM1552C1H5R0BB01# #0.5pF GJM1552C1H5R0BB01# #0.5pF GJM1552C1H5R2BB01# #0.5pF GJM1552C1H5R2BB01# #0.5pF GJM1552C1H5R2BB01# #0.5pF GJM1552C1H5R2BB01# #0.5pF GJM1552C1H5R2BB01# #0.5pF GJM1552C1H5R3BB01# #0.5pF GJM1552C1H5R4BB01# #0.5pF GJM1552C1H5R4BB01# #0.5pF GJM1552C1H5R4BB01# #0.5pF GJM1552C1H5R4B | | | | | ±0.25pF | GJM1552C1H4R1CB01# | |
| #0.25pF GJM1552C1H4R3WB01# #0.1pF GJM1552C1H4R3WB01# #0.25pF GJM1552C1H4R3WB01# #0.25pF GJM1552C1H4R4WB01# #0.25pF GJM1552C1H4R4WB01# #0.25pF GJM1552C1H4R4WB01# #0.25pF GJM1552C1H4R5WB01# #0.25pF GJM1552C1H4R5WB01# #0.25pF GJM1552C1H4R5WB01# #0.25pF GJM1552C1H4R6WB01# #0.1pF GJM1552C1H4R6WB01# #0.1pF GJM1552C1H4R6WB01# #0.1pF GJM1552C1H4R6WB01# #0.25pF GJM1552C1H4R8WB01# #0.1pF GJM1552C1H4R8WB01# #0.1pF GJM1552C1H4R8WB01# #0.1pF GJM1552C1H4R8WB01# #0.25pF GJM1552C1H4R8WB01# #0.25pF GJM1552C1H4R9WB01# #0.25pF GJM1552C1H4R9WB01# #0.25pF GJM1552C1H4R9WB01# #0.25pF GJM1552C1H5R0WB01# #0.1pF GJM1552C1H5R0WB01# #0.1pF GJM1552C1H5R0WB01# #0.1pF GJM1552C1H5R0BB01# #0.25pF GJM1552C1H5R0BB01# #0.25pF GJM1552C1H5R0BB01# #0.25pF GJM1552C1H5R0BB01# #0.25pF GJM1552C1H5R0BB01# #0.5pF GJM1552C1H5R2WB01# #0.5pF GJM1552C1H5R2WB01# #0.5pF GJM1552C1H5R2WB01# #0.5pF GJM1552C1H5R2WB01# #0.5pF GJM1552C1H5R2WB01# #0.5pF GJM1552C1H5R3BB01# #0.25pF GJM1552C1H5R3BB01# #0.25pF GJM1552C1H5R3BB01# #0.5pF GJM1552C1H5R4BB01# #0.5pF GJM1552C1H5R4BB01# #0.5pF GJM1552C1H5R4BB01# #0.5pF GJM1552C1H | | | | 4.2pF | ±0.05pF | GJM1552C1H4R2WB01# | |
| #0.25pF GJM1552C1H4R3WB01# #0.1pF GJM1552C1H4R3WB01# #0.25pF GJM1552C1H4R3WB01# #0.25pF GJM1552C1H4R4WB01# #0.25pF GJM1552C1H4R4WB01# #0.25pF GJM1552C1H4R4WB01# #0.25pF GJM1552C1H4R5WB01# #0.25pF GJM1552C1H4R5WB01# #0.25pF GJM1552C1H4R5WB01# #0.25pF GJM1552C1H4R6WB01# #0.1pF GJM1552C1H4R6WB01# #0.1pF GJM1552C1H4R6WB01# #0.1pF GJM1552C1H4R6WB01# #0.25pF GJM1552C1H4R8WB01# #0.1pF GJM1552C1H4R8WB01# #0.1pF GJM1552C1H4R8WB01# #0.1pF GJM1552C1H4R8WB01# #0.25pF GJM1552C1H4R8WB01# #0.25pF GJM1552C1H4R9WB01# #0.25pF GJM1552C1H4R9WB01# #0.25pF GJM1552C1H4R9WB01# #0.25pF GJM1552C1H5R0WB01# #0.1pF GJM1552C1H5R0WB01# #0.1pF GJM1552C1H5R0WB01# #0.1pF GJM1552C1H5R0BB01# #0.25pF GJM1552C1H5R0BB01# #0.25pF GJM1552C1H5R0BB01# #0.25pF GJM1552C1H5R0BB01# #0.25pF GJM1552C1H5R0BB01# #0.5pF GJM1552C1H5R2WB01# #0.5pF GJM1552C1H5R2WB01# #0.5pF GJM1552C1H5R2WB01# #0.5pF GJM1552C1H5R2WB01# #0.5pF GJM1552C1H5R2WB01# #0.5pF GJM1552C1H5R3BB01# #0.25pF GJM1552C1H5R3BB01# #0.25pF GJM1552C1H5R3BB01# #0.5pF GJM1552C1H5R4BB01# #0.5pF GJM1552C1H5R4BB01# #0.5pF GJM1552C1H5R4BB01# #0.5pF GJM1552C1H | | | | · | ±0.1pF | GJM1552C1H4R2BB01# | |
| 4.3pF | | | | | ±0.25pF | GJM1552C1H4R2CB01# | |
| #0.1pF #0.25pF #0.05pF #0.1pF #0.1pF #0.1pF #0.1pF #0.05pF | | | | 4.3pF | ±0.05pF | GJM1552C1H4R3WB01# | |
| 4.4pF | | | | | | GJM1552C1H4R3BB01# | |
| 4.4pF ±0.0spF GJM1552C1H4R4WB01# ±0.2spF GJM1552C1H4R4BB01# ±0.2spF GJM1552C1H4R5B01# ±0.2spF GJM1552C1H4R5B01# ±0.2spF GJM1552C1H4R6B01# ±0.2spF GJM1552C1H4R6B01# ±0.2spF GJM1552C1H4R6B01# ±0.2spF GJM1552C1H4R6B01# ±0.2spF GJM1552C1H4R6B01# ±0.2spF GJM1552C1H4R8B01# ±0.2spF GJM1552C1H4R8B01# ±0.2spF GJM1552C1H4R8B01# ±0.1pF GJM1552C1H4R8B01# ±0.1pF GJM1552C1H4R8B01# ±0.1pF GJM1552C1H4R8B01# ±0.1pF GJM1552C1H4R8B01# ±0.1pF GJM1552C1H4R9B01# ±0.2spF GJM1552C1H4R9B01# ±0.1pF GJM1552C1H4R9B01# ±0.1pF GJM1552C1H4R9B01# ±0.1pF GJM1552C1H4R9B01# ±0.1pF GJM1552C1H5R0B01# ±0.5pF GJM1552C1H5R0B01# ±0.2spF GJM1552C1H5R0B01# ±0.2spF GJM1552C1H5R0B01# ±0.2spF GJM1552C1H5R1B01# ±0.2spF GJM1552C1H5R1B01# ±0.5pF GJM1552C1H5R1B01# ±0.5pF GJM1552C1H5R1B01# ±0.5pF GJM1552C1H5R2B01# ±0.5pF GJM1552C1H5R2B01# ±0.5pF GJM1552C1H5R3B01# ±0.5pF GJM1552C1H5R3B001# ±0.5pF GJM1552C1H5R3B001# ±0.5pF GJM1552C1H5R3B001# ±0.5pF GJM1552C1H5R4B001# ±0.5pF GJM1552C1H5R4D001# ±0.5pF GJM1552C1H5R4D001# ±0.5pF G | | | | | ±0.25pF | GJM1552C1H4R3CB01# | |
| #0.1pF GJM1552C1H4R4B801# #0.25pF GJM1552C1H4R4C801# #0.1pF GJM1552C1H4R5B801# #0.1pF GJM1552C1H4R5B801# #0.25pF GJM1552C1H4R6B01# #0.1pF GJM1552C1H4R6B801# #0.1pF GJM1552C1H4R6B801# #0.25pF GJM1552C1H4R6B801# #0.25pF GJM1552C1H4R6B801# #0.1pF GJM1552C1H4R6B801# #0.1pF GJM1552C1H4R7B801# #0.1pF GJM1552C1H4R7B801# #0.25pF GJM1552C1H4R8B801# #0.25pF GJM1552C1H4R8B801# #0.25pF GJM1552C1H4R8B801# #0.25pF GJM1552C1H4R8B801# #0.25pF GJM1552C1H4R9B01# #0.25pF GJM1552C1H4R9B801# #0.25pF GJM1552C1H4R9B801# #0.25pF GJM1552C1H5R0B801# #0.25pF GJM1552C1H5R0B801# #0.25pF GJM1552C1H5R0B801# #0.25pF GJM1552C1H5R1B801# #0.25pF GJM1552C1H5R1B801# #0.25pF GJM1552C1H5R2B801# #0.25pF GJM1552C1H5R2B801# #0.25pF GJM1552C1H5R2B801# #0.25pF GJM1552C1H5R2B801# #0.5pF GJM1552C1H5R3B801# #0.5pF GJM1552C1H5R4B801# | | | | 4.4pF | | GJM1552C1H4R4WB01# | |
| #0.25pF GJM1552C1H4R4CB01# #0.1pF GJM1552C1H4R5WB01# #0.25pF GJM1552C1H4R5WB01# #0.25pF GJM1552C1H4R6WB01# #0.25pF GJM1552C1H4R6WB01# #0.25pF GJM1552C1H4R6WB01# #0.25pF GJM1552C1H4R6WB01# #0.25pF GJM1552C1H4R7WB01# #0.1pF GJM1552C1H4R8WB01# #0.25pF GJM1552C1H4R8WB01# #0.25pF GJM1552C1H4R8WB01# #0.25pF GJM1552C1H4R9WB01# #0.1pF GJM1552C1H4R9WB01# #0.1pF GJM1552C1H4R9WB01# #0.25pF GJM1552C1H4R9WB01# #0.25pF GJM1552C1H4R9WB01# #0.1pF GJM1552C1H5R0WB01# #0.1pF GJM1552C1H5R0WB01# #0.25pF GJM1552C1H5R0WB01# #0.1pF GJM1552C1H5R0WB01# #0.25pF GJM1552C1H5R1WB01# #0.25pF GJM1552C1H5R1WB01# #0.25pF GJM1552C1H5R1WB01# #0.25pF GJM1552C1H5R1WB01# #0.25pF GJM1552C1H5R1WB01# #0.25pF GJM1552C1H5R1WB01# #0.25pF GJM1552C1H5R2WB01# #0.25pF GJM1552C1H5R2WB01# #0.25pF GJM1552C1H5R2WB01# #0.25pF GJM1552C1H5R2WB01# #0.25pF GJM1552C1H5R2WB01# #0.25pF GJM1552C1H5R3WB01# #0.25pF GJM1552C1H5R4WB01# #0.25pF GJM1552C1H5AR4WB01# #0.25pF GJM1552C1H5AR4DB01# #0.25pF GJM1552C1H5AR4DB01# #0.25pF GJM1552C1H5AR4DB0 | | | | | | | |
| 4.5pF ±0.05pF GJM1552C1H4R5WB01# ±0.25pF GJM1552C1H4R6WB01# ±0.25pF GJM1552C1H4R6WB01# ±0.25pF GJM1552C1H4R6WB01# ±0.25pF GJM1552C1H4R7WB01# ±0.25pF GJM1552C1H4R7WB01# ±0.25pF GJM1552C1H4R8WB01# ±0.25pF GJM1552C1H4R8WB01# ±0.25pF GJM1552C1H4R8WB01# ±0.25pF GJM1552C1H4R8WB01# ±0.25pF GJM1552C1H4R8WB01# ±0.05pF GJM1552C1H4R9WB01# ±0.05pF GJM1552C1H4R9WB01# ±0.05pF GJM1552C1H4R9WB01# ±0.05pF GJM1552C1H5R0WB01# ±0.05pF GJM1552C1H5R0WB01# ±0.05pF GJM1552C1H5R0WB01# ±0.05pF GJM1552C1H5R0WB01# ±0.05pF GJM1552C1H5R1WB01# ±0.05pF GJM1552C1H5R1WB01# ±0.05pF GJM1552C1H5R1WB01# ±0.05pF GJM1552C1H5R1WB01# ±0.05pF GJM1552C1H5R1WB01# ±0.05pF GJM1552C1H5R1WB01# ±0.05pF GJM1552C1H5R2WB01# ±0.05pF GJM1552C1H5R2WB01# ±0.05pF GJM1552C1H5R2WB01# ±0.05pF GJM1552C1H5R2WB01# ±0.05pF GJM1552C1H5R3WB01# ±0.05pF GJM1552C1H5R4WB01# ±0.05pF GJM1552 | | | | | - | GJM1552C1H4R4CB01# | |
| #0.1pF GJM1552C1H4R5BB01# #0.25pF GJM1552C1H4R6WB01# #0.1pF GJM1552C1H4R6WB01# #0.25pF GJM1552C1H4R6WB01# #0.25pF GJM1552C1H4R7WB01# #0.25pF GJM1552C1H4R7WB01# #0.25pF GJM1552C1H4R8WB01# #0.25pF GJM1552C1H4R8WB01# #0.25pF GJM1552C1H4R8WB01# #0.25pF GJM1552C1H4R8WB01# #0.25pF GJM1552C1H4R9WB01# #0.25pF GJM1552C1H4R9WB01# #0.25pF GJM1552C1H4R9WB01# #0.25pF GJM1552C1H5R0WB01# #0.1pF GJM1552C1H5R0WB01# #0.25pF GJM1552C1H5R0WB01# #0.25pF GJM1552C1H5R0WB01# #0.25pF GJM1552C1H5R0WB01# #0.5pF GJM1552C1H5R0WB01# #0. | | | | 4.5pF | | | |
| #0.25pF GJM1552C1H4R5CB01# #0.1pF GJM1552C1H4R6WB01# #0.25pF GJM1552C1H4R6WB01# #0.25pF GJM1552C1H4R6WB01# #0.25pF GJM1552C1H4R7WB01# #0.25pF GJM1552C1H4R7WB01# #0.25pF GJM1552C1H4R7WB01# #0.1pF GJM1552C1H4R8WB01# #0.25pF GJM1552C1H4R8WB01# #0.25pF GJM1552C1H4R8WB01# #0.25pF GJM1552C1H4R8WB01# #0.25pF GJM1552C1H4R8WB01# #0.1pF GJM1552C1H4R9WB01# #0.25pF GJM1552C1H4R9WB01# #0.25pF GJM1552C1H4R9WB01# #0.25pF GJM1552C1H5R0WB01# #0.25pF GJM1552C1H5R0WB01# #0.25pF GJM1552C1H5R0WB01# #0.25pF GJM1552C1H5R1WB01# #0.5pF GJM1552C1H5R1WB01# #0.5pF GJM1552C1H5R2WB01# #0.5pF GJM1552C1H5R2WB01# #0.5pF GJM1552C1H5R3WB01# #0.5pF GJM1552C1H5R4WB01# #0 | | | | | | GJM1552C1H4R5BB01# | |
| 4.6pF ±0.05pF GJM1552C1H4R6WB01# ±0.25pF GJM1552C1H4R6BB01# ±0.25pF GJM1552C1H4R7BB01# ±0.25pF GJM1552C1H4R7BB01# ±0.25pF GJM1552C1H4R7BB01# ±0.25pF GJM1552C1H4R8WB01# ±0.25pF GJM1552C1H4R8WB01# ±0.25pF GJM1552C1H4R8BB01# ±0.25pF GJM1552C1H4R8BB01# ±0.25pF GJM1552C1H4R8BB01# ±0.25pF GJM1552C1H4R9BB01# ±0.25pF GJM1552C1H4R9BB01# ±0.25pF GJM1552C1H4R9BB01# ±0.25pF GJM1552C1H5R0BB01# ±0.25pF GJM1552C1H5R0BB01# ±0.25pF GJM1552C1H5R0BB01# ±0.25pF GJM1552C1H5R1BB01# ±0.25pF GJM1552C1H5R1BB01# ±0.25pF GJM1552C1H5R1BB01# ±0.25pF GJM1552C1H5R1BB01# ±0.5pF GJM1552C1H5R2BB01# ±0.5pF GJM1552C1H5R2BB01# ±0.5pF GJM1552C1H5R2BB01# ±0.5pF GJM1552C1H5R3BB01# ±0.25pF GJM1552C1H5R3BB01# ±0.25pF GJM1552C1H5R3BB01# ±0.25pF GJM1552C1H5R3BB01# ±0.25pF GJM1552C1H5R3BB01# ±0.25pF GJM1552C1H5R3BB01# ±0.25pF GJM1552C1H5R3BB01# ±0.5pF GJM1552C1H5R4BB01# | | | | | - | GJM1552C1H4R5CB01# | |
| #0.25pF GJM1552C1H4R6CB01# #0.1pF GJM1552C1H4R7WB01# #0.25pF GJM1552C1H4R7B01# #0.25pF GJM1552C1H4R7B01# #0.25pF GJM1552C1H4R8WB01# #0.1pF GJM1552C1H4R8B01# #0.25pF GJM1552C1H4R8B01# #0.25pF GJM1552C1H4R8B01# #0.25pF GJM1552C1H4R9B01# #0.25pF GJM1552C1H4R9B01# #0.25pF GJM1552C1H4R9B01# #0.25pF GJM1552C1H4R9B01# #0.25pF GJM1552C1H5R0B01# #0.25pF GJM1552C1H5R0B01# #0.1pF GJM1552C1H5R0B01# #0.1pF GJM1552C1H5R1B01# #0.25pF GJM1552C1H5R1B01# #0.25pF GJM1552C1H5R1B01# #0.5pF GJM1552C1H5R1B01# #0.5pF GJM1552C1H5R1B00# #0.5pF GJM1552C1H5R2B01# #0.5pF GJM1552C1H5R2B01# #0.25pF GJM1552C1H5R2B01# #0.25pF GJM1552C1H5R2B01# #0.25pF GJM1552C1H5R3B01# #0.5pF GJM1552C1H5R3B001# #0.5pF GJM1552C1H5R3B001# #0.5pF GJM1552C1H5R3B001# #0.5pF GJM1552C1H5R4B001# #0.1pF GJM1552C1H5R4B001# #0.1pF GJM1552C1H5R4B001# #0.5pF GJM1552C1H5R4B001# #0.5pF GJM1552C1H5R4B001# #0.5pF GJM1552C1H5R4B001# #0.5pF GJM1552C1H5R4B001# | | | | 4.6pF | | GJM1552C1H4R6WB01# | |
| 4.7pF ±0.05pF GJM1552C1H4R7WB01# ±0.25pF GJM1552C1H4R7CB01# ±0.25pF GJM1552C1H4R8WB01# ±0.1pF GJM1552C1H4R8WB01# ±0.25pF GJM1552C1H4R8BB01# ±0.25pF GJM1552C1H4R8BB01# ±0.25pF GJM1552C1H4R9WB01# ±0.1pF GJM1552C1H4R9BB01# ±0.25pF GJM1552C1H4R9BB01# ±0.25pF GJM1552C1H5R0WB01# ±0.1pF GJM1552C1H5R0WB01# ±0.1pF GJM1552C1H5R0CB01# ±0.25pF GJM1552C1H5R0CB01# ±0.25pF GJM1552C1H5R1WB01# ±0.25pF GJM1552C1H5R1BB01# ±0.25pF GJM1552C1H5R1BB01# ±0.5pF GJM1552C1H5R2WB01# ±0.5pF GJM1552C1H5R2WB01# ±0.5pF GJM1552C1H5R2BB01# ±0.5pF GJM1552C1H5R2BB01# ±0.5pF GJM1552C1H5R2BB01# ±0.5pF GJM1552C1H5R3BB01# ±0.5pF GJM1552C1H5R4WB01# | | | | | ±0.1pF | GJM1552C1H4R6BB01# | |
| #0.1pF GJM1552C1H4R7BB01# #0.25pF GJM1552C1H4R8WB01# #0.1pF GJM1552C1H4R8BB01# #0.25pF GJM1552C1H4R8BB01# #0.25pF GJM1552C1H4R8BB01# #0.25pF GJM1552C1H4R9WB01# #0.1pF GJM1552C1H4R9BB01# #0.25pF GJM1552C1H4R9BB01# #0.25pF GJM1552C1H5R0WB01# #0.1pF GJM1552C1H5R0WB01# #0.25pF GJM1552C1H5R0BB01# #0.25pF GJM1552C1H5R0BB01# #0.25pF GJM1552C1H5R1WB01# #0.25pF GJM1552C1H5R1BB01# #0.25pF GJM1552C1H5R1BB01# #0.5pF GJM1552C1H5R1BB01# #0.5pF GJM1552C1H5R2WB01# #0.5pF GJM1552C1H5R2WB01# #0.5pF GJM1552C1H5R2BB01# #0.5pF GJM1552C1H5R2BB01# #0.5pF GJM1552C1H5R2BB01# #0.5pF GJM1552C1H5R3BB01# #0.5pF GJM1552C1H5R4WB01# #0.5pF GJM1552C1H5R4WB01# #0.5pF GJM1552C1H5R4BB01# #0.5pF GJM1552C1H5R4BB01# #0.5pF GJM1552C1H5R4BB01# #0.5pF GJM1552C1H5R4BB01# #0.5pF GJM1552C1H5R4BB01# #0.5pF GJM1552C1H5R4BB01# | | | | | ±0.25pF | GJM1552C1H4R6CB01# | |
| ### ### ############################## | | | | 4.7pF | ±0.05pF | GJM1552C1H4R7WB01# | |
| 4.8pF ±0.05pF GJM1552C1H4R8WB01# ±0.25pF GJM1552C1H4R8BB01# ±0.25pF GJM1552C1H4R9WB01# ±0.05pF GJM1552C1H4R9WB01# ±0.25pF GJM1552C1H4R9BB01# ±0.25pF GJM1552C1H4R9CB01# ±0.05pF GJM1552C1H5R0WB01# ±0.25pF GJM1552C1H5R0WB01# ±0.25pF GJM1552C1H5R0CB01# ±0.25pF GJM1552C1H5R0CB01# ±0.25pF GJM1552C1H5R1WB01# ±0.25pF GJM1552C1H5R1DB01# ±0.5pF GJM1552C1H5R1DB01# ±0.5pF GJM1552C1H5R1DB01# ±0.5pF GJM1552C1H5R2WB01# ±0.05pF GJM1552C1H5R2WB01# ±0.05pF GJM1552C1H5R2DB01# ±0.05pF GJM1552C1H5R2DB01# ±0.5pF GJM1552C1H5R3WB01# ±0.5pF GJM1552C1H5R3WB01# ±0.05pF GJM1552C1H5R3BB01# ±0.05pF GJM1552C1H5R3BB01# ±0.05pF GJM1552C1H5R3DB01# ±0.05pF GJM1552C1H5R3DB01# ±0.05pF GJM1552C1H5R3DB01# ±0.05pF GJM1552C1H5R4WB01# ±0.05pF GJM1552C1H5R4WB01# ±0.05pF GJM1552C1H5R4WB01# ±0.05pF GJM1552C1H5R4CB01# ±0.05pF GJM1552C1H5R4CB01# ±0.05pF GJM1552C1H5R4CB01# ±0.05pF GJM1552C1H5R4CB01# | | | | | ±0.1pF | GJM1552C1H4R7BB01# | |
| #0.1pF GJM1552C1H4R8BB01# #0.25pF GJM1552C1H4R9WB01# #0.1pF GJM1552C1H4R9BB01# #0.25pF GJM1552C1H4R9BB01# #0.25pF GJM1552C1H4R9CB01# #0.05pF GJM1552C1H5R0WB01# #0.1pF GJM1552C1H5R0WB01# #0.25pF GJM1552C1H5R0BB01# #0.25pF GJM1552C1H5R0CB01# #0.25pF GJM1552C1H5R1WB01# #0.25pF GJM1552C1H5R1CB01# #0.25pF GJM1552C1H5R1CB01# #0.25pF GJM1552C1H5R1CB01# #0.5pF GJM1552C1H5R2WB01# #0.5pF GJM1552C1H5R2BB01# #0.25pF GJM1552C1H5R2BB01# #0.25pF GJM1552C1H5R2BB01# #0.25pF GJM1552C1H5R3WB01# #0.25pF GJM1552C1H5R3WB01# #0.5pF GJM1552C1H5R3WB01# #0.5pF GJM1552C1H5R3BB01# #0.25pF GJM1552C1H5R3BB01# #0.25pF GJM1552C1H5R3CB01# #0.25pF GJM1552C1H5R3CB01# #0.25pF GJM1552C1H5R3CB01# #0.25pF GJM1552C1H5R3CB01# #0.25pF GJM1552C1H5R4WB01# #0.5pF GJM1552C1H5R4WB01# #0.25pF GJM1552C1H5R4CB01# #0.25pF GJM1552C1H5R4CB01# #0.5pF GJM1552C1H5R4CB01# | | | | | ±0.25pF | GJM1552C1H4R7CB01# | |
| ### ### ############################## | | | | 4.8pF | ±0.05pF | GJM1552C1H4R8WB01# | |
| 4.9pF ±0.05pF GJM1552C1H4R9WB01# ±0.25pF GJM1552C1H4R9CB01# ±0.05pF GJM1552C1H5R0WB01# ±0.1pF GJM1552C1H5R0WB01# ±0.25pF GJM1552C1H5R0CB01# ±0.25pF GJM1552C1H5R0CB01# ±0.1pF GJM1552C1H5R0CB01# ±0.1pF GJM1552C1H5R1WB01# ±0.25pF GJM1552C1H5R1CB01# ±0.5pF GJM1552C1H5R1CB01# ±0.5pF GJM1552C1H5R2CB01# ±0.25pF GJM1552C1H5R2CB01# ±0.25pF GJM1552C1H5R2CB01# ±0.5pF GJM1552C1H5R2CB01# ±0.5pF GJM1552C1H5R3WB01# ±0.5pF GJM1552C1H5R3WB01# ±0.1pF GJM1552C1H5R3CB01# ±0.5pF GJM1552C1H5R3CB01# ±0.5pF GJM1552C1H5R3CB01# ±0.5pF GJM1552C1H5R3CB01# ±0.5pF GJM1552C1H5R3CB01# ±0.5pF GJM1552C1H5R3CB01# ±0.5pF GJM1552C1H5R4CB01# ±0.1pF GJM1552C1H5R4CB01# ±0.5pF GJM1552C1H5R4CB01# ±0.5pF GJM1552C1H5R4CB01# ±0.5pF GJM1552C1H5R4CB01# | | | | | ±0.1pF | GJM1552C1H4R8BB01# | |
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| 5.0pF ±0.05pF GJM1552C1H5R0WB01# ±0.25pF GJM1552C1H5R0BB01# ±0.25pF GJM1552C1H5R0CB01# ±0.05pF GJM1552C1H5R1WB01# ±0.25pF GJM1552C1H5R1BB01# ±0.5pF GJM1552C1H5R1DB01# ±0.5pF GJM1552C1H5R1DB01# ±0.1pF GJM1552C1H5R2WB01# ±0.25pF GJM1552C1H5R2CB01# ±0.5pF GJM1552C1H5R2DB01# ±0.5pF GJM1552C1H5R3WB01# ±0.5pF GJM1552C1H5R3WB01# ±0.1pF GJM1552C1H5R3BB01# ±0.25pF GJM1552C1H5R3DB01# ±0.25pF GJM1552C1H5R3DB01# ±0.5pF GJM1552C1H5R3DB01# ±0.5pF GJM1552C1H5R3DB01# ±0.5pF GJM1552C1H5R3DB01# ±0.5pF GJM1552C1H5R4WB01# ±0.5pF GJM1552C1H5R4BB01# ±0.25pF GJM1552C1H5R4CB01# ±0.25pF GJM1552C1H5R4CB01# ±0.5pF GJM1552C1H5R4CB01# | | | | | ±0.1pF | GJM1552C1H4R9BB01# | |
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| # ±0.25pF GJM1552C1H5R0CB01# # ±0.05pF GJM1552C1H5R1WB01# # ±0.25pF GJM1552C1H5R1BB01# # ±0.5pF GJM1552C1H5R1DB01# # ±0.5pF GJM1552C1H5R1DB01# # ±0.05pF GJM1552C1H5R2WB01# # ±0.25pF GJM1552C1H5R2BB01# # ±0.5pF GJM1552C1H5R2DB01# # ±0.5pF GJM1552C1H5R3WB01# # ±0.1pF GJM1552C1H5R3WB01# # ±0.1pF GJM1552C1H5R3WB01# # ±0.25pF GJM1552C1H5R3CB01# # ±0.5pF GJM1552C1H5R3DB01# # ±0.5pF GJM1552C1H5R3DB01# # ±0.5pF GJM1552C1H5R3WB01# # ±0.5pF GJM1552C1H5R4WB01# # ±0.25pF GJM1552C1H5R4BB01# # ±0.25pF GJM1552C1H5R4CB01# # ±0.5pF GJM1552C1H5R4CB01# # ±0.5pF GJM1552C1H5R4CB01# | | | | 5.0pF | ±0.05pF | GJM1552C1H5R0WB01# | |
| 5.1pF ±0.05pF GJM1552C1H5R1WB01# ±0.1pF GJM1552C1H5R1BB01# ±0.25pF GJM1552C1H5R1DB01# ±0.5pF GJM1552C1H5R2WB01# ±0.1pF GJM1552C1H5R2WB01# ±0.25pF GJM1552C1H5R2CB01# ±0.5pF GJM1552C1H5R2CB01# ±0.5pF GJM1552C1H5R3WB01# ±0.1pF GJM1552C1H5R3WB01# ±0.25pF GJM1552C1H5R3CB01# ±0.5pF GJM1552C1H5R3CB01# ±0.5pF GJM1552C1H5R3DB01# ±0.5pF GJM1552C1H5R3DB01# ±0.5pF GJM1552C1H5R4WB01# ±0.1pF GJM1552C1H5R4WB01# ±0.1pF GJM1552C1H5R4BB01# ±0.25pF GJM1552C1H5R4CB01# ±0.5pF GJM1552C1H5R4CB01# ±0.5pF GJM1552C1H5R4CB01# | | | | | ±0.1pF | GJM1552C1H5R0BB01# | |
| ±0.1pF GJM1552C1H5R1BB01# ±0.25pF GJM1552C1H5R1CB01# ±0.5pF GJM1552C1H5R1DB01# 5.2pF ±0.05pF GJM1552C1H5R2WB01# ±0.1pF GJM1552C1H5R2CB01# ±0.25pF GJM1552C1H5R2CB01# ±0.5pF GJM1552C1H5R2DB01# ±0.5pF GJM1552C1H5R3WB01# ±0.1pF GJM1552C1H5R3BB01# ±0.25pF GJM1552C1H5R3CB01# ±0.5pF GJM1552C1H5R3DB01# ±0.5pF GJM1552C1H5R3DB01# ±0.5pF GJM1552C1H5R4WB01# ±0.1pF GJM1552C1H5R4BB01# ±0.25pF GJM1552C1H5R4CB01# ±0.25pF GJM1552C1H5R4CB01# | | | | | ±0.25pF | GJM1552C1H5R0CB01# | |
| ±0.25pF GJM1552C1H5R1CB01# ±0.5pF GJM1552C1H5R1DB01# 5.2pF ±0.05pF GJM1552C1H5R2WB01# ±0.1pF GJM1552C1H5R2CB01# ±0.25pF GJM1552C1H5R2CB01# ±0.5pF GJM1552C1H5R2DB01# ±0.1pF GJM1552C1H5R3WB01# ±0.1pF GJM1552C1H5R3CB01# ±0.25pF GJM1552C1H5R3CB01# ±0.5pF GJM1552C1H5R3DB01# ±0.5pF GJM1552C1H5R3DB01# ±0.5pF GJM1552C1H5R4WB01# ±0.1pF GJM1552C1H5R4CB01# ±0.25pF GJM1552C1H5R4CB01# ±0.5pF GJM1552C1H5R4CB01# | | | | 5.1pF | ±0.05pF | GJM1552C1H5R1WB01# | |
| #0.5pF GJM1552C1H5R1DB01# 5.2pF #0.05pF GJM1552C1H5R2WB01# #0.1pF GJM1552C1H5R2BB01# #0.25pF GJM1552C1H5R2CB01# #0.5pF GJM1552C1H5R2DB01# #0.1pF GJM1552C1H5R3WB01# #0.1pF GJM1552C1H5R3BB01# #0.25pF GJM1552C1H5R3CB01# #0.5pF GJM1552C1H5R3DB01# #0.5pF GJM1552C1H5R3CB01# #0.5pF GJM1552C1H5R4WB01# #0.1pF GJM1552C1H5R4WB01# #0.25pF GJM1552C1H5R4CB01# #0.25pF GJM1552C1H5R4CB01# | | | | | ±0.1pF | GJM1552C1H5R1BB01# | |
| 5.2pF ±0.05pF GJM1552C1H5R2WB01# ±0.1pF GJM1552C1H5R2BB01# ±0.25pF GJM1552C1H5R2CB01# ±0.5pF GJM1552C1H5R2DB01# 5.3pF ±0.05pF GJM1552C1H5R3WB01# ±0.1pF GJM1552C1H5R3BB01# ±0.25pF GJM1552C1H5R3CB01# ±0.5pF GJM1552C1H5R3DB01# 5.4pF ±0.05pF GJM1552C1H5R4WB01# ±0.1pF GJM1552C1H5R4WB01# ±0.25pF GJM1552C1H5R4CB01# ±0.5pF GJM1552C1H5R4CB01# | | | | | ±0.25pF | GJM1552C1H5R1CB01# | |
| ±0.1pF GJM1552C1H5R2BB01# ±0.25pF GJM1552C1H5R2CB01# ±0.5pF GJM1552C1H5R2DB01# 5.3pF ±0.05pF GJM1552C1H5R3WB01# ±0.1pF GJM1552C1H5R3BB01# ±0.25pF GJM1552C1H5R3CB01# ±0.5pF GJM1552C1H5R3DB01# ±0.05pF GJM1552C1H5R4WB01# ±0.1pF GJM1552C1H5R4BB01# ±0.25pF GJM1552C1H5R4CB01# ±0.5pF GJM1552C1H5R4CB01# | | | | | ±0.5pF | GJM1552C1H5R1DB01# | |
| ±0.25pF GJM1552C1H5R2CB01# ±0.5pF GJM1552C1H5R2DB01# 5.3pF ±0.05pF GJM1552C1H5R3WB01# ±0.1pF GJM1552C1H5R3CB01# ±0.25pF GJM1552C1H5R3CB01# ±0.5pF GJM1552C1H5R3DB01# ±0.5pF GJM1552C1H5R4WB01# ±0.1pF GJM1552C1H5R4BB01# ±0.25pF GJM1552C1H5R4CB01# ±0.5pF GJM1552C1H5R4CB01# | | | | 5.2pF | ±0.05pF | GJM1552C1H5R2WB01# | |
| ±0.5pF GJM1552C1H5R2DB01# 5.3pF ±0.05pF GJM1552C1H5R3WB01# ±0.1pF GJM1552C1H5R3BB01# ±0.25pF GJM1552C1H5R3CB01# ±0.5pF GJM1552C1H5R3DB01# 5.4pF ±0.05pF GJM1552C1H5R4WB01# ±0.1pF GJM1552C1H5R4BB01# ±0.25pF GJM1552C1H5R4CB01# ±0.5pF GJM1552C1H5R4CB01# | | | | | ±0.1pF | GJM1552C1H5R2BB01# | |
| 5.3pF ±0.05pF GJM1552C1H5R3WB01# ±0.1pF GJM1552C1H5R3BB01# ±0.25pF GJM1552C1H5R3CB01# ±0.5pF GJM1552C1H5R3DB01# 5.4pF ±0.05pF GJM1552C1H5R4WB01# ±0.1pF GJM1552C1H5R4BB01# ±0.25pF GJM1552C1H5R4CB01# ±0.5pF GJM1552C1H5R4CB01# | | | | | ±0.25pF | GJM1552C1H5R2CB01# | |
| ±0.1pF GJM1552C1H5R3BB01# ±0.25pF GJM1552C1H5R3CB01# ±0.5pF GJM1552C1H5R3DB01# 5.4pF ±0.05pF GJM1552C1H5R4WB01# ±0.1pF GJM1552C1H5R4BB01# ±0.25pF GJM1552C1H5R4CB01# ±0.5pF GJM1552C1H5R4DB01# | | | | | ±0.5pF | GJM1552C1H5R2DB01# | |
| ±0.25pF GJM1552C1H5R3CB01# ±0.5pF GJM1552C1H5R3DB01# 5.4pF ±0.05pF GJM1552C1H5R4WB01# ±0.1pF GJM1552C1H5R4CB01# ±0.25pF GJM1552C1H5R4CB01# ±0.5pF GJM1552C1H5R4DB01# | | | | 5.3pF | ±0.05pF | GJM1552C1H5R3WB01# | |
| ±0.5pF GJM1552C1H5R3DB01# 5.4pF ±0.05pF GJM1552C1H5R4WB01# ±0.1pF GJM1552C1H5R4BB01# ±0.25pF GJM1552C1H5R4CB01# ±0.5pF GJM1552C1H5R4DB01# | | | | | ±0.1pF | GJM1552C1H5R3BB01# | |
| 5.4pF ±0.05pF GJM1552C1H5R4WB01# ±0.1pF GJM1552C1H5R4BB01# ±0.25pF GJM1552C1H5R4CB01# ±0.5pF GJM1552C1H5R4DB01# | | | | | ±0.25pF | GJM1552C1H5R3CB01# | |
| ±0.1pF GJM1552C1H5R4BB01# ±0.25pF GJM1552C1H5R4CB01# ±0.5pF GJM1552C1H5R4DB01# | | | | | ±0.5pF | GJM1552C1H5R3DB01# | |
| ±0.25pF GJM1552C1H5R4CB01# ±0.5pF GJM1552C1H5R4DB01# | | | | 5.4pF | ±0.05pF | GJM1552C1H5R4WB01# | |
| ±0.5pF GJM1552C1H5R4DB01# | | | | | ±0.1pF | GJM1552C1H5R4BB01# | |
| | | | | | ±0.25pF | GJM1552C1H5R4CB01# | |
| 5.5pF ±0.05pF GJM1552C1H5R5WB01# | | | | | ±0.5pF | GJM1552C1H5R4DB01# | |
| | | | | 5.5pF | ±0.05pF | GJM1552C1H5R5WB01# | |

Capacitor Array GNM Series

GJM Series Temperature Compensating Type Hio Part Number List

Т

max.

0.55mm

(→ ■ 1.0×0.5mm)

| <u>(→ ■ 1</u> | .0×0.5ı | mm) | | | |
|---------------|------------------|------------|-------|---------|--------------------|
| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number |
| 0.55mm | 50Vdc | СН | 5.5pF | ±0.1pF | GJM1552C1H5R5BB01# |
| | | | | ±0.25pF | GJM1552C1H5R5CB01# |
| | | | | ±0.5pF | GJM1552C1H5R5DB01# |
| | | | 5.6pF | ±0.05pF | GJM1552C1H5R6WB01# |
| | | | | ±0.1pF | GJM1552C1H5R6BB01# |
| | | | | ±0.25pF | GJM1552C1H5R6CB01# |
| | | | | ±0.5pF | GJM1552C1H5R6DB01# |
| | | | 5.7pF | ±0.05pF | GJM1552C1H5R7WB01# |
| | | | | ±0.1pF | GJM1552C1H5R7BB01# |
| | | | | ±0.25pF | GJM1552C1H5R7CB01# |
| | | | | ±0.5pF | GJM1552C1H5R7DB01# |
| | | | 5.8pF | ±0.05pF | GJM1552C1H5R8WB01# |
| | | | | ±0.1pF | GJM1552C1H5R8BB01# |
| | | | | ±0.25pF | GJM1552C1H5R8CB01# |
| | | | | ±0.5pF | GJM1552C1H5R8DB01# |
| | | | 5.9pF | ±0.05pF | GJM1552C1H5R9WB01# |
| | | | | ±0.1pF | GJM1552C1H5R9BB01# |
| | | | | ±0.25pF | GJM1552C1H5R9CB01# |
| | | | | ±0.5pF | GJM1552C1H5R9DB01# |
| | | | 6.0pF | ±0.05pF | GJM1552C1H6R0WB01# |
| | | | | ±0.1pF | GJM1552C1H6R0BB01# |
| | | | | ±0.25pF | GJM1552C1H6R0CB01# |
| | | | | ±0.5pF | GJM1552C1H6R0DB01# |
| | | | 6.1pF | ±0.05pF | GJM1552C1H6R1WB01# |
| | | | | ±0.1pF | GJM1552C1H6R1BB01# |
| | | | | ±0.25pF | GJM1552C1H6R1CB01# |
| | | | | ±0.5pF | GJM1552C1H6R1DB01# |
| | | | 6.2pF | ±0.05pF | GJM1552C1H6R2WB01# |
| | | | | ±0.1pF | GJM1552C1H6R2BB01# |
| | | | | ±0.25pF | GJM1552C1H6R2CB01# |
| | | | | ±0.5pF | GJM1552C1H6R2DB01# |
| | | | 6.3pF | ±0.05pF | GJM1552C1H6R3WB01# |
| | | | | ±0.1pF | GJM1552C1H6R3BB01# |
| | | | | ±0.25pF | GJM1552C1H6R3CB01# |
| | | | | ±0.5pF | GJM1552C1H6R3DB01# |
| | | | 6.4pF | ±0.05pF | GJM1552C1H6R4WB01# |
| | | | | ±0.1pF | GJM1552C1H6R4BB01# |
| | | | | ±0.25pF | GJM1552C1H6R4CB01# |
| | | | | ±0.5pF | GJM1552C1H6R4DB01# |
| | | | 6.5pF | ±0.05pF | GJM1552C1H6R5WB01# |
| | | | | ±0.1pF | GJM1552C1H6R5BB01# |
| | | | | ±0.25pF | GJM1552C1H6R5CB01# |
| | | | | ±0.5pF | GJM1552C1H6R5DB01# |
| | | | 6.6pF | ±0.05pF | GJM1552C1H6R6WB01# |
| | | | | ±0.1pF | GJM1552C1H6R6BB01# |
| | | | | ±0.25pF | GJM1552C1H6R6CB01# |
| | | | | ±0.5pF | GJM1552C1H6R6DB01# |
| | | | 6.7pF | ±0.05pF | GJM1552C1H6R7WB01# |
| | | | | ±0.1pF | GJM1552C1H6R7BB01# |
| | | | | ±0.25pF | GJM1552C1H6R7CB01# |
| | | | | ±0.5pF | GJM1552C1H6R7DB01# |
| | | | 6.8pF | ±0.05pF | GJM1552C1H6R8WB01# |
| | | | | ±0.1pF | GJM1552C1H6R8BB01# |
| | | | | ±0.25pF | GJM1552C1H6R8CB01# |

| Voltage Code CH 6.8pF ±0.5pF GJM1552C1H6R8DB01# ±0.1pF GJM1552C1H6R9BB01# ±0.25pF GJM1552C1H6R9BB01# ±0.5pF GJM1552C1H6R9BB01# ±0.5pF GJM1552C1H6R9DB01# ±0.5pF GJM1552C1H7R0WB01# ±0.25pF GJM1552C1H7R0WB01# ±0.25pF GJM1552C1H7R0BB01# ±0.25pF GJM1552C1H7R0BB01# ±0.5pF GJM1552C1H7R0BB01# ±0.5pF GJM1552C1H7R1WB01# ±0.5pF GJM1552C1H7R1BB01# ±0.25pF GJM1552C1H7R1BB01# ±0.5pF GJM1552C1H7R1BB01# ±0.5pF GJM1552C1H7R2WB01# ±0.5pF GJM1552C1H7R2WB01# ±0.5pF GJM1552C1H7R2WB01# ±0.5pF GJM1552C1H7R2BB01# ±0.5pF GJM1552C1H7R3WB01# ±0.5pF GJM1552C1H7R3WB01# ±0.5pF GJM1552C1H7R3WB01# ±0.5pF GJM1552C1H7R3DB01# ±0.5pF GJM1552C1H7R3DB01# ±0.5pF GJM1552C1H7R3DB01# ±0.5pF GJM1552C1H7R4WB01# ±0.5pF GJM1552C1H7R4CB01# ±0.5pF GJM1552C1H7R4CB01# ±0.5pF GJM1552C1H7R4CB01# ±0.5pF GJM1552C1H7R4CB01# ±0.5pF GJM1552C1H7R4CB01# ±0.5pF GJM1552C1H7R4CB01# ±0.5pF GJM1552C1H7R5WB01# |--|
| 6.9pF ±0.05pF GJM1552C1H6R9WB01# ±0.25pF GJM1552C1H6R9BB01# ±0.5pF GJM1552C1H6R9DB01# ±0.5pF GJM1552C1H6R9DB01# ±0.05pF GJM1552C1H7R0WB01# ±0.25pF GJM1552C1H7R0BB01# ±0.25pF GJM1552C1H7R0DB01# ±0.5pF GJM1552C1H7R0DB01# ±0.1pF GJM1552C1H7R1WB01# ±0.25pF GJM1552C1H7R1WB01# ±0.25pF GJM1552C1H7R1DB01# ±0.5pF GJM1552C1H7R1DB01# ±0.5pF GJM1552C1H7R1DB01# ±0.5pF GJM1552C1H7R2WB01# ±0.1pF GJM1552C1H7R2WB01# ±0.25pF GJM1552C1H7R2CB01# ±0.5pF GJM1552C1H7R2DB01# ±0.5pF GJM1552C1H7R3WB01# ±0.5pF GJM1552C1H7R3WB01# ±0.5pF GJM1552C1H7R3DB01# ±0.05pF GJM1552C1H7R3DB01# ±0.05pF GJM1552C1H7R3DB01# ±0.05pF GJM1552C1H7R3DB01# ±0.05pF GJM1552C1H7R3DB01# ±0.5pF GJM1552C1H7R3DB01# ±0.5pF GJM1552C1H7R4WB01# ±0.05pF GJM1552C1H7R4WB01# ±0.05pF GJM1552C1H7R4DB01# ±0.05pF GJM1552C1H7R4CB01# ±0.05pF GJM1552C1H7R4CB01# ±0.5pF GJM1552C1H7R4CB01# ±0.5pF GJM1552C1H7R4CB01# |
| #0.25pF GJM1552C1H6R9CB01# #0.5pF GJM1552C1H6R9DB01# #0.1pF GJM1552C1H7R0WB01# #0.25pF GJM1552C1H7R0BB01# #0.25pF GJM1552C1H7R0CB01# #0.5pF GJM1552C1H7R0DB01# #0.5pF GJM1552C1H7R1WB01# #0.1pF GJM1552C1H7R1BB01# #0.25pF GJM1552C1H7R1CB01# #0.5pF GJM1552C1H7R1DB01# #0.5pF GJM1552C1H7R1DB01# #0.5pF GJM1552C1H7R2WB01# #0.1pF GJM1552C1H7R2WB01# #0.25pF GJM1552C1H7R2CB01# #0.5pF GJM1552C1H7R2CB01# #0.5pF GJM1552C1H7R2DB01# #0.5pF GJM1552C1H7R3DB01# #0.5pF GJM1552C1H7R3DB01# #0.5pF GJM1552C1H7R3DB01# #0.1pF GJM1552C1H7R3CB01# #0.25pF GJM1552C1H7R3CB01# #0.5pF GJM1552C1H7R3DB01# #0.5pF GJM1552C1H7R4WB01# #0.5pF GJM1552C1H7R4WB01# #0.5pF GJM1552C1H7R4WB01# #0.5pF GJM1552C1H7R4CB01# #0.5pF GJM1552C1H7R4CB01# #0.5pF GJM1552C1H7R4CB01# #0.5pF GJM1552C1H7R4CB01# |
| #0.5pF GJM1552C1H6R9DB01# #0.05pF GJM1552C1H7R0WB01# #0.1pF GJM1552C1H7R0BB01# #0.25pF GJM1552C1H7R0CB01# #0.5pF GJM1552C1H7R0DB01# #0.5pF GJM1552C1H7R1WB01# #0.1pF GJM1552C1H7R1BB01# #0.25pF GJM1552C1H7R1CB01# #0.5pF GJM1552C1H7R1DB01# #0.5pF GJM1552C1H7R1DB01# #0.5pF GJM1552C1H7R2WB01# #0.1pF GJM1552C1H7R2BB01# #0.25pF GJM1552C1H7R2CB01# #0.5pF GJM1552C1H7R2DB01# #0.5pF GJM1552C1H7R3DB01# #0.1pF GJM1552C1H7R3BB01# #0.25pF GJM1552C1H7R3BB01# #0.25pF GJM1552C1H7R3DB01# #0.5pF GJM1552C1H7R3CB01# #0.5pF GJM1552C1H7R3DB01# #0.5pF GJM1552C1H7R4WB01# #0.1pF GJM1552C1H7R4WB01# #0.1pF GJM1552C1H7R4BB01# #0.25pF GJM1552C1H7R4CB01# #0.5pF GJM1552C1H7R4CB01# #0.5pF GJM1552C1H7R4CB01# #0.5pF GJM1552C1H7R4CB01# |
| 7.0pF ±0.05pF GJM1552C1H7R0WB01# ±0.1pF GJM1552C1H7R0BB01# ±0.25pF GJM1552C1H7R0BB01# ±0.5pF GJM1552C1H7R0DB01# 7.1pF ±0.05pF GJM1552C1H7R1WB01# ±0.1pF GJM1552C1H7R1BB01# ±0.25pF GJM1552C1H7R1DB01# 7.2pF ±0.05pF GJM1552C1H7R1DB01# ±0.1pF GJM1552C1H7R2WB01# ±0.25pF GJM1552C1H7R2WB01# ±0.5pF GJM1552C1H7R2CB01# ±0.5pF GJM1552C1H7R2DB01# ±0.5pF GJM1552C1H7R3WB01# ±0.5pF GJM1552C1H7R3WB01# ±0.1pF GJM1552C1H7R3WB01# ±0.1pF GJM1552C1H7R3CB01# ±0.25pF GJM1552C1H7R3CB01# ±0.25pF GJM1552C1H7R3DB01# ±0.5pF GJM1552C1H7R4WB01# ±0.5pF GJM1552C1H7R4WB01# ±0.1pF GJM1552C1H7R4WB01# ±0.25pF GJM1552C1H7R4CB01# ±0.5pF GJM1552C1H7R4CB01# ±0.5pF GJM1552C1H7R4CB01# |
| #0.1pF GJM1552C1H7R0BB01# #0.25pF GJM1552C1H7R0CB01# #0.5pF GJM1552C1H7R1WB01# #0.1pF GJM1552C1H7R1WB01# #0.25pF GJM1552C1H7R1BB01# #0.25pF GJM1552C1H7R1DB01# #0.5pF GJM1552C1H7R1DB01# #0.1pF GJM1552C1H7R2WB01# #0.1pF GJM1552C1H7R2BB01# #0.25pF GJM1552C1H7R2BB01# #0.5pF GJM1552C1H7R2DB01# #0.5pF GJM1552C1H7R2DB01# #0.5pF GJM1552C1H7R3WB01# #0.1pF GJM1552C1H7R3BB01# #0.25pF GJM1552C1H7R3BB01# #0.25pF GJM1552C1H7R3CB01# #0.5pF GJM1552C1H7R3DB01# #0.5pF GJM1552C1H7R3DB01# #0.5pF GJM1552C1H7R4WB01# #0.5pF GJM1552C1H7R4WB01# #0.1pF GJM1552C1H7R4BB01# #0.25pF GJM1552C1H7R4CB01# #0.25pF GJM1552C1H7R4CB01# #0.5pF GJM1552C1H7R4CB01# #0.5pF GJM1552C1H7R4CB01# |
| #0.25pF GJM1552C1H7R0CB01# #0.5pF GJM1552C1H7R0DB01# 7.1pF #0.05pF GJM1552C1H7R1WB01# #0.1pF GJM1552C1H7R1BB01# #0.25pF GJM1552C1H7R1CB01# #0.5pF GJM1552C1H7R1DB01# 7.2pF #0.05pF GJM1552C1H7R2WB01# #0.1pF GJM1552C1H7R2BB01# #0.25pF GJM1552C1H7R2CB01# #0.5pF GJM1552C1H7R2DB01# 7.3pF #0.05pF GJM1552C1H7R3WB01# #0.1pF GJM1552C1H7R3BB01# #0.25pF GJM1552C1H7R3CB01# #0.25pF GJM1552C1H7R3CB01# #0.5pF GJM1552C1H7R3DB01# #0.5pF GJM1552C1H7R3DB01# #0.5pF GJM1552C1H7R4WB01# #0.5pF GJM1552C1H7R4WB01# #0.1pF GJM1552C1H7R4BB01# #0.25pF GJM1552C1H7R4CB01# #0.25pF GJM1552C1H7R4CB01# #0.5pF GJM1552C1H7R4CB01# |
| #0.5pF GJM1552C1H7R0DB01# 7.1pF #0.05pF GJM1552C1H7R1WB01# #0.1pF GJM1552C1H7R1BB01# #0.25pF GJM1552C1H7R1CB01# #0.5pF GJM1552C1H7R1DB01# 7.2pF #0.05pF GJM1552C1H7R2WB01# #0.1pF GJM1552C1H7R2BB01# #0.25pF GJM1552C1H7R2CB01# #0.5pF GJM1552C1H7R2DB01# 7.3pF #0.05pF GJM1552C1H7R3WB01# #0.1pF GJM1552C1H7R3BB01# #0.1pF GJM1552C1H7R3CB01# #0.25pF GJM1552C1H7R3CB01# #0.5pF GJM1552C1H7R3DB01# #0.5pF GJM1552C1H7R4WB01# #0.1pF GJM1552C1H7R4WB01# #0.1pF GJM1552C1H7R4WB01# #0.25pF GJM1552C1H7R4CB01# #0.5pF GJM1552C1H7R4CB01# #0.5pF GJM1552C1H7R4CB01# |
| 7.1pF ±0.05pF GJM1552C1H7R1WB01# ±0.1pF GJM1552C1H7R1BB01# ±0.25pF GJM1552C1H7R1DB01# ±0.5pF GJM1552C1H7R1DB01# ±0.05pF GJM1552C1H7R2WB01# ±0.1pF GJM1552C1H7R2DB01# ±0.25pF GJM1552C1H7R2DB01# ±0.5pF GJM1552C1H7R2DB01# ±0.1pF GJM1552C1H7R3WB01# ±0.1pF GJM1552C1H7R3BB01# ±0.25pF GJM1552C1H7R3DB01# ±0.5pF GJM1552C1H7R3DB01# ±0.5pF GJM1552C1H7R3DB01# ±0.5pF GJM1552C1H7R4WB01# ±0.1pF GJM1552C1H7R4WB01# ±0.25pF GJM1552C1H7R4CB01# ±0.25pF GJM1552C1H7R4CB01# ±0.5pF GJM1552C1H7R4CB01# |
| #0.1pF GJM1552C1H7R1BB01# #0.25pF GJM1552C1H7R1CB01# #0.5pF GJM1552C1H7R1DB01# 7.2pF #0.05pF GJM1552C1H7R2WB01# #0.1pF GJM1552C1H7R2BB01# #0.25pF GJM1552C1H7R2CB01# #0.5pF GJM1552C1H7R2DB01# #0.5pF GJM1552C1H7R3WB01# #0.1pF GJM1552C1H7R3BB01# #0.25pF GJM1552C1H7R3CB01# #0.25pF GJM1552C1H7R3CB01# #0.5pF GJM1552C1H7R3DB01# #0.5pF GJM1552C1H7R4WB01# #0.1pF GJM1552C1H7R4WB01# #0.25pF GJM1552C1H7R4CB01# #0.25pF GJM1552C1H7R4CB01# #0.25pF GJM1552C1H7R4CB01# |
| #0.25pF GJM1552C1H7R1CB01# #0.5pF GJM1552C1H7R1DB01# 7.2pF #0.05pF GJM1552C1H7R2WB01# #0.1pF GJM1552C1H7R2BB01# #0.25pF GJM1552C1H7R2CB01# #0.5pF GJM1552C1H7R2DB01# #0.5pF GJM1552C1H7R2DB01# #0.1pF GJM1552C1H7R3WB01# #0.25pF GJM1552C1H7R3CB01# #0.5pF GJM1552C1H7R3CB01# #0.5pF GJM1552C1H7R3DB01# #0.5pF GJM1552C1H7R4WB01# #0.1pF GJM1552C1H7R4WB01# #0.1pF GJM1552C1H7R4CB01# #0.25pF GJM1552C1H7R4CB01# #0.5pF GJM1552C1H7R4CB01# |
| #0.5pF GJM1552C1H7R1DB01# 7.2pF #0.05pF GJM1552C1H7R2WB01# #0.1pF GJM1552C1H7R2BB01# #0.25pF GJM1552C1H7R2CB01# #0.5pF GJM1552C1H7R2DB01# #0.5pF GJM1552C1H7R3WB01# #0.1pF GJM1552C1H7R3BB01# #0.25pF GJM1552C1H7R3CB01# #0.5pF GJM1552C1H7R3CB01# #0.5pF GJM1552C1H7R3DB01# #0.5pF GJM1552C1H7R4WB01# #0.1pF GJM1552C1H7R4WB01# #0.25pF GJM1552C1H7R4CB01# #0.25pF GJM1552C1H7R4CB01# #0.5pF GJM1552C1H7R4CB01# |
| 7.2pF ±0.05pF GJM1552C1H7R2WB01# ±0.1pF GJM1552C1H7R2BB01# ±0.25pF GJM1552C1H7R2CB01# ±0.5pF GJM1552C1H7R2DB01# 20.05pF GJM1552C1H7R3WB01# ±0.1pF GJM1552C1H7R3BB01# ±0.25pF GJM1552C1H7R3CB01# ±0.5pF GJM1552C1H7R3DB01# 20.05pF GJM1552C1H7R4WB01# ±0.1pF GJM1552C1H7R4WB01# ±0.25pF GJM1552C1H7R4CB01# ±0.25pF GJM1552C1H7R4CB01# ±0.5pF GJM1552C1H7R4CB01# |
| #0.1pF GJM1552C1H7R2BB01# #0.25pF GJM1552C1H7R2CB01# #0.5pF GJM1552C1H7R2DB01# 7.3pF #0.05pF GJM1552C1H7R3WB01# #0.1pF GJM1552C1H7R3BB01# #0.25pF GJM1552C1H7R3CB01# #0.5pF GJM1552C1H7R3DB01# #0.5pF GJM1552C1H7R4WB01# #0.1pF GJM1552C1H7R4WB01# #0.25pF GJM1552C1H7R4CB01# #0.25pF GJM1552C1H7R4CB01# #0.5pF GJM1552C1H7R4CB01# |
| ±0.25pF GJM1552C1H7R2CB01# ±0.5pF GJM1552C1H7R2DB01# 7.3pF ±0.05pF GJM1552C1H7R3WB01# ±0.1pF GJM1552C1H7R3BB01# ±0.25pF GJM1552C1H7R3CB01# ±0.5pF GJM1552C1H7R3DB01# 7.4pF ±0.05pF GJM1552C1H7R4WB01# ±0.1pF GJM1552C1H7R4BB01# ±0.25pF GJM1552C1H7R4CB01# ±0.5pF GJM1552C1H7R4CB01# |
| # ±0.5pF GJM1552C1H7R2DB01# 7.3pF ±0.05pF GJM1552C1H7R3WB01# ±0.1pF GJM1552C1H7R3BB01# ±0.25pF GJM1552C1H7R3CB01# ±0.5pF GJM1552C1H7R3DB01# 7.4pF ±0.05pF GJM1552C1H7R4WB01# ±0.1pF GJM1552C1H7R4BB01# ±0.25pF GJM1552C1H7R4CB01# ±0.5pF GJM1552C1H7R4CB01# |
| 7.3pF ±0.05pF GJM1552C1H7R3WB01# ±0.1pF GJM1552C1H7R3BB01# ±0.25pF GJM1552C1H7R3CB01# ±0.5pF GJM1552C1H7R3DB01# 7.4pF ±0.05pF GJM1552C1H7R4WB01# ±0.1pF GJM1552C1H7R4BB01# ±0.25pF GJM1552C1H7R4CB01# ±0.5pF GJM1552C1H7R4CB01# |
| ±0.1pF GJM1552C1H7R3BB01# ±0.25pF GJM1552C1H7R3CB01# ±0.5pF GJM1552C1H7R3DB01# 7.4pF ±0.05pF GJM1552C1H7R4WB01# ±0.1pF GJM1552C1H7R4BB01# ±0.25pF GJM1552C1H7R4CB01# ±0.5pF GJM1552C1H7R4DB01# |
| ±0.25pF GJM1552C1H7R3CB01# ±0.5pF GJM1552C1H7R3DB01# 7.4pF ±0.05pF GJM1552C1H7R4WB01# ±0.1pF GJM1552C1H7R4CB01# ±0.25pF GJM1552C1H7R4CB01# ±0.5pF GJM1552C1H7R4DB01# |
| ±0.5pF GJM1552C1H7R3DB01# 7.4pF ±0.05pF GJM1552C1H7R4WB01# ±0.1pF GJM1552C1H7R4BB01# ±0.25pF GJM1552C1H7R4CB01# ±0.5pF GJM1552C1H7R4DB01# |
| 7.4pF ±0.05pF GJM1552C1H7R4WB01# ±0.1pF GJM1552C1H7R4BB01# ±0.25pF GJM1552C1H7R4CB01# ±0.5pF GJM1552C1H7R4DB01# |
| ±0.1pF GJM1552C1H7R4BB01# ±0.25pF GJM1552C1H7R4CB01# ±0.5pF GJM1552C1H7R4DB01# |
| ±0.25pF GJM1552C1H7R4CB01# ±0.5pF GJM1552C1H7R4DB01# |
| ±0.5pF GJM1552C1H7R4DB01# |
| |
| 7.5pF +0.05pF G.IM1552C1H7R5WR01# |
| 7.0p. 20.00p. Gom: 0020 11711011201# |
| ±0.1pF GJM1552C1H7R5BB01# |
| ±0.25pF GJM1552C1H7R5CB01# |
| ±0.5pF GJM1552C1H7R5DB01# |
| 7.6pF ±0.05pF GJM1552C1H7R6WB01# |
| ±0.1pF GJM1552C1H7R6BB01# |
| ±0.25pF GJM1552C1H7R6CB01# |
| ±0.5pF GJM1552C1H7R6DB01# |
| 7.7pF ±0.05pF GJM1552C1H7R7WB01# |
| ±0.1pF GJM1552C1H7R7BB01# |
| ±0.25pF GJM1552C1H7R7CB01# |
| ±0.5pF GJM1552C1H7R7DB01# |
| 7.8pF ±0.05pF GJM1552C1H7R8WB01# |
| ±0.1pF |
| ±0.25pF |
| ±0.5pF |
| 7.9pF ±0.05pF GJM1552C1H7R9WB01# |
| ±0.1pF |
| ±0.25pF GJM1552C1H7R9CB01# |
| ±0.5pF |
| 8.0pF ±0.05pF GJM1552C1H8R0WB01# |
| ±0.1pF GJM1552C1H8R0BB01# |
| ±0.25pF GJM1552C1H8R0CB01# |
| ±0.5pF |
| 8.1pF ±0.05pF GJM1552C1H8R1WB01# |
| ±0.1pF GJM1552C1H8R1BB01# |
| ±0.25pF GJM1552C1H8R1CB01# |
| ±0.5pF GJM1552C1H8R1DB01# |
| 8.2pF ±0.05pF GJM1552C1H8R2WB01# Part number # indicates the package specification code |

| → ■ 1 | 10.0×0.5 | mm) | | 1 | | |
|-----------|------------------|------------|---------|--------------------|--------------------|--------------------|
| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number | |
| 0.55mm | 50Vdc | СН | 8.2pF | ±0.1pF | GJM1552C1H8R2BB01# | |
| | | | | ±0.25pF | GJM1552C1H8R2CB01# | |
| | | | | ±0.5pF | GJM1552C1H8R2DB01# | |
| | | | 8.3pF | ±0.05pF | GJM1552C1H8R3WB01# | |
| | | | | ±0.1pF | GJM1552C1H8R3BB01# | |
| | | | | ±0.25pF | GJM1552C1H8R3CB01# | |
| | | | | ±0.5pF | GJM1552C1H8R3DB01# | |
| | | | 8.4pF | ±0.05pF | GJM1552C1H8R4WB01# | |
| | | | | ±0.1pF | GJM1552C1H8R4BB01# | |
| | | | | ±0.25pF | GJM1552C1H8R4CB01# | |
| | | | | ±0.5pF | GJM1552C1H8R4DB01# | |
| | | | 8.5pF | ±0.05pF | GJM1552C1H8R5WB01# | |
| | | | | ±0.1pF | GJM1552C1H8R5BB01# | |
| | | | | ±0.25pF | GJM1552C1H8R5CB01# | |
| | | | | ±0.5pF | GJM1552C1H8R5DB01# | |
| | | | 8.6pF | ±0.05pF | GJM1552C1H8R6WB01# | |
| | | | | ±0.1pF | GJM1552C1H8R6BB01# | |
| | | | | ±0.25pF | GJM1552C1H8R6CB01# | |
| | | | | ±0.5pF | GJM1552C1H8R6DB01# | |
| | | - | 8.7pF | ±0.05pF | GJM1552C1H8R7WB01# | |
| | | 0.7 μ | ±0.1pF | GJM1552C1H8R7BB01# | | |
| | | | ±0.25pF | | | |
| | | | ±0.5pF | GJM1552C1H8R7DB01# | | |
| | | 8.8pF | ±0.05pF | GJM1552C1H8R8WB01# | | |
| | | | о.орг | ±0.1pF | GJM1552C1H8R8BB01# | |
| | | | | ±0.25pF | GJM1552C1H8R8CB01# | |
| | | | | | ±0.5pF | GJM1552C1H8R8DB01# |
| | | _ | 8.9pF | ±0.05pF | GJM1552C1H8R9WB01# | |
| | | | 8.9pF | ±0.1pF | GJM1552C1H8R9BB01# | |
| | | | | ±0.25pF | | |
| | | | | | GJM1552C1H8R9DB01# | |
| | | | 0.0nE | ±0.5pF | | |
| | | | 9.0pF | ±0.05pF | GJM1552C1H9R0WB01# | |
| | | | | ±0.1pF | GJM1552C1H9R0BB01# | |
| | | | | ±0.25pF | | |
| | | | 2 | ±0.5pF | GJM1552C1H9R0DB01# | |
| | | | 9.1pF | ±0.05pF | | |
| | | | | ±0.1pF | GJM1552C1H9R1BB01# | |
| | | | | ±0.25pF | | |
| | | - | | ±0.5pF | GJM1552C1H9R1DB01# | |
| | | | 9.2pF | ±0.05pF | GJM1552C1H9R2WB01# | |
| | | | | ±0.1pF | GJM1552C1H9R2BB01# | |
| | | | | ±0.25pF | GJM1552C1H9R2CB01# | |
| | | | | ±0.5pF | GJM1552C1H9R2DB01# | |
| | | 9.3pF | ±0.05pF | GJM1552C1H9R3WB01# | | |
| | | | ±0.1pF | GJM1552C1H9R3BB01# | | |
| | | | ±0.25pF | GJM1552C1H9R3CB01# | | |
| | | | ±0.5pF | GJM1552C1H9R3DB01# | | |
| | | | 9.4pF | ±0.05pF | GJM1552C1H9R4WB01# | |
| | | | | ±0.1pF | GJM1552C1H9R4BB01# | |
| | | | | ±0.25pF | GJM1552C1H9R4CB01# | |
| | | | | ±0.5pF | GJM1552C1H9R4DB01# | |
| | | | 9.5pF | ±0.05pF | GJM1552C1H9R5WB01# | |
| | | | • | ±0.1pF | GJM1552C1H9R5BB01# | |
| | | | | ±0.25pF | GJM1552C1H9R5CB01# | |

| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number |
|-----------|------------------|------------|------------|---------|--------------------|
| 0.55mm | 50Vdc | СН | 9.5pF | ±0.5pF | GJM1552C1H9R5DB01# |
| | | | 9.6pF | ±0.05pF | GJM1552C1H9R6WB01# |
| | | | | ±0.1pF | GJM1552C1H9R6BB01# |
| | | | | ±0.25pF | GJM1552C1H9R6CB01# |
| | | | | ±0.5pF | GJM1552C1H9R6DB01# |
| | | | 9.7pF | ±0.05pF | GJM1552C1H9R7WB01# |
| | | | | ±0.1pF | GJM1552C1H9R7BB01# |
| | | | | ±0.25pF | GJM1552C1H9R7CB01# |
| | | | | ±0.5pF | GJM1552C1H9R7DB01# |
| | | | 9.8pF | ±0.05pF | GJM1552C1H9R8WB01# |
| | | | | ±0.1pF | GJM1552C1H9R8BB01# |
| | | | | ±0.25pF | GJM1552C1H9R8CB01# |
| | | | | ±0.5pF | GJM1552C1H9R8DB01# |
| | | | 9.9pF | ±0.05pF | GJM1552C1H9R9WB01# |
| | | | | ±0.1pF | GJM1552C1H9R9BB01# |
| | | | | ±0.25pF | GJM1552C1H9R9CB01# |
| | | | | ±0.5pF | GJM1552C1H9R9DB01# |
| | | | 10pF | ±2% | GJM1552C1H100GB01# |
| | | | | ±5% | GJM1552C1H100JB01# |
| | | | 11pF | ±2% | GJM1552C1H110GB01# |
| | | | | ±5% | GJM1552C1H110JB01# |
| | | | 12pF | ±2% | GJM1552C1H120GB01# |
| | | | | ±5% | GJM1552C1H120JB01# |
| | | | 13pF | ±2% | GJM1552C1H130GB01# |
| | | | | ±5% | GJM1552C1H130JB01# |
| | | | 15pF | ±2% | GJM1552C1H150GB01# |
| | | | | ±5% | GJM1552C1H150JB01# |
| | | | 16pF | ±2% | GJM1552C1H160GB01# |
| | | | | ±5% | GJM1552C1H160JB01# |
| | | | 18pF | ±2% | GJM1552C1H180GB01# |
| | | | | ±5% | GJM1552C1H180JB01# |
| | | | 20pF | ±2% | GJM1552C1H200GB01# |
| | | | | ±5% | GJM1552C1H200JB01# |
| | | | 22pF | ±1% | GJM1552C1H220FB01# |
| | | | | ±2% | GJM1552C1H220GB01# |
| | | | | ±5% | GJM1552C1H220JB01# |
| | | | 24pF | ±1% | GJM1552C1H240FB01# |
| | | | | ±2% | GJM1552C1H240GB01# |
| | | | - | ±5% | GJM1552C1H240JB01# |
| | | | 27pF | ±1% | GJM1552C1H270FB01# |
| | | | | ±2% | GJM1552C1H270GB01# |
| | | | . - | ±5% | GJM1552C1H270JB01# |
| | | | 30pF | ±1% | GJM1552C1H300FB01# |
| | | | | ±2% | GJM1552C1H300GB01# |
| | | | | ±5% | GJM1552C1H300JB01# |
| | | | 33pF | ±1% | GJM1552C1H330FB01# |
| | | | | ±2% | GJM1552C1H330GB01# |
| | | | 00.5 | ±5% | GJM1552C1H330JB01# |
| | | | 36pF | ±1% | GJM1552C1H360FB01# |
| | | | | ±2% | GJM1552C1H360GB01# |
| | | | 00.5 | ±5% | GJM1552C1H360JB01# |
| | | | 39pF | ±1% | GJM1552C1H390FB01# |
| | | | | ±2% | GJM1552C1H390GB01# |
| | | | Dort r | ±5% | GJM1552C1H390JB01# |

Capacitor Array GNM Series

GJM Series Temperature Compensating Type Hio Part Number List

(→ **■** 1.0×0.5mm)

| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number |
|-----------|------------------|------------|------|------|--------------------|
| 0.55mm | 50Vdc | СН | 43pF | ±1% | GJM1552C1H430FB01# |
| | | | | ±2% | GJM1552C1H430GB01# |
| | | | | ±5% | GJM1552C1H430JB01# |
| | | | 47pF | ±1% | GJM1552C1H470FB01# |
| | | | | ±2% | GJM1552C1H470GB01# |
| | | | | ±5% | GJM1552C1H470JB01# |

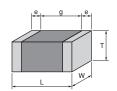
Chip Monolithic Ceramic Capacitors

High Frequency GQM Series

HiQ

Capacitor for high frequency suitable for PA designs.





- 11 HiQ and low ESR in UHF and microwave frequency bands.
- 2 Highly conductive copper was adopted for the internal electrodes.
- 3 Product compatible to tight tolerances.
- 4 Achieved high withstand voltages.
- 5 Ideal for improving the characteristics and reducing power consumption in RF equipment.



Capacitor Array GNM Series

GQM Series Temperature Compensating Type High Part Number List

| ■ 1.6× | <0.8mr | n | | | | | |
|---------------|------------------|------------|--------|-------------------|--|---------|--------------------|
| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number | | |
| 0.8mm | 250Vdc | COG | 0.1pF | ±0.1pF | GQM1875C2ER10BB12# | | |
| | | | 0.2pF | ±0.1pF | GQM1875C2ER20BB12# | | |
| | | | 0.3pF | ±0.1pF | GQM1875C2ER30BB12# | | |
| | | | | ±0.25pF | GQM1875C2ER30CB12# | | |
| | | | 0.4pF | ±0.1pF | GQM1875C2ER40BB12# | | |
| | | | | ±0.25pF | GQM1875C2ER40CB12# | | |
| | | | 0.5pF | ±0.1pF | GQM1875C2ER50BB12# | | |
| | | | | ±0.25pF | GQM1875C2ER50CB12# | | |
| | | | 0.75pF | ±0.1pF | GQM1875C2ER75BB12# | | |
| | | | | ±0.25pF | GQM1875C2ER75CB12# | | |
| | | | 1.0pF | ±0.1pF | GQM1875C2E1R0BB12# | | |
| | | | | ±0.25pF | GQM1875C2E1R0CB12# | | |
| | | | 1.1pF | ±0.1pF | GQM1875C2E1R1BB12# | | |
| | | | | ±0.25pF | GQM1875C2E1R1CB12# | | |
| | | | 1.2pF | ±0.1pF | GQM1875C2E1R2BB12# | | |
| | | | | ±0.25pF | GQM1875C2E1R2CB12# | | |
| | | | 1.3pF | ±0.1pF | GQM1875C2E1R3BB12# | | |
| | | | | ±0.25pF | GQM1875C2E1R3CB12# | | |
| | | | 1.5pF | ±0.1pF | GQM1875C2E1R5BB12# | | |
| | | | | ±0.25pF | GQM1875C2E1R5CB12# | | |
| | | | 1.6pF | ±0.1pF | GQM1875C2E1R6BB12# | | |
| | | | | ±0.25pF | GQM1875C2E1R6CB12# | | |
| | | | 1.8pF | ±0.1pF | GQM1875C2E1R8BB12# | | |
| | | | | ±0.25pF | GQM1875C2E1R8CB12# | | |
| | | | 2.0pF | ±0.1pF | GQM1875C2E2R0BB12# | | |
| | | | | ±0.25pF | GQM1875C2E2R0CB12# | | |
| | | | 2.2pF | ±0.1pF | GQM1875C2E2R2BB12# | | |
| | | | | | | ±0.25pF | GQM1875C2E2R2CB12# |
| | | | 2.4pF | ±0.1pF | GQM1875C2E2R4BB12# | | |
| | | | | ±0.25pF | GQM1875C2E2R4CB12# | | |
| | | | 2.7pF | ±0.1pF | GQM1875C2E2R7BB12# | | |
| | | | | ±0.25pF | GQM1875C2E2R7CB12# | | |
| | | | 3.0pF | ±0.1pF | GQM1875C2E3R0BB12# | | |
| | | | | ±0.25pF | GQM1875C2E3R0CB12# | | |
| | | | 3.3pF | ±0.1pF | GQM1875C2E3R3BB12# | | |
| | | | | ±0.25pF | GQM1875C2E3R3CB12# | | |
| | | | 3.6pF | ±0.1pF | GQM1875C2E3R6BB12# | | |
| | | | | ±0.25pF | GQM1875C2E3R6CB12# | | |
| | | | 3.9pF | ±0.1pF | GQM1875C2E3R9BB12# | | |
| | | | 4.0 | ±0.25pF | GQM1875C2E3R9CB12# | | |
| | | | 4.0pF | ±0.1pF | GQM1875C2E4R0BB12# | | |
| | | | 1.05 | ±0.25pF | GQM1875C2E4R0CB12# | | |
| | | | 4.3pF | ±0.1pF | GQM1875C2E4R3BB12# | | |
| | | | 175E | ±0.25pF | GQM1875C2E4R3CB12# | | |
| | | | 4.7pF | ±0.1pF | GQM1875C2E4R7BB12# | | |
| | | | 5.0pF | ±0.25pF ±0.1pF | GQM1875C2E4R7CB12# GQM1875C2E5R0BB12# | | |
| | | | υ.υμΓ | ±0.1pr ±0.25pF | GQM1875C2E5R0CB12# | | |
| | | | 5.1pF | ±0.25pF | GQM1875C2E5R1CB12# | | |
| | | | υ. τρι | ±0.25pF | GQM1875C2E5R1DB12# | | |
| | | | 5.6pF | ±0.25pF | GQM1875C2E5R6CB12# | | |
| | | | J.0pi | ±0.5pF | GQM1875C2E5R6DB12# | | |
| | | | | ±0.0pi | | | |

| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number | |
|-----------|------------------|------------|---------|------------|--|--|
| 0.8mm | 250Vdc | COG | 6.0pF | ±0.25pF | GQM1875C2E6R0CB12# | |
| | | | | ±0.5pF | GQM1875C2E6R0DB12# | |
| | | | 6.2pF | ±0.25pF | GQM1875C2E6R2CB12# | |
| | | | | ±0.5pF | GQM1875C2E6R2DB12# | |
| | | | 6.8pF | ±0.25pF | GQM1875C2E6R8CB12# | |
| | | | | ±0.5pF | GQM1875C2E6R8DB12# | |
| | | | 7.0pF | ±0.25pF | GQM1875C2E7R0CB12# | |
| | | | | ±0.5pF | GQM1875C2E7R0DB12# | |
| | | | 7.5pF | ±0.25pF | GQM1875C2E7R5CB12# | |
| | | | | ±0.5pF | GQM1875C2E7R5DB12# | |
| | | | 8.0pF | ±0.25pF | GQM1875C2E8R0CB12# | |
| | | | | ±0.5pF | GQM1875C2E8R0DB12# | |
| | | | 8.2pF | ±0.25pF | GQM1875C2E8R2CB12# | |
| | | | | ±0.5pF | GQM1875C2E8R2DB12# | |
| | | | 9.0pF | ±0.25pF | GQM1875C2E9R0CB12# | |
| | | | | ±0.5pF | GQM1875C2E9R0DB12# | |
| | | | 9.1pF | ±0.25pF | GQM1875C2E9R1CB12# | |
| | | | | ±0.5pF | GQM1875C2E9R1DB12# | |
| | | | 10pF | ±2% | GQM1875C2E100GB12# | |
| | | | | ±5% | GQM1875C2E100JB12# | |
| | | | 11pF | ±2% | GQM1875C2E110GB12# | |
| | | | | ±5% | GQM1875C2E110JB12# | |
| | | | 12pF | ±2% | GQM1875C2E120GB12# | |
| | | | | ±5% | GQM1875C2E120JB12# | |
| | | | 13pF | ±2% | GQM1875C2E130GB12# | |
| | | | | ±5% | GQM1875C2E130JB12# | |
| | | | 15pF | ±2% | GQM1875C2E150GB12# | |
| | | | | ±5% | GQM1875C2E150JB12# | |
| | | | 16pF | ±2% | GQM1875C2E160GB12# | |
| | | | | ±5% | GQM1875C2E160JB12# | |
| | | | 18pF | ±2% | GQM1875C2E180GB12# | |
| | | | | ±5% | GQM1875C2E180JB12# | |
| | | | 20pF | ±2% | GQM1875C2E200GB12# | |
| | | | | ±5% | GQM1875C2E200JB12# | |
| | | | 22pF | ±2% | GQM1875C2E220GB12# | |
| | | | | ±5% | GQM1875C2E220JB12# | |
| | | | 24pF | ±2% | GQM1875C2E240GB12# | |
| | | | | ±5% | GQM1875C2E240JB12# | |
| | | | 27pF | ±2% | GQM1875C2E270GB12# | |
| | | | 00.7 | ±5% | GQM1875C2E270JB12# | |
| | | | 30pF | ±2% | GQM1875C2E300GB12# | |
| | | | 20-5 | ±5% | GQM1875C2E300JB12# | |
| | | | 33pF | ±2% | GQM1875C2E330GB12# | |
| | | | 2005 | ±5% | GQM1875C2E330JB12# | |
| | | | 36pF | ±2% | GQM1875C2E360GB12# | |
| | | | 39pF | ±5% ±2% | GQM1875C2E360JB12# GQM1875C2E390GB12# | |
| | | | oahu | ±5% | GQM1875C2E390GB12# | |
| | | | 43pF | ±2% | GQM1875C2E430GB12# | |
| | | | ισρι | ±5% | GQM1875C2E430JB12# | |
| | | | 47pF | ±2% | GQM1875C2E470GB12# | |
| | | | | ±5% | GQM1875C2E470JB12# | |
| 0.9mm | 100Vdc | COG | 0.5pF | ±0.1pF | GQM1885C2AR50BB01# | |
| | | | - | ±0.25pF | GQM1885C2AR50CB01# | |
| | I | | | | | |



| To Notice Code Code Tol. Part Number | (→ ■ 1 | .6×0.8r | mm) | | | |
|--|--------|---------|-------|----------------|---------|--------------------|
| ### ### ############################## | - | | _ | Cap. | Tol. | Part Number |
| 1.0pF ±0.1pF dQM1885C2A1R0BB01# ±0.25pF GQM1885C2A1R1CB01# 1.2pF ±0.1pF GQM1885C2A1R1CB01# ±0.25pF GQM1885C2A1R1CB01# ±0.25pF GQM1885C2A1R3BB01# ±0.25pF GQM1885C2A1R3CB01# ±0.25pF GQM1885C2A2R3CB01# ±0.25pF GQM1885C2AR3CB01# ±0.25pF GQM1885C2A3R3CB01# ±0.25pF GQM1885C2A5RGCB01# ±0.5pF 0.9mm | 100Vdc | COG | 0.75pF | ±0.1pF | GQM1885C2AR75BB01# |
| ### 1.025pF GOM1885C2A1R0CB01# | | | | | ±0.25pF | GQM1885C2AR75CB01# |
| 1.1pF ±0.1pF commasscalaribididididididididididididididididididi | | | | 1.0pF | ±0.1pF | GQM1885C2A1R0BB01# |
| 10.25pF dO.185C2A1R1CB01# do.25pF GOM1885C2A1R3CB01# do.25pF GOM1885C2A1R3CB01# do.25pF dom1885C2A1R3CB01# do.25pF dom1885C2A2R0CB01# do.25pF dom1885C2A3R0CB01# do.25pF dom1885C2A4R0CB01# do.25pF dom1885C2A5R0CB01# d | | | | | ±0.25pF | GQM1885C2A1R0CB01# |
| 1.2pF ±0.1pF GQM1885C2A1R2BB01# ±0.25pF GQM1885C2A1R3CB01# ±0.25pF GQM1885C2A2R0CB01# ±0.25pF GQM1885C2A3R0CB01# ±0.25pF GQM1885C2A4R3CB01# ±0.5pF GQM1885C2A5R0CB01# ±0.5pF GQM1885C2A5R0CB01# ±0.5pF GQM1885C2A5R0CB01# ±0.5pF GQM1885C2A5R0CB01# ±0.5pF GQM1885C2A5R0CB01# ±0.5pF GQM1885C2A5R0CB01# ±0.5pF GQM1885C2A6R0CB01# ±0.5pF GQM1885C2 | | | | 1.1pF | ±0.1pF | GQM1885C2A1R1BB01# |
| ### 1.3pF ### 20.1pF ### 20.25pF ### 20.2 | | | | | ±0.25pF | GQM1885C2A1R1CB01# |
| 1.3pF ±0.1pF GQM1885C2A1R3BB01# ±0.25pF GQM1885C2A1R3CB01# ±0.25pF GQM1885C2A1R5CB01# ±0.25pF GQM1885C2A1R6CB01# ±0.25pF GQM1885C2A2R0CB01# ±0.25pF GQM1885C2A3R0CB01# ±0.25pF GQM1885C2A5R0CB01# ±0.5pF GQM1885C2A5R0CB | | | | 1.2pF | ±0.1pF | GQM1885C2A1R2BB01# |
| ## 10.25pF GQM1885C2A1R3CB01# ## 10.25pF GQM1885C2A1R5CB01# ## 10.25pF GQM1885C2A1R6CB01# ## 10.25pF GQM1885C2A2R0CB01# ## 10.25pF GQM1885C2A2R0CB01# ## 10.25pF GQM1885C2A2R0CB01# ## 10.25pF GQM1885C2A2R4BB01# ## 10.25pF GQM1885C2A3R0CB01# ## 10.25pF GQM1885C2A3R0CB01# ## 10.25pF GQM1885C2A3R0CB01# ## 10.25pF GQM1885C2A3R0CB01# ## 10.25pF GQM1885C2A3R6CB01# ## 10.25pF GQM1885C2A3R6CB01# ## 10.25pF GQM1885C2A3R6CB01# ## 10.25pF GQM1885C2A3R0CB01# ## 10.25pF GQM1885C2A3R0BB01# ## 10.25pF GQM1885C2A3R0B01# ## 10.25pF GQM1885C2A3R0CB01# ## 10.25pF GQM1885C2A5R0CB01# ## 10.25pF GQM | | | | | ±0.25pF | GQM1885C2A1R2CB01# |
| 1.5pF ±0.1pF GQM1885C2A1R5BB01# ±0.25pF GQM1885C2A1R5CB01# 40.25pF GQM1885C2A1R6CB01# ±0.25pF GQM1885C2A1R6CB01# ±0.25pF GQM1885C2A1R6CB01# ±0.25pF GQM1885C2A1R6CB01# ±0.25pF GQM1885C2A1R6CB01# ±0.25pF GQM1885C2A1R6CB01# ±0.25pF GQM1885C2A2R0BB01# ±0.25pF GQM1885C2A2R0BB01# ±0.25pF GQM1885C2A2R0BB01# ±0.25pF GQM1885C2A2R4BB01# ±0.25pF GQM1885C2A2R4BB01# ±0.25pF GQM1885C2A2R4BB01# ±0.25pF GQM1885C2A2R0B01# ±0.25pF GQM1885C2A3R0BB01# ±0.25pF GQM1885C2A4R0BB01# ±0.25pF GQM1885C2A4R0BB01# ±0.25pF GQM1885C2A4R0BB01# ±0.25pF GQM1885C2A4R0BB01# ±0.25pF GQM1885C2A4R3BB01# ±0.25pF GQM1885C2A4R3BB01# ±0.25pF GQM1885C2A4R3BB01# ±0.25pF GQM1885C2A4R3BB01# ±0.25pF GQM1885C2A5R0BB01# ±0.25pF GQM1885C2A5R0BB01# ±0.25pF GQM1885C2A5R0BB01# ±0.25pF GQM1885C2A5R0BB01# ±0.25pF GQM1885C2A5R0BB01# ±0.5pF GQM1885C2A5R0BB01# ± | | | | 1.3pF | ±0.1pF | GQM1885C2A1R3BB01# |
| ### ### ############################## | | | | | ±0.25pF | GQM1885C2A1R3CB01# |
| 1.6pF ±0.1pF GQM1885C2A1R6BB01# ±0.25pF GQM1885C2A1R6BB01# ±0.25pF GQM1885C2A1R8BB01# ±0.25pF GQM1885C2A2R0BB01# ±0.25pF GQM1885C2A2R0BB01# ±0.25pF GQM1885C2A2R0BB01# ±0.25pF GQM1885C2A2R2BB01# ±0.25pF GQM1885C2A2R2BB01# ±0.25pF GQM1885C2A2R2BB01# ±0.25pF GQM1885C2A2R2BB01# ±0.25pF GQM1885C2A2R2BB01# ±0.25pF GQM1885C2A2R3BB01# ±0.25pF GQM1885C2A2R3BB01# ±0.25pF GQM1885C2A3R0BB01# ±0.25pF GQM1885C2A3R3BB01# ±0.25pF GQM1885C2A3R0B01# ±0.25pF GQM1885C2A5R0B01# ±0.25pF GQM1885C2A5R0B01# ±0.25pF GQM1885C2A5R0B01# ±0.25pF GQM1885C2A5R0B01# ±0.5pF GQM1885C2A5R0B001# ±0.5p | | | | 1.5pF | ±0.1pF | GQM1885C2A1R5BB01# |
| ### 1.8pF ### 2.1pF ### 2.2pF ### 2.2pp ### 2. | | | | | ±0.25pF | GQM1885C2A1R5CB01# |
| 1.8pF ±0.1pF GQM1885C2A1R8BB01# ±0.25pF GQM1885C2A2R0B01# ±0.25pF GQM1885C2A2R0B01# ±0.25pF GQM1885C2A2R2BD1# ±0.25pF GQM1885C2A2R2BD1# ±0.25pF GQM1885C2A2R2BD1# ±0.25pF GQM1885C2A2R2BD1# ±0.25pF GQM1885C2A2R2BD1# ±0.25pF GQM1885C2A2R7BD1# ±0.25pF GQM1885C2A2R7BD1# ±0.25pF GQM1885C2A2R7BD1# ±0.25pF GQM1885C2A3R0BD1# ±0.25pF GQM1885C2A3R0BD1# ±0.25pF GQM1885C2A3R0BD1# ±0.25pF GQM1885C2A3R3BD1# ±0.25pF GQM1885C2A4R3BD1# ±0.25pF GQM1885C2A4R3BD1# ±0.25pF GQM1885C2A4R3BD1# ±0.25pF GQM1885C2A4R3BD1# ±0.25pF GQM1885C2A4R3BD1# ±0.25pF GQM185C2A4R3BD1# ±0.25pF GQM185C2A5R0BD1# ±0.25pF GQM185C2A5R0BD1# ±0.25pF GQM185C2A5R0BD1# ±0.25pF GQM185C2A5R0BD1# ±0.25pF GQM185C2A5R0BD1# ±0.5pF GQM185C2A5R0BD1# ±0.5pF GQM185C2A5R0BD1# ±0.5pF GQM185C2A5R0BD01# ±0.5pF GQM185C2A5R0BD01# ±0.5pF GQM185C2A5R0BD01# ±0.5pF GQM185C2A5R0BD01# ±0.5pF GQM185C2A6R0BD1# ±0.5pF G | | | | 1.6pF | ±0.1pF | GQM1885C2A1R6BB01# |
| #0.25pF GQM1885C2AR0B01# #0.25pF GQM1885C2AR0B01# #0.25pF GQM1885C2AR0B01# #0.25pF GQM1885C2AR0B01# #0.25pF GQM1885C2AR0B01# #0.25pF GQM1885C2AR0B01# #0.25pF GQM1885C2AR0B01# #0.25pF GQM1885C2AR7B01# #0.25pF GQM1885C2AR7B01# #0.25pF GQM1885C2AR7B01# #0.25pF GQM1885C2AR7B01# #0.25pF GQM1885C2AR7B01# #0.25pF GQM1885C2AR0B01# #0.25pF GQM1885C2AF0B01# #0.5pF GQM185C2AF0B01# #0.5pF GQM185C2AF0B01# #0.5pF GQM185C2AF0B01# #0.5pF GQM185C2AF0B01# #0.5pF GQM185C2AF0B001# # | | | | | ±0.25pF | GQM1885C2A1R6CB01# |
| 2.0pF ±0.1pF GQM1885C2A2R0BB01# ±0.25pF GQM1885C2A2R2BB01# ±0.25pF GQM1885C2A2R2BB01# ±0.25pF GQM1885C2A2R2BB01# ±0.25pF GQM1885C2A2R2BB01# ±0.25pF GQM1885C2A2R2BB01# ±0.25pF GQM1885C2A2R7BB01# ±0.25pF GQM1885C2A3R3BB01# ±0.25pF GQM1885C2A4R0BB01# ±0.25pF GQM1885C2A4R0BB01# ±0.25pF GQM1885C2A4R3BB01# ±0.25pF GQM1885C2A4R3BB01# ±0.25pF GQM1885C2A4R3BB01# ±0.25pF GQM1885C2A4R3BB01# ±0.25pF GQM1885C2A4R3BB01# ±0.25pF GQM1885C2A4R3BB01# ±0.25pF GQM1885C2A5R0BB01# ±0.25pF GQM1885C2A5R0BB01# ±0.5pF GQM1885C2A5R0BB01# ±0.5pF GQM1885C2A5R0BD01# ±0.5pF GQM1885C2A5R0BD01# ±0.5pF GQM1885C2A5R0BD01# ±0.5pF GQM1885C2A5R0BD01# ±0.5pF GQM185C2A5R0BD01# ±0.5pF GQM185C2A5GCBD01# ±0.5pF GQM185C2A5GCBD01# ±0.5pF GQM185C2A5GBD001# ±0.5pF GQM185C2A5GBD001# ±0.5pF GQM185C2A5GBD001# ±0.5pF GQM185C2A5GBD001# ±0.5pF GQM185C2A5GBD001# ±0.5pF GQM185C2A5GBD0001# ±0.5pF GQM185C2A5GBD0001# ±0.5pF GQM185C2A5GBD00001# ±0.5pF GQM185C2A5GBD00001# ±0.5pF GQM185C2A5GBD000000000000000000000000000000000000 | | | | 1.8pF | ±0.1pF | GQM1885C2A1R8BB01# |
| #0.25pF GQM1885C2A2R0CB01# 2.2pF ±0.1pF GQM1885C2A2R2BB01# ±0.25pF GQM1885C2A2R2CB01# 2.4pF ±0.1pF GQM1885C2A2R4BB01# ±0.25pF GQM1885C2A2R4CB01# 2.7pF ±0.1pF GQM1885C2A2R4CB01# 2.7pF ±0.1pF GQM1885C2A2R7CB01# 3.0pF ±0.1pF GQM1885C2A2R7CB01# 3.0pF ±0.1pF GQM1885C2A3R0BB01# ±0.25pF GQM1885C2A3R0CB01# 3.3pF ±0.1pF GQM1885C2A3R3CB01# ±0.25pF GQM1885C2A3R3CB01# ±0.25pF GQM1885C2A3R3CB01# ±0.25pF GQM1885C2A3R3CB01# ±0.25pF GQM1885C2A3R3CB01# 4.0pF ±0.1pF GQM1885C2A3R9CB01# 4.0pF ±0.1pF GQM1885C2A3R9CB01# 4.0pF ±0.1pF GQM1885C2A4R0BB01# ±0.25pF GQM1885C2A4R0CB01# 4.3pF ±0.1pF GQM1885C2A4R3BB01# ±0.25pF GQM1885C2A4R7BB01# ±0.25pF GQM1885C2A4R7CB01# 5.0pF ±0.1pF GQM1885C2A4R7CB01# 5.0pF ±0.1pF GQM1885C2A5R0CB01# 5.0pF ±0.25pF GQM1885C2A5R0CB01# 5.0pF ±0.25pF GQM1885C2A5R0CB01# 5.0pF ±0.25pF GQM1885C2A5R0CB01# ±0.5pF GQM1885C2A5R0CB01# ±0.5pF GQM1885C2A5R0CB01# ±0.5pF GQM1885C2A5R0CB01# ±0.5pF GQM1885C2A5R0CB01# ±0.5pF GQM1885C2A6R0CB01# | | | | | ±0.25pF | GQM1885C2A1R8CB01# |
| 2.2pF ±0.1pF GQM1885C2A2R2BB01# ±0.25pF GQM1885C2A2R2CB01# 2.4pF ±0.1pF GQM1885C2A2R4CB01# ±0.25pF GQM1885C2A2R4CB01# ±0.25pF GQM1885C2A2R7CB01# ±0.25pF GQM1885C2A2R7CB01# ±0.25pF GQM1885C2A3R0BB01# ±0.25pF GQM1885C2A3R0CB01# ±0.25pF GQM1885C2A3R0CB01# ±0.25pF GQM1885C2A3R3BB01# ±0.25pF GQM1885C2A3R3CB01# ±0.25pF GQM1885C2A4R0CB01# ±0.25pF GQM1885C2A4R0CB01# ±0.25pF GQM1885C2A4R3CB01# ±0.25pF GQM1885C2A4R3CB01# ±0.25pF GQM1885C2A4R3CB01# ±0.25pF GQM1885C2A4R3CB01# ±0.25pF GQM1885C2A4R3CB01# ±0.25pF GQM1885C2A5R0CB01# ±0.5pF GQM1884C2AR50BB01# | | | | 2.0pF | ±0.1pF | GQM1885C2A2R0BB01# |
| #0.25pF GQM1885C2A2R2CB01# 2.4pF | | | | | ±0.25pF | GQM1885C2A2R0CB01# |
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| ### ### ############################## | | | | | ±0.25pF | GQM1885C2A2R2CB01# |
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| ### ### ############################## | | | | | ±0.25pF | GQM1885C2A2R4CB01# |
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| 3.3pF ±0.1pF GQM1885C2A3R3CB01# ±0.25pF GQM1885C2A3R3CB01# 3.6pF ±0.1pF GQM1885C2A3R6CB01# ±0.25pF GQM1885C2A3R9CB01# ±0.25pF GQM1885C2A3R9CB01# 4.0pF ±0.1pF GQM1885C2A3R9CB01# 4.0pF ±0.1pF GQM1885C2A4R0CB01# 4.3pF ±0.1pF GQM1885C2A4R3CB01# 4.7pF ±0.1pF GQM1885C2A4R3CB01# 4.7pF ±0.1pF GQM1885C2A4R3CB01# 4.7pF ±0.1pF GQM1885C2A4R3CB01# 5.0pF ±0.1pF GQM1885C2A4R7CB01# 5.0pF ±0.1pF GQM1885C2A5R0CB01# 5.1pF ±0.25pF GQM1885C2A5R0CB01# 5.6pF ±0.25pF GQM1885C2A5R1CB01# ±0.5pF GQM1885C2A5R1CB01# ±0.5pF GQM1885C2A5R6CB01# ±0.5pF GQM1885C2A5R6CB01# ±0.5pF GQM1885C2A5R0CB01# ±0.5pF GQM1885C2A6R0CB01# ±0.5pF GQM1885C2A6R0CB01# ±0.5pF GQM1885C2A6R0CB01# ±0.5pF GQM1885C2A6R2CB01# ±0.5pF GQM1885C2A6R2CB01# ±0.5pF GQM1885C2A6R8CB01# ±0.5pF GQM1884C2AR50BB01# | | | | | ±0.1pF | GQM1885C2A3R0BB01# |
| #0.25pF GQM1885C2A3R3CB01# #0.25pF GQM1885C2A3R6BB01# #0.25pF GQM1885C2A3R6CB01# #0.25pF GQM1885C2A3R9CB01# #0.25pF GQM1885C2A3R9CB01# #0.25pF GQM1885C2A3R9CB01# #0.25pF GQM1885C2A4R0BB01# #0.25pF GQM1885C2A4R0B01# #0.25pF GQM1885C2A4R3CB01# #0.25pF GQM1885C2A4R3CB01# #0.25pF GQM1885C2A4R3CB01# #0.25pF GQM1885C2A4R7BB01# #0.25pF GQM1885C2A4R7CB01# #0.25pF GQM1885C2A4R7CB01# #0.25pF GQM1885C2A5R0CB01# #0.5pF GQM1885C2A5R0CB01# #0.5pF GQM1885C2A5R1CB01# #0.5pF GQM1885C2A5R1CB01# #0.5pF GQM1885C2A5R6CB01# #0.5pF GQM1885C2A5R6CB01# #0.5pF GQM1885C2A6R0CB01# #0.5pF GQM1885C2A6R8CB01# #0.5pF GQM1884C2AR50BB01# #0.5pF GQM1884C2AR50BB01# #0.5pF GQM1884C2AR50BB01# | | | | | ±0.25pF | GQM1885C2A3R0CB01# |
| 3.6pF ±0.1pF GQM1885C2A3R6BB01# ±0.25pF GQM1885C2A3R6CB01# ±0.25pF GQM1885C2A3R9BB01# ±0.25pF GQM1885C2A3R9BB01# ±0.25pF GQM1885C2A4R0BB01# ±0.25pF GQM1885C2A4R0BB01# ±0.25pF GQM1885C2A4R3BB01# ±0.25pF GQM1885C2A4R3BB01# ±0.25pF GQM1885C2A4R3CB01# ±0.25pF GQM1885C2A4R7CB01# ±0.25pF GQM1885C2A4R7CB01# ±0.25pF GQM1885C2A5R0CB01# ±0.25pF GQM1885C2A5R0CB01# ±0.5pF GQM1885C2A5R1CB01# ±0.5pF GQM1885C2A5R6CB01# ±0.5pF GQM1885C2A5R6CB01# ±0.5pF GQM1885C2A5R6CB01# ±0.5pF GQM1885C2A5R6CB01# ±0.5pF GQM1885C2A5R6CB01# ±0.5pF GQM1885C2A6R0CB01# ±0.5pF GQM1885C2A6R8CB01# ±0.5pF GQM1885C2A6R8CB01# ±0.5pF GQM1885C2A6R8CB01# ±0.5pF GQM1885C2A6R8CB01# ±0.5pF GQM1885C2A6R8CB01# ±0.5pF GQM1884C2AR50BB01# | | | | | ±0.1pF | GQM1885C2A3R3BB01# |
| ### ### ############################## | | | | | ±0.25pF | GQM1885C2A3R3CB01# |
| 3.9pF ±0.1pF GQM1885C2A3R9BB01# ±0.25pF GQM1885C2A4R0BB01# ±0.25pF GQM1885C2A4R0BB01# ±0.25pF GQM1885C2A4R3BB01# ±0.25pF GQM1885C2A4R3CB01# 4.3pF ±0.1pF GQM1885C2A4R3CB01# ±0.25pF GQM1885C2A4R3CB01# 4.7pF ±0.1pF GQM1885C2A4R7CB01# ±0.25pF GQM1885C2A4R7CB01# 5.0pF ±0.1pF GQM1885C2A5R0BB01# ±0.25pF GQM1885C2A5R0CB01# ±0.25pF GQM1885C2A5R1CB01# ±0.5pF GQM1885C2A5R1CB01# ±0.5pF GQM1885C2A5R1CB01# ±0.5pF GQM1885C2A5R6CB01# ±0.5pF GQM1885C2A5R6CB01# ±0.5pF GQM1885C2A5R6CB01# ±0.5pF GQM1885C2A6R0CB01# ±0.5pF GQM1885C2A6R0CB01# ±0.5pF GQM1885C2A6R0CB01# ±0.5pF GQM1885C2A6R2CB01# ±0.5pF GQM1885C2A6R2CB01# ±0.5pF GQM1885C2A6R8CB01# ±0.5pF GQM1885C2A6R8CB01# ±0.5pF GQM1885C2A6R8CB01# ±0.5pF GQM1885C2A6R8CB01# ±0.5pF GQM1885C2A6R8CB01# ±0.5pF GQM1884C2AR50CB01# | | | | 3.9pF 4.0pF | ±0.1pF | GQM1885C2A3R6BB01# |
| ### ### ############################## | | | | | ±0.25pF | GQM1885C2A3R6CB01# |
| 4.0pF ±0.1pF GQM1885C2A4R0BB01# ±0.25pF GQM1885C2A4R3BB01# ±0.25pF GQM1885C2A4R3BB01# ±0.25pF GQM1885C2A4R3CB01# ±0.25pF GQM1885C2A4R7CB01# ±0.25pF GQM1885C2A4R7CB01# ±0.25pF GQM1885C2A5R0CB01# ±0.25pF GQM1885C2A5R0CB01# ±0.25pF GQM1885C2A5R0CB01# ±0.5pF GQM1885C2A5R1CB01# ±0.5pF GQM1885C2A5R0CB01# ±0.5pF GQM1885C2A5R0CB01# ±0.5pF GQM1885C2A5R0CB01# ±0.5pF GQM1885C2A5R0CB01# ±0.5pF GQM1885C2A6R0CB01# ±0.5pF GQM1885C2A6R0CB01# ±0.5pF GQM1885C2A6R0CB01# ±0.5pF GQM1885C2A6R0CB01# ±0.5pF GQM1885C2A6R0CB01# ±0.5pF GQM1885C2A6R0CB01# ±0.5pF GQM1885C2A6R2CB01# ±0.5pF GQM1885C2A6R2CB01# ±0.5pF GQM1885C2A6R2CB01# ±0.5pF GQM1885C2A6R3CB01# ±0.5pF GQM1885C2A6R3CB01# ±0.5pF GQM1885C2A6R3CB01# ±0.5pF GQM1885C2A6R3CB01# ±0.5pF GQM1884C2AR50CB01# ±0.25pF GQM1884C2AR50CB01# ±0.25pF GQM1884C2AR50CB01# ±0.25pF GQM1884C2AR50CB01# | | | | | - | |
| # ±0.25pF GQM1885C2A4R3CB01# # ±0.25pF GQM1885C2A4R3CB01# # ±0.25pF GQM1885C2A4R7CB01# # ±0.25pF GQM1885C2A4R7CB01# # ±0.25pF GQM1885C2A5R0BB01# # ±0.25pF GQM1885C2A5R0CB01# # ±0.25pF GQM1885C2A5R0CB01# # ±0.5pF GQM1885C2A5R1CB01# # ±0.5pF GQM1885C2A5R1CB01# # ±0.5pF GQM1885C2A5R6CB01# # ±0.5pF GQM1885C2A5R6CB01# # ±0.5pF GQM1885C2A5R6CB01# # ±0.5pF GQM1885C2A5R6CB01# # ±0.5pF GQM1885C2A6R0CB01# # ±0.5pF GQM1885C2A6R0CB01# # ±0.5pF GQM1885C2A6R0CB01# # ±0.5pF GQM1885C2A6R2CB01# # ±0.5pF GQM1885C2A6R8CB01# # ±0.5pF GQM1885C2A6R8CB01# # ±0.5pF GQM1885C2A6R8CB01# # ±0.5pF GQM1884C2AR50CB01# # ±0.25pF GQM184AC2AR50CB01# # ±0.25pF GQM184C2AR50CB01# # ±0.25pF G | | | | | | |
| 4.3pF ±0.1pF GQM1885C2A4R3BB01# ±0.25pF GQM1885C2A4R3CB01# 4.7pF ±0.1pF GQM1885C2A4R7BB01# ±0.25pF GQM1885C2A4R7CB01# 5.0pF ±0.1pF GQM1885C2A5R0BB01# ±0.25pF GQM1885C2A5R0CB01# ±0.25pF GQM1885C2A5R1CB01# ±0.5pF GQM1885C2A5R1CB01# ±0.5pF GQM1885C2A5R6CB01# ±0.5pF GQM1885C2A5R6CB01# ±0.5pF GQM1885C2A5R6CB01# ±0.5pF GQM1885C2A5R6CB01# ±0.5pF GQM1885C2A6R0CB01# ±0.5pF GQM1885C2A6R0CB01# ±0.5pF GQM1885C2A6R0CB01# ±0.5pF GQM1885C2A6R2CB01# ±0.5pF GQM1885C2A6R2CB01# ±0.5pF GQM1885C2A6R2CB01# ±0.5pF GQM1885C2A6R2CB01# ±0.5pF GQM1885C2A6R2CB01# ±0.5pF GQM1885C2A6R3CB01# ±0.5pF GQM1885C2A6R3CB01# ±0.5pF GQM1885C2A6R3CB01# ±0.5pF GQM1884C2AR50CB01# ±0.25pF GQM1884C2AR50CB01# ±0.25pF GQM1884C2AR50CB01# ±0.25pF GQM1884C2AR50CB01# ±0.25pF GQM1884C2AR75BB01# | | | | | - | |
| # ±0.25pF GQM1885C2A4R3CB01# # ±0.25pF GQM1885C2A4R7CB01# # ±0.25pF GQM1885C2A4R7CB01# # ±0.25pF GQM1885C2A5R0CB01# # ±0.25pF GQM1885C2A5R0CB01# # ±0.5pF GQM1885C2A5R1CB01# # ±0.5pF GQM1885C2A5R1CB01# # ±0.5pF GQM1885C2A5R6CB01# # ±0.5pF GQM1885C2A5R6CB01# # ±0.5pF GQM1885C2A5R6CB01# # ±0.5pF GQM1885C2A6R0CB01# # ±0.5pF GQM1885C2A6R0CB01# # ±0.5pF GQM1885C2A6R0CB01# # ±0.5pF GQM1885C2A6R2CB01# # ±0.5pF GQM1885C2A6R8CB01# # ±0.5pF GQM1885C2A6R8CB01# # ±0.5pF GQM1885C2A6R8CB01# # ±0.5pF GQM1884C2AR50CB01# # ±0.5pF GQM1884C2AR50CB01# # ±0.25pF GQM1884C2AR50CB01# # ±0.25pF GQM1884C2AR50CB01# # ±0.25pF GQM1884C2AR50CB01# # ±0.25pF GQM1884C2AR75BB01# # ±0.25pF GQM1884C2AR75BB01# | | | | | - | |
| 4.7pF ±0.1pF GQM1885C2A4R7BB01# ±0.25pF GQM1885C2A4R7CB01# 5.0pF ±0.1pF GQM1885C2A5R0BB01# ±0.25pF GQM1885C2A5R0CB01# ±0.5pF GQM1885C2A5R1CB01# ±0.5pF GQM1885C2A5R1DB01# ±0.5pF GQM1885C2A5R6CB01# ±0.5pF GQM1885C2A5R6CB01# ±0.5pF GQM1885C2A6R0CB01# ±0.5pF GQM1885C2A6R0CB01# ±0.5pF GQM1885C2A6R0CB01# ±0.5pF GQM1885C2A6R0CB01# ±0.5pF GQM1885C2A6R2CB01# ±0.5pF GQM1885C2A6R2CB01# ±0.5pF GQM1885C2A6R2CB01# ±0.5pF GQM1885C2A6R2CB01# ±0.5pF GQM1885C2A6R2CB01# ±0.5pF GQM1885C2A6R2CB01# ±0.5pF GQM1885C2A6R3CB01# ±0.5pF GQM1885C2A6R3CB01# ±0.5pF GQM1885C2A6R3CB01# ±0.5pF GQM1884C2AR50BB01# ±0.25pF GQM1884C2AR50BB01# ±0.25pF GQM1884C2AR50CB01# ±0.25pF GQM1884C2AR50CB01# ±0.25pF GQM1884C2AR50CB01# | | | | 4.3pF | · · | |
| # ±0.25pF GQM1885C2A4R7CB01# 5.0pF | | | | 4 7 5 | - | |
| 5.0pF ±0.1pF GQM1885C2A5R0BB01# ±0.25pF GQM1885C2A5R1CB01# ±0.5pF GQM1885C2A5R1CB01# ±0.5pF GQM1885C2A5R1DB01# ±0.5pF GQM1885C2A5R6CB01# ±0.5pF GQM1885C2A5R6DB01# ±0.5pF GQM1885C2A5R6DB01# ±0.5pF GQM1885C2A6R0CB01# ±0.5pF GQM1885C2A6R0CB01# ±0.5pF GQM1885C2A6R2CB01# ±0.5pF GQM1885C2A6R2CB01# ±0.5pF GQM1885C2A6R2CB01# ±0.5pF GQM1885C2A6R2CB01# ±0.5pF GQM1885C2A6R8CB01# ±0.5pF GQM1885C2A6R8CB01# ±0.5pF GQM1885C2A6R8CB01# ±0.5pF GQM1885C2A6R8CB01# ±0.5pF GQM1885C2A6R8CB01# ±0.5pF GQM1884C2AR50BB01# ±0.25pF GQM1884C2AR50CB01# ±0.25pF GQM1884C2AR50CB01# ±0.25pF GQM1884C2AR50CB01# ±0.25pF GQM1884C2AR55BB01# | | | | 4./pr | | |
| ±0.25pF GQM1885C2A5R0CB01# 5.1pF ±0.25pF GQM1885C2A5R1CB01# ±0.5pF GQM1885C2A5R1DB01# 5.6pF ±0.25pF GQM1885C2A5R6CB01# ±0.5pF GQM1885C2A5R6DB01# ±0.5pF GQM1885C2A6R0CB01# ±0.5pF GQM1885C2A6R0CB01# ±0.5pF GQM1885C2A6R0CB01# ±0.5pF GQM1885C2A6R2CB01# ±0.5pF GQM1885C2A6R2CB01# ±0.5pF GQM1885C2A6R2DB01# ±0.5pF GQM1885C2A6R8CB01# ±0.5pF GQM1885C2A6R8CB01# ±0.5pF GQM1884C2AR50BB01# ±0.5pF GQM1884C2AR50CB01# ±0.25pF GQM1884C2AR50CB01# ±0.25pF GQM1884C2AR75BB01# | | | | - O F | | |
| 5.1pF ±0.25pF GQM1885C2A5R1CB01# ±0.5pF GQM1885C2A5R1DB01# 5.6pF ±0.25pF GQM1885C2A5R6CB01# ±0.5pF GQM1885C2A5R6DB01# ±0.5pF GQM1885C2A6R0CB01# ±0.5pF GQM1885C2A6R0CB01# ±0.5pF GQM1885C2A6R0DB01# ±0.5pF GQM1885C2A6R2CB01# ±0.5pF GQM1885C2A6R2CB01# ±0.5pF GQM1885C2A6R2CB01# ±0.5pF GQM1885C2A6R8CB01# ±0.5pF GQM1885C2A6R8CB01# ±0.5pF GQM1884C2AR50BB01# ±0.5pF GQM1884C2AR50CB01# ±0.25pF GQM1884C2AR50CB01# | | | | 5.UPF | | |
| #0.5pF GQM1885C2A5R1DB01# 5.6pF #0.25pF GQM1885C2A5R6CB01# #0.5pF GQM1885C2A5R6DB01# 6.0pF #0.25pF GQM1885C2A6R0CB01# #0.5pF GQM1885C2A6R0CB01# #0.5pF GQM1885C2A6R0DB01# 6.2pF #0.25pF GQM1885C2A6R2CB01# #0.5pF GQM1885C2A6R2CB01# #0.5pF GQM1885C2A6R8CB01# #0.5pF GQM1885C2A6R8CB01# #0.5pF GQM1885C2A6R8DB01# #0.5pF GQM1884C2AR50BB01# #0.25pF GQM1884C2AR50BB01# #0.25pF GQM1884C2AR50BB01# #0.75pF #0.1pF GQM1884C2AR75BB01# | | | | 5 1 n = | | |
| 5.6pF ±0.25pF GQM1885C2A5R6CB01# | | | | 5.1μΓ | - | |
| #0.5pF GQM1885C2A5R6DB01# 6.0pF #0.25pF GQM1885C2A6R0CB01# #0.5pF GQM1885C2A6R0DB01# 6.2pF #0.25pF GQM1885C2A6R2CB01# #0.5pF GQM1885C2A6R2CB01# #0.5pF GQM1885C2A6R2DB01# #0.5pF GQM1885C2A6R8CB01# #0.5pF GQM1885C2A6R8DB01# #0.5pF GQM1884C2AR50BB01# #0.25pF GQM1884C2AR50CB01# #0.75pF #0.1pF GQM1884C2AR75BB01# | | | | 5 6nF | - | |
| 6.0pF ±0.25pF GQM1885C2A6R0CB01# ±0.5pF GQM1885C2A6R0DB01# 6.2pF ±0.25pF GQM1885C2A6R2CB01# ±0.5pF GQM1885C2A6R2CB01# ±0.5pF GQM1885C2A6R8CB01# ±0.5pF GQM1885C2A6R8CB01# ±0.5pF GQM1885C2A6R8DB01# ±0.5pF GQM1884C2AR50BB01# ±0.25pF GQM1884C2AR50CB01# 0.75pF ±0.1pF GQM1884C2AR75BB01# | | | | 0.0pi | - | |
| #0.5pF GQM1885C2A6R0DB01# 6.2pF #0.25pF GQM1885C2A6R2CB01# #0.5pF GQM1885C2A6R2DB01# 6.8pF #0.25pF GQM1885C2A6R8CB01# #0.5pF GQM1885C2A6R8CB01# #0.5pF GQM1885C2A6R8DB01# #0.5pF GQM1884C2AR50BB01# #0.25pF GQM1884C2AR50CB01# #0.75pF #0.1pF GQM1884C2AR75BB01# | | | | 6,0pF | | |
| 6.2pF ±0.25pF GQM1885C2A6R2CB01# ±0.5pF GQM1885C2A6R2DB01# ±0.25pF GQM1885C2A6R8CB01# ±0.5pF GQM1885C2A6R8DB01# ±0.5pF GQM1885C2A6R8DB01# ±0.25pF GQM1884C2AR50BB01# ±0.25pF GQM1884C2AR50CB01# 0.75pF ±0.1pF GQM1884C2AR75BB01# | | | | p, | - | |
| #0.5pF GQM1885C2A6R2DB01# 6.8pF #0.25pF GQM1885C2A6R8CB01# #0.5pF GQM1885C2A6R8DB01# CK 0.5pF #0.1pF GQM1884C2AR50BB01# #0.25pF GQM1884C2AR50CB01# 0.75pF #0.1pF GQM1884C2AR75BB01# | | | | 6.2pF | | |
| 6.8pF ±0.25pF GQM1885C2A6R8CB01# ±0.5pF GQM1885C2A6R8DB01# CK 0.5pF ±0.1pF GQM1884C2AR50BB01# ±0.25pF GQM1884C2AR50CB01# 0.75pF ±0.1pF GQM1884C2AR75BB01# | | | | | - | |
| ±0.5pF GQM1885C2A6R8DB01# CK 0.5pF ±0.1pF GQM1884C2AR50BB01# ±0.25pF GQM1884C2AR50CB01# 0.75pF ±0.1pF GQM1884C2AR75BB01# | | | | 6.8pF | - | |
| CK 0.5pF ±0.1pF GQM1884C2AR50BB01# ±0.25pF GQM1884C2AR50CB01# 0.75pF ±0.1pF GQM1884C2AR75BB01# | | | | , | - | |
| 0.75pF ±0.1pF GQM1884C2AR75BB01# | | | СК | 0.5pF | - | GQM1884C2AR50BB01# |
| | | | On On | | ±0.25pF | GQM1884C2AR50CB01# |
| ±0.25pF GQM1884C2AR75CB01# | | | | 0.75pF | ±0.1pF | GQM1884C2AR75BB01# |
| | | | | | ±0.25pF | GQM1884C2AR75CB01# |

| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number | |
|-----------|------------------|------------|----------|-------------------|--|--------------------|
| 0.9mm | 100Vdc | СК | 1.0pF | ±0.1pF | GQM1884C2A1R0BB01# | |
| | | | | ±0.25pF | GQM1884C2A1R0CB01# | |
| | | | 1.1pF | ±0.1pF | GQM1884C2A1R1BB01# | |
| | | | | ±0.25pF | GQM1884C2A1R1CB01# | |
| | | | 1.2pF | ±0.1pF | GQM1884C2A1R2BB01# | |
| | | | | ±0.25pF | GQM1884C2A1R2CB01# | |
| | | | 1.3pF | ±0.1pF | GQM1884C2A1R3BB01# | |
| | | | | ±0.25pF | GQM1884C2A1R3CB01# | |
| | | | 1.5pF | ±0.1pF | GQM1884C2A1R5BB01# | |
| | | | | ±0.25pF | GQM1884C2A1R5CB01# | |
| | | | 1.6pF | ±0.1pF | GQM1884C2A1R6BB01# | |
| | | | | ±0.25pF | GQM1884C2A1R6CB01# | |
| | | | 1.8pF | ±0.1pF | GQM1884C2A1R8BB01# | |
| | | | | ±0.25pF | GQM1884C2A1R8CB01# | |
| | | | 2.0pF | ±0.1pF | GQM1884C2A2R0BB01# | |
| | | | | ±0.25pF | GQM1884C2A2R0CB01# | |
| | | CJ | 2.2pF | ±0.1pF | GQM1883C2A2R2BB01# | |
| | | | | ±0.25pF | GQM1883C2A2R2CB01# | |
| | | | 2.4pF | ±0.1pF | GQM1883C2A2R4BB01# | |
| | | | | ±0.25pF | GQM1883C2A2R4CB01# | |
| | | | 2.7pF | ±0.1pF | GQM1883C2A2R7BB01# | |
| | | | | ±0.25pF | GQM1883C2A2R7CB01# | |
| | | | 3.0pF | ±0.1pF | GQM1883C2A3R0BB01# | |
| | | | | ±0.25pF | GQM1883C2A3R0CB01# | |
| | | | 3.3pF | ±0.1pF | GQM1883C2A3R3BB01# | |
| | | | 0.0.5 | ±0.25pF | | |
| | | | 3.6pF | ±0.1pF | GQM1883C2A3R6BB01# | |
| | | | | ±0.25pF | GQM1883C2A3R6CB01# | |
| | | | 3.9pF | ±0.1pF | GQM1883C2A3R9BB01# | |
| | | 011 | 40.5 | ±0.25pF | GQM1883C2A3R9CB01# | |
| | | CH | 4.0pF | ±0.1pF | GQM1882C2A4R0BB01# | |
| | | | 4.05 | ±0.25pF | GQM1882C2A4R0CB01# | |
| | | | 4.3pF | ±0.1pF | GQM1882C2A4R3BB01# | |
| | | | 4.7pF | ±0.25pF | GQM1882C2A4R3CB01# GQM1882C2A4R7BB01# | |
| | | | 4.7pr | ±0.1pF ±0.25pF | GQM1882C2A4R7CB01# | |
| | | | 5.0pF | ±0.1pF | GQM1882C2A5R0BB01# | |
| | | | 5.0рі | ±0.25pF | GQM1882C2A5R0CB01# | |
| | | | 5.1pF | ±0.25pF | GQM1882C2A5R1CB01# | |
| | | | 5.1pi | ±0.5pF | GQM1882C2A5R1DB01# | |
| | | | 5.6pF | ±0.25pF | GQM1882C2A5R6CB01# | |
| | | | 0.орт | ±0.5pF | GQM1882C2A5R6DB01# | |
| | | | 6.0pF | ±0.25pF | GQM1882C2A6R0CB01# | |
| | | | о.ор. | ±0.5pF | GQM1882C2A6R0DB01# | |
| | | | | 6.2pF | ±0.25pF | GQM1882C2A6R2CB01# |
| | | | | ±0.5pF | GQM1882C2A6R2DB01# | |
| | | | 6.8pF | ±0.25pF | GQM1882C2A6R8CB01# | |
| | | | | ±0.5pF | GQM1882C2A6R8DB01# | |
| | 50Vdc | COG | 7.0pF | ±0.25pF | GQM1885C1H7R0CB01# | |
| | | | • | ±0.5pF | GQM1885C1H7R0DB01# | |
| | | | 7.5pF | ±0.25pF | GQM1885C1H7R5CB01# | |
| | | | • | ±0.5pF | GQM1885C1H7R5DB01# | |
| | | | 8.0pF | ±0.25pF | GQM1885C1H8R0CB01# | |
| | | | | ±0.5pF | GQM1885C1H8R0DB01# | |
| | | | Part nur | nber # indic | cates the package specification code. | |

Capacitor Array GNM Series

GQM Series Temperature Compensating Type Hio Part Number List

Т

max.

0.9mm

■ 1.6×0.8mm)

| (→ ■ 1 | .6×0.8r | nm) | | | |
|-----------|------------------|------------|-----------|--------------------|--|
| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number |
| 0.9mm | 50Vdc | COG | 8.2pF | ±0.25pF | GQM1885C1H8R2CB01# |
| | | | | ±0.5pF | GQM1885C1H8R2DB01# |
| | | | 9.0pF | ±0.25pF | GQM1885C1H9R0CB01# |
| | | | | ±0.5pF | GQM1885C1H9R0DB01# |
| | | | 9.1pF | ±0.25pF | GQM1885C1H9R1CB01# |
| | | | | ±0.5pF | GQM1885C1H9R1DB01# |
| | | | 10pF | ±2% | GQM1885C1H100GB01# |
| | | | | ±5% | GQM1885C1H100JB01# |
| | | | 11pF | ±2% | GQM1885C1H110GB01# |
| | | | | ±5% | GQM1885C1H110JB01# |
| | | | 12pF | ±2% | GQM1885C1H120GB01# |
| | | | | ±5% | GQM1885C1H120JB01# |
| | | | 13pF | ±2% | GQM1885C1H130GB01# |
| | | | | ±5% | GQM1885C1H130JB01# |
| | | | 15pF | ±2% | GQM1885C1H150GB01# |
| | | | | ±5% | GQM1885C1H150JB01# |
| | | | 16pF | ±2% | GQM1885C1H160GB01# |
| | | | | ±5% | GQM1885C1H160JB01# |
| | | | 18pF | ±2% | GQM1885C1H180GB01# |
| | | | | ±5% | GQM1885C1H180JB01# |
| | | | 20pF | ±2% | GQM1885C1H200GB01# |
| | | | | ±5% | GQM1885C1H200JB01# |
| | | | 22pF | ±2% | GQM1885C1H220GB01# |
| | | | | ±5% | GQM1885C1H220JB01# |
| | | | 24pF | ±2% | GQM1885C1H240GB01# |
| | | | | ±5% | GQM1885C1H240JB01# |
| | | | 27pF | ±2% | GQM1885C1H270GB01# |
| | | | | ±5% | GQM1885C1H270JB01# |
| | | | 30pF | ±2% | GQM1885C1H300GB01# |
| | | | | ±5% | GQM1885C1H300JB01# |
| | | | 33pF | ±2% | GQM1885C1H330GB01# |
| | | | | ±5% | GQM1885C1H330JB01# |
| | | | 36pF | ±2% | GQM1885C1H360GB01# |
| | | | | ±5% | GQM1885C1H360JB01# |
| | | | 39pF | ±2% | GQM1885C1H390GB01# |
| | | | | ±5% | GQM1885C1H390JB01# |
| | | | 43pF | ±2% | GQM1885C1H430GB01# |
| | | | - | ±5% | GQM1885C1H430JB01# |
| | | | 47pF | ±2% | GQM1885C1H470GB01# |
| | | | F4 - | ±5% | GQM1885C1H470JB01# |
| | | | 51pF | ±2% | GQM1885C1H510GB01# |
| | | | F0 - F | ±5% | GQM1885C1H510JB01# |
| | | | 56pF | ±2% | GQM1885C1H560GB01# |
| | | | 60×F | ±5% | GQM1885C1H560JB01# |
| | | | 62pF | ±2% ±5% | GQM1885C1H620GB01# GQM1885C1H620JB01# |
| | | | 68pF | ±2% | GQM1885C1H680GB01# |
| | | | σορι | ±5% | GQM1885C1H680JB01# |
| | | | 75pF | ±2% | GQM1885C1H750GB01# |
| | | | , opi | ±5% | GQM1885C1H750JB01# |
| | | | 82pF | ±2% | GQM1885C1H820GB01# |
| | | | υζμι | ±5% | GQM1885C1H820JB01# |
| | | 91pF | ±2% | GQM1885C1H910GB01# | |
| | | | ~ 'P' | ±5% | GQM1885C1H910JB01# |
| | | | | | |

| | | | | I | |
|------------------|------------|----------|---------|--------------------------------|-------|
| Rated Voltage | TC Code | Cap. | Tol. | Part Number | |
| 50Vdc | COG | 100pF | ±2% | GQM1885C1H101GB01# | |
| | | | ±5% | GQM1885C1H101JB01# | |
| | СН | 7.0pF | ±0.25pF | GQM1882C1H7R0CB01# | |
| | | | ±0.5pF | GQM1882C1H7R0DB01# | |
| | | 7.5pF | ±0.25pF | GQM1882C1H7R5CB01# | |
| | | | ±0.5pF | GQM1882C1H7R5DB01# | |
| | | 8.0pF | ±0.25pF | GQM1882C1H8R0CB01# | |
| | | | ±0.5pF | GQM1882C1H8R0DB01# | |
| | | 8.2pF | ±0.25pF | GQM1882C1H8R2CB01# | |
| | | | ±0.5pF | GQM1882C1H8R2DB01# | |
| | | 9.0pF | ±0.25pF | GQM1882C1H9R0CB01# | |
| | | | ±0.5pF | GQM1882C1H9R0DB01# | |
| | | 9.1pF | ±0.25pF | GQM1882C1H9R1CB01# | |
| | | | ±0.5pF | GQM1882C1H9R1DB01# | |
| | | 10pF | ±2% | GQM1882C1H100GB01# | |
| | | ТОРТ | ±5% | GQM1882C1H100JB01# | |
| | | 11pF | ±2% | GQM1882C1H110GB01# | |
| | | ilpr | ±5% | GQM1882C1H110JB01# | |
| | | 1005 | | | |
| | | 12pF | ±2% | GQM1882C1H120GB01# | |
| | | 10-5 | ±5% | GQM1882C1H120JB01# | |
| | | 13pF | ±2% | GQM1882C1H130GB01# | |
| | | | ±5% | GQM1882C1H130JB01# | |
| | | 15pF | ±2% | GQM1882C1H150GB01# | |
| | | | ±5% | GQM1882C1H150JB01# | |
| | | 16pF | ±2% | GQM1882C1H160GB01# | |
| | | | ±5% | GQM1882C1H160JB01# | |
| | | 18pF | ±2% | GQM1882C1H180GB01# | |
| | | | ±5% | GQM1882C1H180JB01# | |
| | | 20pF | ±2% | GQM1882C1H200GB01# | |
| | | | ±5% | GQM1882C1H200JB01# | |
| | | 22pF | ±2% | GQM1882C1H220GB01# | |
| | | | ±5% | GQM1882C1H220JB01# | |
| | | 24pF | ±2% | GQM1882C1H240GB01# | |
| | | | ±5% | GQM1882C1H240JB01# | |
| | | 27pF | ±2% | GQM1882C1H270GB01# | |
| | | | ±5% | GQM1882C1H270JB01# | |
| | | 30pF | ±2% | GQM1882C1H300GB01# | |
| | | | ±5% | GQM1882C1H300JB01# | |
| | | 33pF | ±2% | GQM1882C1H330GB01# | |
| | | | ±5% | GQM1882C1H330JB01# | |
| | | 36pF | ±2% | GQM1882C1H360GB01# | |
| | | | ±5% | GQM1882C1H360JB01# | |
| | | 39pF | ±2% | GQM1882C1H390GB01# | |
| | | | ±5% | GQM1882C1H390JB01# | |
| | | 43pF | ±2% | GQM1882C1H430GB01# | |
| | | | ±5% | GQM1882C1H430JB01# | |
| | | 47pF | ±2% | GQM1882C1H470GB01# | |
| | | - | ±5% | GQM1882C1H470JB01# | |
| | | 51pF | ±2% | GQM1882C1H510GB01# | |
| | | - | ±5% | GQM1882C1H510JB01# | |
| | | 56pF | ±2% | GQM1882C1H560GB01# | |
| | | | ±5% | GQM1882C1H560JB01# | |
| | | 62pF | ±2% | GQM1882C1H620GB01# | |
| | | • | ±5% | GQM1882C1H620JB01# | |
| | | Part nun | | ates the package specification | code. |

(→ **■** 1.6×0.8mm)

| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number |
|-----------|------------------|------------|-------|------|--------------------|
| 0.9mm | 50Vdc | СН | 68pF | ±2% | GQM1882C1H680GB01# |
| | | | | ±5% | GQM1882C1H680JB01# |
| | | | 75pF | ±2% | GQM1882C1H750GB01# |
| | | | | ±5% | GQM1882C1H750JB01# |
| | | | 82pF | ±2% | GQM1882C1H820GB01# |
| | | | | ±5% | GQM1882C1H820JB01# |
| | | | 91pF | ±2% | GQM1882C1H910GB01# |
| | | | | ±5% | GQM1882C1H910JB01# |
| | | | 100pF | ±2% | GQM1882C1H101GB01# |
| | | | | ±5% | GQM1882C1H101JB01# |

| | _ | | | | |
|-----------|------------------|------------|---------|--------------------|--------------------|
| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number |
| .95mm | 100Vdc | COG | 0.5pF | ±0.1pF | GQM2195C2AR50BB01# |
| | | | | ±0.25pF | GQM2195C2AR50CB01# |
| | | | 0.75pF | ±0.1pF | GQM2195C2AR75BB01# |
| | | | | ±0.25pF | GQM2195C2AR75CB01# |
| | | | 1.0pF | ±0.1pF | GQM2195C2A1R0BB01# |
| | | | | ±0.25pF | GQM2195C2A1R0CB01# |
| | | | 1.1pF | ±0.1pF | GQM2195C2A1R1BB01# |
| | | | | ±0.25pF | GQM2195C2A1R1CB01# |
| | | | 1.2pF | ±0.1pF | GQM2195C2A1R2BB01# |
| | | | | ±0.25pF | GQM2195C2A1R2CB01# |
| | | | 1.3pF | ±0.1pF | GQM2195C2A1R3BB01# |
| | | | | ±0.25pF | GQM2195C2A1R3CB01# |
| | | | 1.5pF | ±0.1pF | GQM2195C2A1R5BB01# |
| | | | | ±0.25pF | GQM2195C2A1R5CB01# |
| | | | 1.6pF | ±0.1pF | GQM2195C2A1R6BB01# |
| | | | ±0.25pF | GQM2195C2A1R6CB01# | |
| | | | 1.8pF | ±0.1pF | GQM2195C2A1R8BB01# |
| | | | ±0.25pF | GQM2195C2A1R8CB01# | |
| | | | 2.0pF | ±0.1pF | GQM2195C2A2R0BB01# |
| | | | | ±0.25pF | GQM2195C2A2R0CB01# |
| | | | 2.2pF | ±0.1pF | GQM2195C2A2R2BB01# |
| | | | | ±0.25pF | GQM2195C2A2R2CB01# |
| | | | 2.4pF | ±0.1pF | GQM2195C2A2R4BB01# |
| | | | | ±0.25pF | GQM2195C2A2R4CB01# |
| | | | 2.7pF | ±0.1pF | GQM2195C2A2R7BB01# |
| | | | | ±0.25pF | GQM2195C2A2R7CB01# |
| | | | 3.0pF | ±0.1pF | GQM2195C2A3R0BB01# |
| | | | | ±0.25pF | GQM2195C2A3R0CB01# |
| | | | 3.3pF | ±0.1pF | GQM2195C2A3R3BB01# |
| | | | | ±0.25pF | GQM2195C2A3R3CB01# |
| | | | 3.6pF | ±0.1pF | GQM2195C2A3R6BB01# |
| | | | | ±0.25pF | |
| | | | 3.9pF | ±0.1pF | GQM2195C2A3R9BB01# |
| | | | • | ±0.25pF | GQM2195C2A3R9CB01# |
| | | | 4.0pF | ±0.1pF | GQM2195C2A4R0BB01# |
| | | | I- | ±0.25pF | GQM2195C2A4R0CB01# |
| | | | 4.3pF | ±0.1pF | GQM2195C2A4R3BB01# |
| | | | -14-1 | ±0.25pF | GQM2195C2A4R3CB01# |
| | | | 4.7pF | ±0.1pF | GQM2195C2A4R7BB01# |

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number |
|-----------|------------------|------------|--------|---------------|--|
| 0.95mm | 100Vdc | C0G | 4.7pF | ±0.25pF | GQM2195C2A4R7CB01# |
| | | | 5.0pF | ±0.1pF | GQM2195C2A5R0BB01# |
| | | | | ±0.25pF | GQM2195C2A5R0CB01# |
| | | | 5.1pF | ±0.25pF | GQM2195C2A5R1CB01# |
| | | | | ±0.5pF | GQM2195C2A5R1DB01# |
| | | | 5.6pF | ±0.25pF | GQM2195C2A5R6CB01# |
| | | | | ±0.5pF | GQM2195C2A5R6DB01# |
| | | | 6.0pF | ±0.25pF | GQM2195C2A6R0CB01# |
| | | | | ±0.5pF | GQM2195C2A6R0DB01# |
| | | | 6.2pF | ±0.25pF | |
| | | | | ±0.5pF | GQM2195C2A6R2DB01# |
| | | | 6.8pF | ±0.25pF | GQM2195C2A6R8CB01# |
| | | | 7.0 - | ±0.5pF | GQM2195C2A6R8DB01# |
| | | | 7.0pF | ±0.25pF | GQM2195C2A7R0CB01# |
| | | | | ±0.5pF | GQM2195C2A7R0DB01# |
| | | | 7.5pF | ±0.25pF | |
| | | | 0.0 | ±0.5pF | GQM2195C2A7R5DB01# |
| | | | 8.0pF | | GQM2195C2A8R0CB01# |
| | | | 0.0-5 | ±0.5pF | GQM2195C2A8R0DB01# |
| | | | 8.2pF | ±0.25pF | GQM2195C2A8R2CB01# |
| | | | 0.05 | ±0.5pF | GQM2195C2A8R2DB01# |
| | | | 9.0pF | ±0.25pF | GQM2195C2A9R0CB01# |
| | | | 0.1nE | ±0.5pF | GQM2195C2A9R0DB01# |
| | | | 9.1pF | ±0.25pF | GQM2195C2A9R1CB01# |
| | | | 10pF | ±0.5pF ±2% | GQM2195C2A9R1DB01# GQM2195C2A100GB01# |
| | | | ТОРІ | ±5% | GQM2195C2A100JB01# |
| | | | 11pF | ±2% | GQM2195C2A110GB01# |
| | | | TIPI | ±5% | GQM2195C2A110JB01# |
| | | | 12pF | ±2% | GQM2195C2A120GB01# |
| | | | , Lp. | ±5% | GQM2195C2A120JB01# |
| | | | 13pF | ±2% | GQM2195C2A130GB01# |
| | | | -1- | ±5% | GQM2195C2A130JB01# |
| | | | 15pF | ±2% | GQM2195C2A150GB01# |
| | | | - 1- | ±5% | GQM2195C2A150JB01# |
| | | | 16pF | ±2% | GQM2195C2A160GB01# |
| | | | · | ±5% | GQM2195C2A160JB01# |
| | | | 18pF | ±2% | GQM2195C2A180GB01# |
| | | | · | ±5% | GQM2195C2A180JB01# |
| | | СК | 0.5pF | ±0.1pF | GQM2194C2AR50BB01# |
| | | | • | ±0.25pF | GQM2194C2AR50CB01# |
| | | | 0.75pF | ±0.1pF | GQM2194C2AR75BB01# |
| | | | | ±0.25pF | GQM2194C2AR75CB01# |
| | | | 1.0pF | ±0.1pF | GQM2194C2A1R0BB01# |
| | | | - | ±0.25pF | GQM2194C2A1R0CB01# |
| | | | 1.1pF | ±0.1pF | GQM2194C2A1R1BB01# |
| | | | | ±0.25pF | GQM2194C2A1R1CB01# |
| | | | 1.2pF | ±0.1pF | GQM2194C2A1R2BB01# |
| | | | | ±0.25pF | GQM2194C2A1R2CB01# |
| | | | 1.3pF | ±0.1pF | GQM2194C2A1R3BB01# |
| | | | | ±0.25pF | GQM2194C2A1R3CB01# |
| | | | 1.5pF | ±0.1pF | GQM2194C2A1R5BB01# |
| | | | | ±0.25pF | GQM2194C2A1R5CB01# |
| | | | 1.6pF | ±0.1pF | GQM2194C2A1R6BB01# |

Part number # indicates the package specification code.

Capacitor Array GNM Series

> Low ESL LL□ Series

High-Q Type GJM Series

GQM Series Temperature Compensating Type Fig Part Number List

(→ **■** 2.0×1.25mm)

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number |
|-----------|------------------|------------|-------|---------|--------------------|
| 0.95mm | 100Vdc | СК | 1.6pF | ±0.25pF | GQM2194C2A1R6CB01# |
| | | | 1.8pF | ±0.1pF | GQM2194C2A1R8BB01# |
| | | | | ±0.25pF | GQM2194C2A1R8CB01# |
| | | | 2.0pF | ±0.1pF | GQM2194C2A2R0BB01# |
| | | | | ±0.25pF | GQM2194C2A2R0CB01# |
| | | CJ | 2.2pF | ±0.1pF | GQM2193C2A2R2BB01# |
| | | | | ±0.25pF | GQM2193C2A2R2CB01# |
| | | | 2.4pF | ±0.1pF | GQM2193C2A2R4BB01# |
| | | | | ±0.25pF | |
| | | | 2.7pF | ±0.1pF | GQM2193C2A2R7BB01# |
| | | | p. | ±0.25pF | GQM2193C2A2R7CB01# |
| | | | 3.0pF | ±0.1pF | GQM2193C2A3R0BB01# |
| | | | 3.0pi | ±0.25pF | GQM2193C2A3R0CB01# |
| | | | 2 2nE | · · | |
| | | | 3.3pF | ±0.1pF | GQM2193C2A3R3BB01# |
| | | | 005 | ±0.25pF | GQM2193C2A3R3CB01# |
| | | | 3.6pF | ±0.1pF | GQM2193C2A3R6BB01# |
| | | | | ±0.25pF | GQM2193C2A3R6CB01# |
| | | | 3.9pF | ±0.1pF | GQM2193C2A3R9BB01# |
| | | | | ±0.25pF | GQM2193C2A3R9CB01# |
| | | CH | 4.0pF | ±0.1pF | GQM2192C2A4R0BB01# |
| | | | | ±0.25pF | GQM2192C2A4R0CB01# |
| | | | 4.3pF | ±0.1pF | GQM2192C2A4R3BB01# |
| | | | | ±0.25pF | GQM2192C2A4R3CB01# |
| | | | 4.7pF | ±0.1pF | GQM2192C2A4R7BB01# |
| | | | | ±0.25pF | GQM2192C2A4R7CB01# |
| | | | 5.0pF | ±0.1pF | GQM2192C2A5R0BB01# |
| | | | | ±0.25pF | GQM2192C2A5R0CB01# |
| | | | 5.1pF | ±0.25pF | GQM2192C2A5R1CB01# |
| | | | | ±0.5pF | GQM2192C2A5R1DB01# |
| | | | 5.6pF | ±0.25pF | GQM2192C2A5R6CB01# |
| | | | 0.00. | ±0.5pF | GQM2192C2A5R6DB01# |
| | | | 6.0pF | ±0.25pF | GQM2192C2A6R0CB01# |
| | | | 0.0pi | ±0.25pi | GQM2192C2A6R0DB01# |
| | | | 0.0-5 | | |
| | | | 6.2pF | ±0.25pF | GQM2192C2A6R2CB01# |
| | | | | ±0.5pF | GQM2192C2A6R2DB01# |
| | | | 6.8pF | ±0.25pF | GQM2192C2A6R8CB01# |
| | | | | ±0.5pF | GQM2192C2A6R8DB01# |
| | | | 7.0pF | ±0.25pF | GQM2192C2A7R0CB01# |
| | | | | ±0.5pF | GQM2192C2A7R0DB01# |
| | | | 7.5pF | ±0.25pF | GQM2192C2A7R5CB01# |
| | | | | ±0.5pF | GQM2192C2A7R5DB01# |
| | | | 8.0pF | ±0.25pF | GQM2192C2A8R0CB01# |
| | | | | ±0.5pF | GQM2192C2A8R0DB01# |
| | | | 8.2pF | ±0.25pF | GQM2192C2A8R2CB01# |
| | | | | ±0.5pF | GQM2192C2A8R2DB01# |
| | | | 9.0pF | ±0.25pF | GQM2192C2A9R0CB01# |
| | | | | ±0.5pF | GQM2192C2A9R0DB01# |
| | | | 9.1pF | ±0.25pF | GQM2192C2A9R1CB01# |
| | | | 12. | ±0.5pF | GQM2192C2A9R1DB01# |
| | | | 10pF | ±2% | GQM2192C2A100GB01# |
| | | | . 561 | ±5% | GQM2192C2A100JB01# |
| | | | 11pF | ±2% | GQM2192C2A110GB01# |
| | | | ιιμΓ | | |
| | | | 10.5 | ±5% | GQM2192C2A110JB01# |
| | | | 12pF | ±2% | GQM2192C2A120GB01# |

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number | |
|-----------|------------------|------------|---------------|------------|--|-------|
| 0.95mm | 100Vdc | СН | 12pF | ±5% | GQM2192C2A120JB01# | |
| | | | 13pF | ±2% | GQM2192C2A130GB01# | |
| | | | | ±5% | GQM2192C2A130JB01# | |
| | | | 15pF | ±2% | GQM2192C2A150GB01# | |
| | | | | ±5% | GQM2192C2A150JB01# | |
| | | | 16pF | ±2% | GQM2192C2A160GB01# | |
| | | | | ±5% | GQM2192C2A160JB01# | |
| | | | 18pF | ±2% | GQM2192C2A180GB01# | |
| | | | | ±5% | GQM2192C2A180JB01# | |
| | 50Vdc | COG | 20pF | ±2% | GQM2195C1H200GB01# | |
| | | | | ±5% | GQM2195C1H200JB01# | |
| | | | 22pF | ±2% | GQM2195C1H220GB01# | |
| | | | | ±5% | GQM2195C1H220JB01# | |
| | | | 24pF | ±2% | GQM2195C1H240GB01# | |
| | | | | ±5% | GQM2195C1H240JB01# | |
| | | | 27pF | ±2% | GQM2195C1H270GB01# | |
| | | | | ±5% | GQM2195C1H270JB01# | |
| | | | 30pF | ±2% | GQM2195C1H300GB01# | |
| | | | | ±5% | GQM2195C1H300JB01# | |
| | | | 33pF | ±2% | GQM2195C1H330GB01# | |
| | | | | ±5% | GQM2195C1H330JB01# | |
| | | | 36pF | ±2% | GQM2195C1H360GB01# | |
| | | | | ±5% | GQM2195C1H360JB01# | |
| | | | 39pF | ±2% | GQM2195C1H390GB01# | |
| | | | | ±5% | GQM2195C1H390JB01# | |
| | | | 43pF | ±2% | GQM2195C1H430GB01# | |
| | | | | ±5% | GQM2195C1H430JB01# | |
| | | | 47pF | ±2% | GQM2195C1H470GB01# | |
| | | | | ±5% | GQM2195C1H470JB01# | |
| | | | 51pF | ±2% | GQM2195C1H510GB01# | |
| | | | | ±5% | GQM2195C1H510JB01# | |
| | | | 56pF | ±2% | GQM2195C1H560GB01# | |
| | | | | ±5% | GQM2195C1H560JB01# | |
| | | | 62pF | ±2% | GQM2195C1H620GB01# | |
| | | | | ±5% | GQM2195C1H620JB01# | |
| | | | 68pF | ±2% | GQM2195C1H680GB01# | |
| | | | | ±5% | GQM2195C1H680JB01# | |
| | | | 75pF | ±2% | GQM2195C1H750GB01# | |
| | | | | ±5% | GQM2195C1H750JB01# | |
| | | | 82pF | ±2% | GQM2195C1H820GB01# | |
| | | | 04.5 | ±5% | GQM2195C1H820JB01# | |
| | | | 91pF | ±2% | GQM2195C1H910GB01# | |
| | | | 400 = | ±5% | GQM2195C1H910JB01# | |
| | | | 100pF | ±2% | GQM2195C1H101GB01# | |
| | | 011 | 00.5 | ±5% | GQM2195C1H101JB01# | |
| | | CH | 20pF | ±2% | GQM2192C1H200GB01# | |
| | | | 205 | ±5% | GQM2192C1H200JB01# | |
| | | | 22pF | ±2% | GQM2192C1H220GB01# | |
| | | | 24pF | ±5% | GQM2192C1H220JB01# | |
| | | | 24 µ F | ±2% | GQM2192C1H240GB01# | |
| | | | 27pF | ±5% | GQM2192C1H240JB01# | |
| | | | 21 pr | ±2% ±5% | GQM2192C1H270GB01# GQM2192C1H270JB01# | |
| | | | 30pF | ±2% | GQM2192C1H2703B01# | |
| | | | | | ates the package specification | code. |

(→ **■** 2.0×1.25mm)

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number |
|-----------|------------------|------------|--------|---------|--------------------|
| 95mm | 50Vdc | СН | 30pF | ±5% | GQM2192C1H300JB01# |
| | | | 33pF | ±2% | GQM2192C1H330GB01# |
| | | | | ±5% | GQM2192C1H330JB01# |
| | | | 36pF | ±2% | GQM2192C1H360GB01# |
| | | | | ±5% | GQM2192C1H360JB01# |
| | | | 39pF | ±2% | GQM2192C1H390GB01# |
| | | | | ±5% | GQM2192C1H390JB01# |
| | | | 43pF | ±2% | GQM2192C1H430GB01# |
| | | | | ±5% | GQM2192C1H430JB01# |
| | | | 47pF | ±2% | GQM2192C1H470GB01# |
| | | | | ±5% | GQM2192C1H470JB01# |
| | | | 51pF | ±2% | GQM2192C1H510GB01# |
| | | | | ±5% | GQM2192C1H510JB01# |
| | | | 56pF | ±2% | GQM2192C1H560GB01# |
| | | | | ±5% | GQM2192C1H560JB01# |
| | | | 62pF | ±2% | GQM2192C1H620GB01# |
| | | | | ±5% | GQM2192C1H620JB01# |
| | | | 68pF | ±2% | GQM2192C1H680GB01# |
| | | | | ±5% | GQM2192C1H680JB01# |
| | | | 75pF | ±2% | GQM2192C1H750GB01# |
| | | | | ±5% | GQM2192C1H750JB01# |
| | | | 82pF | ±2% | GQM2192C1H820GB01# |
| | | | | ±5% | GQM2192C1H820JB01# |
| | | | 91pF | ±2% | GQM2192C1H910GB01# |
| | | | | ±5% | GQM2192C1H910JB01# |
| | | | 100pF | ±2% | GQM2192C1H101GB01# |
| | | | | ±5% | GQM2192C1H101JB01# |
| mm | 250Vdc | COG | 0.5pF | ±0.1pF | GQM2195C2ER50BB12# |
| | | | | ±0.25pF | GQM2195C2ER50CB12# |
| | | | 0.75pF | ±0.1pF | GQM2195C2ER75BB12# |
| | | | | ±0.25pF | GQM2195C2ER75CB12# |
| | | | 1.0pF | ±0.1pF | GQM2195C2E1R0BB12# |
| | | | | ±0.25pF | GQM2195C2E1R0CB12# |
| | | | 1.1pF | ±0.1pF | GQM2195C2E1R1BB12# |
| | | | | ±0.25pF | GQM2195C2E1R1CB12# |
| | | | 1.2pF | ±0.1pF | GQM2195C2E1R2BB12# |
| | | | | ±0.25pF | GQM2195C2E1R2CB12# |
| | | | 1.3pF | ±0.1pF | GQM2195C2E1R3BB12# |
| | | | | ±0.25pF | GQM2195C2E1R3CB12# |
| | | | 1.5pF | ±0.1pF | GQM2195C2E1R5BB12# |
| | | | | ±0.25pF | GQM2195C2E1R5CB12# |
| | | | 1.6pF | ±0.1pF | GQM2195C2E1R6BB12# |
| | | | | ±0.25pF | GQM2195C2E1R6CB12# |
| | | | 1.8pF | ±0.1pF | GQM2195C2E1R8BB12# |
| | | | | ±0.25pF | GQM2195C2E1R8CB12# |
| | | | 2.0pF | ±0.1pF | GQM2195C2E2R0BB12# |
| | | | | ±0.25pF | GQM2195C2E2R0CB12# |
| | | | 2.2pF | ±0.1pF | GQM2195C2E2R2BB12# |
| | | | | ±0.25pF | GQM2195C2E2R2CB12# |
| | | | 2.4pF | ±0.1pF | GQM2195C2E2R4BB12# |
| | | | | ±0.25pF | GQM2195C2E2R4CB12# |
| | | | 2.7pF | ±0.1pF | GQM2195C2E2R7BB12# |
| | | | | ±0.25pF | GQM2195C2E2R7CB12# |
| | I | | 3.0pF | ±0.1pF | GQM2195C2E3R0BB12# |

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number | |
|-----------|------------------|------------|----------|--------------|---------------------------------|-------|
| 1mm | 250Vdc | COG | 3.0pF | ±0.25pF | GQM2195C2E3R0CB12# | |
| | | | 3.3pF | ±0.1pF | GQM2195C2E3R3BB12# | |
| | | | | ±0.25pF | GQM2195C2E3R3CB12# | |
| | | | 3.6pF | ±0.1pF | GQM2195C2E3R6BB12# | |
| | | | | ±0.25pF | GQM2195C2E3R6CB12# | |
| | | | 3.9pF | ±0.1pF | GQM2195C2E3R9BB12# | |
| | | | | ±0.25pF | GQM2195C2E3R9CB12# | |
| | | | 4.0pF | ±0.1pF | GQM2195C2E4R0BB12# | |
| | | | | ±0.25pF | GQM2195C2E4R0CB12# | |
| | | | 4.3pF | ±0.1pF | GQM2195C2E4R3BB12# | |
| | | | | ±0.25pF | GQM2195C2E4R3CB12# | |
| | | | 4.7pF | ±0.1pF | GQM2195C2E4R7BB12# | |
| | | | 1.7 pi | ±0.25pF | GQM2195C2E4R7CB12# | |
| | | | 5.0pF | ±0.1pF | GQM2195C2E5R0BB12# | |
| | | | 3.0pi | | GQM2195C2E5R0CB12# | |
| | | | F 1 = F | ±0.25pF | | _ |
| | | | 5.1pF | ±0.25pF | GQM2195C2E5R1CB12# | |
| | | | | ±0.5pF | GQM2195C2E5R1DB12# | |
| | | | 5.6pF | ±0.25pF | GQM2195C2E5R6CB12# | |
| | | | | ±0.5pF | GQM2195C2E5R6DB12# | |
| | | | 6.0pF | ±0.25pF | GQM2195C2E6R0CB12# | |
| | | | | ±0.5pF | GQM2195C2E6R0DB12# | |
| | | | 6.2pF | ±0.25pF | GQM2195C2E6R2CB12# | |
| | | | | ±0.5pF | GQM2195C2E6R2DB12# | |
| | | | 6.8pF | ±0.25pF | GQM2195C2E6R8CB12# | |
| | | | | ±0.5pF | GQM2195C2E6R8DB12# | |
| | | | 7.0pF | ±0.25pF | GQM2195C2E7R0CB12# | |
| | | | | ±0.5pF | GQM2195C2E7R0DB12# | |
| | | | 7.5pF | ±0.25pF | GQM2195C2E7R5CB12# | |
| | | | | ±0.5pF | GQM2195C2E7R5DB12# | |
| | | | 8.0pF | ±0.25pF | GQM2195C2E8R0CB12# | |
| | | | | ±0.5pF | GQM2195C2E8R0DB12# | |
| | | | 8.2pF | ±0.25pF | GQM2195C2E8R2CB12# | |
| | | | | ±0.5pF | GQM2195C2E8R2DB12# | |
| | | | 9.0pF | ±0.25pF | GQM2195C2E9R0CB12# | |
| | | | | ±0.5pF | GQM2195C2E9R0DB12# | |
| | | | 9.1pF | ±0.25pF | GQM2195C2E9R1CB12# | |
| | | | | ±0.5pF | GQM2195C2E9R1DB12# | |
| | | | 10pF | ±2% | GQM2195C2E100GB12# | |
| | | | | ±5% | GQM2195C2E100JB12# | |
| | | | 11pF | ±2% | GQM2195C2E110GB12# | |
| | | | | ±5% | GQM2195C2E110JB12# | |
| | | | 12pF | ±2% | GQM2195C2E120GB12# | |
| | | | | ±5% | GQM2195C2E120JB12# | |
| | | | 13pF | ±2% | GQM2195C2E130GB12# | |
| | | | | ±5% | GQM2195C2E130JB12# | |
| | | | 15pF | ±2% | GQM2195C2E150GB12# | |
| | | | | ±5% | GQM2195C2E150JB12# | |
| | | | 16pF | ±2% | GQM2195C2E160GB12# | |
| | | | | ±5% | GQM2195C2E160JB12# | |
| | | | 18pF | ±2% | GQM2195C2E180GB12# | |
| | | | | ±5% | GQM2195C2E180JB12# | |
| | | | 20pF | ±2% | GQM2195C2E200GB12# | |
| | | | | ±5% | GQM2195C2E200JB12# | |
| | | | 22pF | ±2% | GQM2195C2E220GB12# | |
| | | | Part nur | nber # indic | cates the package specification | code. |

Capacitor Array GNM Series

Low ESL LL□ Series

High-Q Type GJM Series

GQM Series Temperature Compensating Type Part Number List

Т

max.

Rated

Voltage

1.35mm 500Vdc

TC

Code

COG

Cap.

1.8pF

Tol.

±0.1pF

±0.25pF

±0.1pF

±0.25pF

Part Number

GQM22M5C2H1R8BB01#

GQM22M5C2H1R8CB01#

GQM22M5C2H2R0BB01#

GQM22M5C2H2R0CB01#

| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number |
|-----------|------------------|------------|-------|------|--------------------|
| 1mm | 250Vdc | COG | 22pF | ±5% | GQM2195C2E220JB12# |
| | | | 24pF | ±2% | GQM2195C2E240GB12# |
| | | | | ±5% | GQM2195C2E240JB12# |
| | | | 27pF | ±2% | GQM2195C2E270GB12# |
| | | | | ±5% | GQM2195C2E270JB12# |
| | | | 30pF | ±2% | GQM2195C2E300GB12# |
| | | | | ±5% | GQM2195C2E300JB12# |
| | | | 33pF | ±2% | GQM2195C2E330GB12# |
| | | | | ±5% | GQM2195C2E330JB12# |
| | | | 36pF | ±2% | GQM2195C2E360GB12# |
| | | | | ±5% | GQM2195C2E360JB12# |
| | | | 39pF | ±2% | GQM2195C2E390GB12# |
| | | | | ±5% | GQM2195C2E390JB12# |
| | | | 43pF | ±2% | GQM2195C2E430GB12# |
| | | _ | | ±5% | GQM2195C2E430JB12# |
| | | | 47pF | ±2% | GQM2195C2E470GB12# |
| | | | | ±5% | GQM2195C2E470JB12# |
| | | | 51pF | ±2% | GQM2195C2E510GB12# |
| | | | | ±5% | GQM2195C2E510JB12# |
| | | | 56pF | ±2% | GQM2195C2E560GB12# |
| | | | | ±5% | GQM2195C2E560JB12# |
| | | | 62pF | ±2% | GQM2195C2E620GB12# |
| | | | | ±5% | GQM2195C2E620JB12# |
| | | | 68pF | ±2% | GQM2195C2E680GB12# |
| | | | | ±5% | GQM2195C2E680JB12# |
| | | | 75pF | ±2% | GQM2195C2E750GB12# |
| | | | | ±5% | GQM2195C2E750JB12# |
| | | | 82pF | ±2% | GQM2195C2E820GB12# |
| | | | | ±5% | GQM2195C2E820JB12# |
| | | | 91pF | ±2% | GQM2195C2E910GB12# |
| | | - | | ±5% | GQM2195C2E910JB12# |
| | | | 100pF | ±2% | GQM2195C2E101GB12# |
| | | | | ±5% | GQM2195C2E101JB12# |

■ 2.8×2.8mm

| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number | |
|-----------|------------------|------------|----------------|---------|--------------------|--------------------|
| 1.35mm | 500Vdc | COG | 0.5pF | ±0.1pF | GQM22M5C2HR50BB01# | |
| | | | | ±0.25pF | GQM22M5C2HR50CB01# | |
| | | | 0.75pF | ±0.1pF | GQM22M5C2HR75BB01# | |
| | | | | ±0.25pF | GQM22M5C2HR75CB01# | |
| | | | 1.0pF | ±0.1pF | GQM22M5C2H1R0BB01# | |
| | | | | | ±0.25pF | GQM22M5C2H1R0CB01# |
| | | | 1.1pF | ±0.1pF | GQM22M5C2H1R1BB01# | |
| | | | | ±0.25pF | GQM22M5C2H1R1CB01# | |
| | | | 1.2pF | ±0.1pF | GQM22M5C2H1R2BB01# | |
| | | | | ±0.25pF | GQM22M5C2H1R2CB01# | |
| | | | 1.3pF 1.5pF | ±0.1pF | GQM22M5C2H1R3BB01# | |
| | | | | ±0.25pF | GQM22M5C2H1R3CB01# | |
| | | | | ±0.1pF | GQM22M5C2H1R5BB01# | |
| | | | | ±0.25pF | GQM22M5C2H1R5CB01# | |
| | | | 1.6pF | ±0.1pF | GQM22M5C2H1R6BB01# | |
| | | | | ±0.25pF | GQM22M5C2H1R6CB01# | |

| 2.2pF | ±0.1pF | GQM22M5C2H2R2BB01# | _ |
|-------|-------------------|--|---|
| | ±0.25pF | GQM22M5C2H2R2CB01# | _ |
| 2.4pF | ±0.1pF | GQM22M5C2H2R4BB01# | _ |
| | ±0.25pF | GQM22M5C2H2R4CB01# | _ |
| 2.7pF | ±0.1pF | GQM22M5C2H2R7BB01# | |
| | ±0.25pF | GQM22M5C2H2R7CB01# | |
| 3.0pF | ±0.1pF | GQM22M5C2H3R0BB01# | |
| | ±0.25pF | GQM22M5C2H3R0CB01# | |
| 3.3pF | ±0.1pF | GQM22M5C2H3R3BB01# | _ |
| | ±0.25pF | GQM22M5C2H3R3CB01# | _ |
| 3.6pF | ±0.1pF | GQM22M5C2H3R6BB01# | _ |
| | ±0.25pF | GQM22M5C2H3R6CB01# | _ |
| 3.9pF | ±0.1pF | GQM22M5C2H3R9BB01# | _ |
| | ±0.25pF | GQM22M5C2H3R9CB01# | _ |
| 4.0pF | ±0.1pF | GQM22M5C2H4R0BB01# | _ |
| | ±0.25pF | GQM22M5C2H4R0CB01# | _ |
| 4.3pF | ±0.1pF | GQM22M5C2H4R3BB01# | _ |
| | ±0.25pF | GQM22M5C2H4R3CB01# | _ |
| 4.7pF | ±0.1pF | GQM22M5C2H4R7BB01# | _ |
| | ±0.25pF | GQM22M5C2H4R7CB01# | _ |
| 5.0pF | ±0.1pF | GQM22M5C2H5R0BB01# | _ |
| | ±0.25pF | GQM22M5C2H5R0CB01# | _ |
| 5.1pF | ±0.25pF | GQM22M5C2H5R1CB01# | _ |
| - C F | ±0.5pF | GQM22M5C2H5R1DB01# | _ |
| 5.6pF | ±0.25pF | GQM22M5C2H5R6CB01# | _ |
| C 0=F | ±0.5pF | GQM22M5C2H5R6DB01# GQM22M5C2H6R0CB01# | _ |
| 6.0pF | ±0.25pF | GQM22M5C2H6R0DB01# | _ |
| 6.2pF | ±0.5pF ±0.25pF | GQM22M5C2H6R2CB01# | _ |
| 0.201 | ±0.5pF | GQM22M5C2H6R2DB01# | _ |
| 6.8pF | ±0.25pF | GQM22M5C2H6R8CB01# | _ |
| о.орт | ±0.5pF | GQM22M5C2H6R8DB01# | _ |
| 7.0pF | ±0.25pF | GQM22M5C2H7R0CB01# | _ |
| - 17: | ±0.5pF | GQM22M5C2H7R0DB01# | _ |
| 7.5pF | ±0.25pF | GQM22M5C2H7R5CB01# | _ |
| - 17: | ±0.5pF | GQM22M5C2H7R5DB01# | _ |
| 8.0pF | ±0.25pF | GQM22M5C2H8R0CB01# | _ |
| ' | ±0.5pF | GQM22M5C2H8R0DB01# | _ |
| 8.2pF | ±0.25pF | GQM22M5C2H8R2CB01# | _ |
| | ±0.5pF | GQM22M5C2H8R2DB01# | _ |
| 9.0pF | ±0.25pF | GQM22M5C2H9R0CB01# | _ |
| | ±0.5pF | GQM22M5C2H9R0DB01# | _ |
| 9.1pF | ±0.25pF | GQM22M5C2H9R1CB01# | _ |
| | ±0.5pF | GQM22M5C2H9R1DB01# | _ |
| 10pF | ±2% | GQM22M5C2H100GB01# | _ |
| | ±5% | GQM22M5C2H100JB01# | _ |
| 11pF | ±2% | GQM22M5C2H110GB01# | _ |
| | ±5% | GQM22M5C2H110JB01# | _ |
| 12pF | ±2% | GQM22M5C2H120GB01# | _ |
| | _E0/ | COMPONECOLIDO IDO1# | _ |

Part number # indicates the package specification code.

GQM22M5C2H120JB01#

(→ **■** 2.8×2.8mm)

| 1.35mm 500Vdc COG 13pF | T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number | |
|--|-----------|------------------|------------|-------|------|--------------------|--|
| 15pF | 1.35mm | 500Vdc | COG | 13pF | ±2% | GQM22M5C2H130GB01# | |
| #5% GQM22M5C2H150JB01# #5% GQM22M5C2H160GB01# #5% GQM22M5C2H160JB01# #5% GQM22M5C2H180JB01# #5% GQM22M5C2H180JB01# #5% GQM22M5C2H200JB01# #5% GQM22M5C2H200JB01# #5% GQM22M5C2H220JB01# #5% GQM22M5C2H220JB01# #5% GQM22M5C2H220JB01# #5% GQM22M5C2H220JB01# #5% GQM22M5C2H240JB01# #5% GQM22M5C2H240JB01# #5% GQM22M5C2H240JB01# #5% GQM22M5C2H240JB01# #5% GQM22M5C2H240JB01# #5% GQM22M5C2H300JB01# #5% GQM22M5C2H470JB01# #5% GQM22M5C2H470JB01# #5% GQM22M5C2H470JB01# #5% GQM22M5C2H500JB01# #5% GQM22M5C2H50JB01# #5% GQM22M5C2H50JB01# #5% GQM22M5C2H60JB01# #5% GQM22M5C2H91JB01# #5% GQM22 | | | | | ±5% | GQM22M5C2H130JB01# | |
| 16pF ±2% GQM22M5C2H160GB01# ±5% GQM22M5C2H160JB01# ±5% GQM22M5C2H180GB01# ±5% GQM22M5C2H180JB01# ±5% GQM22M5C2H200GB01# ±5% GQM22M5C2H200GB01# ±5% GQM22M5C2H200GB01# ±5% GQM22M5C2H20JB01# ±5% GQM22M5C2H20JB01# ±5% GQM22M5C2H20JB01# ±5% GQM22M5C2H20JB01# ±5% GQM22M5C2H20JB01# ±5% GQM22M5C2H20JB01# ±5% GQM22M5C2H270GB01# ±5% GQM22M5C2H270JB01# ±5% GQM22M5C2H300JB01# ±5% GQM22M5C2H30JB01# ±5% GQM22M5C2H30JB01# ±5% GQM22M5C2H30JB01# ±5% GQM22M5C2H40JB01# ±5% GQM22M5C2H40JB01# ±5% GQM22M5C2H50JB01# ±5% GQM22M5C2H620JB01# ±5% GQM22M5C2H910JB01# ±5% GQM22M5C2H910JB01# ±5% GQM22M5C2H910JB01# ±5% GQM22M5C2H910JB01# ±5% GQM22M5C2H101GB01# | | | | 15pF | ±2% | GQM22M5C2H150GB01# | |
| #5% GQM22M5C2H160JB01# #5% GQM22M5C2H180GB01# #5% GQM22M5C2H180JB01# #5% GQM22M5C2H180JB01# #20pF #2% GQM22M5C2H200GB01# #5% GQM22M5C2H200JB01# #25% GQM22M5C2H20JB01# #25% GQM22M5C2H20JB01# #55% GQM22M5C2H20JB01# #25% GQM22M5C2H20JB01# #25% GQM22M5C2H20JB01# #25% GQM22M5C2H20JB01# #25% GQM22M5C2H20JB01# #25% GQM22M5C2H270JB01# #25% GQM22M5C2H270JB01# #25% GQM22M5C2H300JB01# #25% GQM22M5C2H300JB01# #25% GQM22M5C2H300JB01# #25% GQM22M5C2H300JB01# #25% GQM22M5C2H300JB01# #25% GQM22M5C2H300JB01# #25% GQM22M5C2H30JB01# #25% GQM22M5C2H30JB01# #25% GQM22M5C2H30JB01# #25% GQM22M5C2H30JB01# #25% GQM22M5C2H30JB01# #25% GQM22M5C2H30JB01# #25% GQM22M5C2H40JB01# #25% GQM22M5C2H40JB01# #25% GQM22M5C2H470JB01# #25% GQM22M5C2H510JB01# #25% GQM22M5C2H50JB01# #25% GQM22M5C2H50JB01# #25% GQM22M5C2H50JB01# #25% GQM22M5C2H50JB01# #25% GQM22M5C2H60QB01# #25% GQM22M5C2H60QB01# #25% GQM22M5C2H50JB01# | | | | | ±5% | GQM22M5C2H150JB01# | |
| 18pF | | | | 16pF | ±2% | GQM22M5C2H160GB01# | |
| #5% GQM22M5C2H180JB01# #2% GQM22M5C2H200GB01# #5% GQM22M5C2H200JB01# #5% GQM22M5C2H220JB01# #5% GQM22M5C2H220JB01# #5% GQM22M5C2H220JB01# #5% GQM22M5C2H240JB01# #5% GQM22M5C2H240JB01# #5% GQM22M5C2H240JB01# #5% GQM22M5C2H270JB01# #5% GQM22M5C2H270JB01# #5% GQM22M5C2H270JB01# #5% GQM22M5C2H270JB01# #30pF #2% GQM22M5C2H300JB01# #5% GQM22M5C2H300JB01# #5% GQM22M5C2H300JB01# #33pF #2% GQM22M5C2H30JB01# #5% GQM22M5C2H30JB01# #45% GQM22M5C2H30JB01# #45% GQM22M5C2H30JB01# #45% GQM22M5C2H30JB01# #5% GQM22M5C2H30JB01# #55% GQM22M5C2H30JB01# #55% GQM22M5C2H30JB01# #55% GQM22M5C2H30JB01# #55% GQM22M5C2H430JB01# #55% GQM22M5C2H40JB01# #55% GQM22M5C2H40JB01# #55% GQM22M5C2H510JB01# #55% GQM22M5C2H510JB01# #55% GQM22M5C2H50JB01# #55% GQM22M5C2H560JB01# #55% GQM22M5C2H60JB01# #55% GQM22M5C2H680JB01# #55% GQM22M5C2H680JB01# #55% GQM22M5C2H50JB01# | | | | | ±5% | GQM22M5C2H160JB01# | |
| 20pF ±2% GQM22M5C2H200GB01# ±5% GQM22M5C2H200JB01# 22pF ±2% GQM22M5C2H220JB01# ±5% GQM22M5C2H220JB01# ±5% GQM22M5C2H240GB01# ±5% GQM22M5C2H240JB01# ±5% GQM22M5C2H270GB01# ±5% GQM22M5C2H270JB01# ±5% GQM22M5C2H270JB01# ±5% GQM22M5C2H300GB01# ±5% GQM22M5C2H300GB01# ±5% GQM22M5C2H300JB01# 33pF ±2% GQM22M5C2H300JB01# ±5% GQM22M5C2H30JB01# ±5% GQM22M5C2H30JB01# ±5% GQM22M5C2H30JB01# ±5% GQM22M5C2H40JB01# ±5% GQM22M5C2H40JB01# ±5% GQM22M5C2H40JB01# ±5% GQM22M5C2H50JB01# ±5% GQM22M5C2H30JB01# | | | | 18pF | ±2% | GQM22M5C2H180GB01# | |
| #5% GQM22M5C2H200JB01# #29F #2% GQM22M5C2H220GB01# #5% GQM22M5C2H220JB01# #29F #2% GQM22M5C2H240JB01# #5% GQM22M5C2H240JB01# #5% GQM22M5C2H240JB01# #5% GQM22M5C2H270JB01# #5% GQM22M5C2H270JB01# #5% GQM22M5C2H300GB01# #5% GQM22M5C2H300JB01# #5% GQM22M5C2H30JB01# #5% GQM22M5C2H40JB01# #5% GQM22M5C2H40JB01# #5% GQM22M5C2H50JB01# #5% GQM22M5C2H50JB01# #5% GQM22M5C2H50JB01# #5% GQM22M5C2H50JB01# #5% GQM22M5C2H60JB01# #5% GQM22M5C2H750JB01# #5% GQM22M5C2H80JB01# #5% GQM22M5C2H80JB01# #5% GQM22M5C2H80JB01# #5% GQM22M5C2H90JB01# #5% GQM22M5C2H90JB01# #5% GQM22M5C2H90JB01# #5% GQM22M5C2H90JB01# #5% GQM22M5C2H90JB01# #5% GQM22M5C2H90JB01# | | | | | ±5% | GQM22M5C2H180JB01# | |
| 22pF ±2% GQM22M5C2H220JB01# ±5% GQM22M5C2H220JB01# ±24pF ±2% GQM22M5C2H240GB01# ±5% GQM22M5C2H270GB01# ±5% GQM22M5C2H270JB01# ±5% GQM22M5C2H300GB01# ±5% GQM22M5C2H300JB01# ±5% GQM22M5C2H40JB01# ±5% GQM22M5C2H40JB01# ±5% GQM22M5C2H510JB01# ±5% GQM22M5C2H50B01# ±5% GQM22M5C2H50JB01# ±5% GQM22M5C2H50JB01# ±5% GQM22M5C2H620JB01# ±5% GQM22M5C2H620JB01# ±5% GQM22M5C2H680JB01# ±5% GQM22M5C2H680JB01# ±5% GQM22M5C2H50JB01# ±5% | | | | 20pF | ±2% | GQM22M5C2H200GB01# | |
| ### ### ############################## | | | | | ±5% | GQM22M5C2H200JB01# | |
| 24pF ±2% GQM22M5C2H240GB01# ±5% GQM22M5C2H270GB01# ±5% GQM22M5C2H270GB01# ±5% GQM22M5C2H300GB01# ±5% GQM22M5C2H300GB01# ±5% GQM22M5C2H300GB01# ±5% GQM22M5C2H300JB01# ±5% GQM22M5C2H300JB01# ±5% GQM22M5C2H330GB01# ±5% GQM22M5C2H330JB01# ±5% GQM22M5C2H360GB01# ±5% GQM22M5C2H360JB01# ±5% GQM22M5C2H360JB01# ±5% GQM22M5C2H390JB01# ±5% GQM22M5C2H390JB01# ±5% GQM22M5C2H430JB01# ±5% GQM22M5C2H430JB01# ±5% GQM22M5C2H430JB01# ±5% GQM22M5C2H470JB01# ±5% GQM22M5C2H470JB01# ±5% GQM22M5C2H510JB01# ±5% GQM22M5C2H510JB01# ±5% GQM22M5C2H560JB01# ±5% GQM22M5C2H560JB01# ±5% GQM22M5C2H620JB01# ±5% GQM22M5C2H620JB01# ±5% GQM22M5C2H620JB01# ±5% GQM22M5C2H680JB01# ±5% GQM22M5C2H680JB01# ±5% GQM22M5C2H680JB01# ±5% GQM22M5C2H680JB01# ±5% GQM22M5C2H620JB01# ±5% GQM22M5C2H60JB01# ±5% GQM22M5C2H60JB01# ±5% GQM22M5C2H60JB01# ±5% GQM22M5C2H60JB01# ±5% GQM22M5C2H60JB01# ±5% GQM22M5C2H60JB01# ±5% GQM22M5C2H10JB01# | | | | 22pF | ±2% | GQM22M5C2H220GB01# | |
| #5% GQM22M5C2H240JB01# #27pF | | | | | ±5% | GQM22M5C2H220JB01# | |
| 27pF ±2% GQM22M5C2H270GB01# ±5% GQM22M5C2H300GB01# ±5% GQM22M5C2H300JB01# ±5% GQM22M5C2H300JB01# ±5% GQM22M5C2H300JB01# ±5% GQM22M5C2H330GB01# ±5% GQM22M5C2H330JB01# ±5% GQM22M5C2H330JB01# ±5% GQM22M5C2H360JB01# ±5% GQM22M5C2H360JB01# ±5% GQM22M5C2H390JB01# ±5% GQM22M5C2H390JB01# ±5% GQM22M5C2H430JB01# ±5% GQM22M5C2H430JB01# ±5% GQM22M5C2H470JB01# ±5% GQM22M5C2H470JB01# ±5% GQM22M5C2H510JB01# ±5% GQM22M5C2H510JB01# ±5% GQM22M5C2H560JB01# ±5% GQM22M5C2H560JB01# ±5% GQM22M5C2H560JB01# ±5% GQM22M5C2H560JB01# ±5% GQM22M5C2H620JB01# ±5% GQM22M5C2H620JB01# ±5% GQM22M5C2H680JB01# ±5% GQM22M5C2H820JB01# ±5% GQM22M5C2H820JB01# ±5% GQM22M5C2H910JB01# | | | | 24pF | ±2% | GQM22M5C2H240GB01# | |
| ### ### ############################## | | | | | ±5% | GQM22M5C2H240JB01# | |
| ### 30pF ### 2% GQM22M5C2H300GB01# ### ±5% GQM22M5C2H300JB01# ### ±5% GQM22M5C2H330JB01# ### ±5% GQM22M5C2H330JB01# ### ±5% GQM22M5C2H360GB01# ### ±5% GQM22M5C2H360JB01# ### ±5% GQM22M5C2H360JB01# ### ±5% GQM22M5C2H390JB01# ### ±5% GQM22M5C2H390JB01# ### ±5% GQM22M5C2H390JB01# ### ±5% GQM22M5C2H430JB01# ### ±5% GQM22M5C2H470JB01# ### ±5% GQM22M5C2H470JB01# ### ±5% GQM22M5C2H470JB01# ### ±5% GQM22M5C2H510JB01# ### ±5% GQM22M5C2H510JB01# ### ±5% GQM22M5C2H510JB01# ### ±5% GQM22M5C2H560JB01# ### ±5% GQM22M5C2H560JB01# ### ±5% GQM22M5C2H620JB01# ### ±5% GQM22M5C2H820JB01# ### ±5% GQM22M5C2H820JB01# ### ±5% GQM22M5C2H820JB01# ### ±5% GQM22M5C2H820JB01# ### ±5% GQM22M5C2H810JB01# ### ±5% GQM22M5C2H910JB01# #### ############################## | | | | 27pF | ±2% | GQM22M5C2H270GB01# | |
| #5% GQM22M5C2H300JB01# #5% GQM22M5C2H330GB01# #5% GQM22M5C2H330JB01# #5% GQM22M5C2H360GB01# #5% GQM22M5C2H360JB01# #5% GQM22M5C2H390JB01# #5% GQM22M5C2H390JB01# #5% GQM22M5C2H390JB01# #5% GQM22M5C2H430GB01# #5% GQM22M5C2H430JB01# #5% GQM22M5C2H430JB01# #5% GQM22M5C2H430JB01# #5% GQM22M5C2H470JB01# #5% GQM22M5C2H470JB01# #5% GQM22M5C2H510JB01# #5% GQM22M5C2H510JB01# #5% GQM22M5C2H560JB01# #5% GQM22M5C2H560JB01# #5% GQM22M5C2H560JB01# #5% GQM22M5C2H680JB01# #5% GQM22M5C2H680JB01# #5% GQM22M5C2H680JB01# #5% GQM22M5C2H680JB01# #5% GQM22M5C2H680JB01# #5% GQM22M5C2H750JB01# #5% GQM22M5C2H750JB01# #5% GQM22M5C2H750JB01# #5% GQM22M5C2H820JB01# #5% GQM22M5C2H820JB01# #5% GQM22M5C2H820JB01# #5% GQM22M5C2H820JB01# #5% GQM22M5C2H910JB01# #5% GQM22M5C2H910JB01# #5% GQM22M5C2H910JB01# #5% GQM22M5C2H910JB01# | | | | | ±5% | GQM22M5C2H270JB01# | |
| ### ### ############################## | | | | 30pF | ±2% | GQM22M5C2H300GB01# | |
| # ±5% GQM22M5C2H330JB01# # ±5% GQM22M5C2H360GB01# # ±5% GQM22M5C2H390GB01# # ±5% GQM22M5C2H390JB01# # ±5% GQM22M5C2H390JB01# # ±5% GQM22M5C2H390JB01# # ±5% GQM22M5C2H430GB01# # ±5% GQM22M5C2H430JB01# # ±5% GQM22M5C2H470GB01# # ±5% GQM22M5C2H470JB01# # ±5% GQM22M5C2H510JB01# # ±5% GQM22M5C2H510JB01# # ±5% GQM22M5C2H560JB01# # ±5% GQM22M5C2H560JB01# # ±5% GQM22M5C2H560JB01# # ±5% GQM22M5C2H620JB01# # ±5% GQM22M5C2H680GB01# # ±5% GQM22M5C2H680JB01# # ±5% GQM22M5C2H680JB01# # ±5% GQM22M5C2H750JB01# # ±5% GQM22M5C2H750JB01# # ±5% GQM22M5C2H750JB01# # ±5% GQM22M5C2H820JB01# # ±5% GQM22M5C2H820JB01# # ±5% GQM22M5C2H910GB01# # ±5% GQM22M5C2H910GB01# # ±5% GQM22M5C2H910JB01# | | | | | ±5% | GQM22M5C2H300JB01# | |
| ### 36pF ### 2% GQM22M5C2H360GB01# ### ±5% GQM22M5C2H360JB01# ### ### ### ### ### ### ### ### ### | | | | 33pF | ±2% | GQM22M5C2H330GB01# | |
| ### ### ############################## | | | | | ±5% | GQM22M5C2H330JB01# | |
| 39pF | | | | 36pF | ±2% | GQM22M5C2H360GB01# | |
| #5% GQM22M5C2H390JB01# #43pF #2% GQM22M5C2H430GB01# #5% GQM22M5C2H430JB01# #5% GQM22M5C2H470GB01# #5% GQM22M5C2H470JB01# #5% GQM22M5C2H510GB01# #5% GQM22M5C2H510JB01# #5% GQM22M5C2H510JB01# #5% GQM22M5C2H560JB01# #5% GQM22M5C2H560JB01# #5% GQM22M5C2H620GB01# #5% GQM22M5C2H620JB01# #5% GQM22M5C2H680JB01# #5% GQM22M5C2H680JB01# #5% GQM22M5C2H680JB01# #5% GQM22M5C2H680JB01# #5% GQM22M5C2H750JB01# #5% GQM22M5C2H750JB01# #5% GQM22M5C2H820JB01# #5% GQM22M5C2H820JB01# #5% GQM22M5C2H820JB01# #5% GQM22M5C2H910JB01# #5% GQM22M5C2H910JB01# #5% GQM22M5C2H910JB01# #5% GQM22M5C2H910JB01# | | | | | ±5% | GQM22M5C2H360JB01# | |
| ### ### ############################## | | | | 39pF | ±2% | GQM22M5C2H390GB01# | |
| #5% GQM22M5C2H430JB01# #5% GQM22M5C2H470GB01# #5% GQM22M5C2H470JB01# #5% GQM22M5C2H510GB01# #5% GQM22M5C2H510JB01# #5% GQM22M5C2H510JB01# #5% GQM22M5C2H560GB01# #5% GQM22M5C2H560JB01# #5% GQM22M5C2H620GB01# #5% GQM22M5C2H620JB01# #5% GQM22M5C2H680GB01# #5% GQM22M5C2H680JB01# #5% GQM22M5C2H680JB01# #5% GQM22M5C2H680JB01# #5% GQM22M5C2H750JB01# #5% GQM22M5C2H750JB01# #5% GQM22M5C2H820JB01# #5% GQM22M5C2H820JB01# #5% GQM22M5C2H820JB01# #5% GQM22M5C2H910JB01# #5% GQM22M5C2H910JB01# #5% GQM22M5C2H910JB01# | | | | | ±5% | GQM22M5C2H390JB01# | |
| ### ### ############################## | | | | 43pF | ±2% | GQM22M5C2H430GB01# | |
| #5% GQM22M5C2H470JB01# #51pF #2% GQM22M5C2H510GB01# #55% GQM22M5C2H510JB01# #55% GQM22M5C2H560GB01# #55% GQM22M5C2H560JB01# #55% GQM22M5C2H620GB01# #55% GQM22M5C2H620JB01# #55% GQM22M5C2H680GB01# #55% GQM22M5C2H680JB01# #55% GQM22M5C2H680JB01# #55% GQM22M5C2H680JB01# #55% GQM22M5C2H750JB01# #55% GQM22M5C2H750JB01# #55% GQM22M5C2H820GB01# #55% GQM22M5C2H820JB01# #55% GQM22M5C2H820JB01# #55% GQM22M5C2H910JB01# #55% GQM22M5C2H910JB01# #55% GQM22M5C2H910JB01# | | | | | ±5% | GQM22M5C2H430JB01# | |
| \$1pF | | | | 47pF | ±2% | GQM22M5C2H470GB01# | |
| #5% GQM22M5C2H510JB01# 56pF #2% GQM22M5C2H560GB01# #5% GQM22M5C2H560JB01# 62pF #2% GQM22M5C2H620GB01# #5% GQM22M5C2H620JB01# #5% GQM22M5C2H680GB01# #5% GQM22M5C2H680JB01# #5% GQM22M5C2H680JB01# #5% GQM22M5C2H750GB01# #5% GQM22M5C2H750JB01# #5% GQM22M5C2H750JB01# #5% GQM22M5C2H820GB01# #5% GQM22M5C2H820JB01# #5% GQM22M5C2H910GB01# #5% GQM22M5C2H910JB01# #5% GQM22M5C2H910JB01# | | | | | | | |
| \$6pF \ \pmu 2% \text{GQM22M5C2H560GB01#} \\ \pmu 5% \text{GQM22M5C2H560JB01#} \\ 62pF \ \pmu 2% \text{GQM22M5C2H620GB01#} \\ \pmu 5% \text{GQM22M5C2H620JB01#} \\ 68pF \ \pmu 2% \text{GQM22M5C2H680GB01#} \\ \pmu 5% \text{GQM22M5C2H680JB01#} \\ \pmu 5% \text{GQM22M5C2H750GB01#} \\ \pmu 5% \text{GQM22M5C2H750JB01#} \\ \pmu 5% \text{GQM22M5C2H820GB01#} \\ \pmu 5% \text{GQM22M5C2H820JB01#} \\ \pmu 5% \text{GQM22M5C2H910GB01#} \\ \pmu 5% \text{GQM22M5C2H910JB01#} \\ \pmu 5% \text{GQM22M5C2H910JB01#} \\ \pmu 5% \text{GQM22M5C2H910JB01#} \\ \pmu 5% \text{GQM22M5C2H910JB01#} \\ \pmu 5% \text{GQM22M5C2H101GB01#} \\ \pmu 5% \text{GQM22M5C2H101GB01} \\ \pmu | | | | 51pF | | | |
| #5% GQM22M5C2H560JB01# 62pF #2% GQM22M5C2H620GB01# #55% GQM22M5C2H620JB01# 68pF #2% GQM22M5C2H680GB01# #55% GQM22M5C2H680JB01# #55% GQM22M5C2H680JB01# #55% GQM22M5C2H750GB01# #55% GQM22M5C2H750JB01# #55% GQM22M5C2H820GB01# #55% GQM22M5C2H820JB01# #55% GQM22M5C2H910GB01# #55% GQM22M5C2H910JB01# #55% GQM22M5C2H910JB01# | | | | | | | |
| 62pF ±2% GQM22M5C2H620GB01# ±5% GQM22M5C2H620JB01# 68pF ±2% GQM22M5C2H680GB01# ±5% GQM22M5C2H680JB01# 75pF ±2% GQM22M5C2H750GB01# ±5% GQM22M5C2H750JB01# 82pF ±2% GQM22M5C2H820GB01# ±5% GQM22M5C2H820JB01# ±5% GQM22M5C2H820JB01# 100pF ±2% GQM22M5C2H910JB01# | | | | 56pF | | | |
| # ±5% GQM22M5C2H620JB01# | | | | | | | |
| 68pF ±2% GQM22M5C2H680GB01# ±5% GQM22M5C2H680JB01# 75pF ±2% GQM22M5C2H750GB01# ±5% GQM22M5C2H750JB01# ±5% GQM22M5C2H820GB01# ±5% GQM22M5C2H820JB01# ±5% GQM22M5C2H820JB01# ±5% GQM22M5C2H910GB01# ±5% GQM22M5C2H910JB01# ±5% GQM22M5C2H910JB01# | | | | 62pF | | | |
| ### ### ############################## | | | | | | | |
| 75pF ±2% GQM22M5C2H750GB01# ±5% GQM22M5C2H750JB01# 82pF ±2% GQM22M5C2H820GB01# ±5% GQM22M5C2H820JB01# 91pF ±2% GQM22M5C2H910GB01# ±5% GQM22M5C2H910JB01# 100pF ±2% GQM22M5C2H101GB01# | | | | 68pF | | | |
| ±5% GQM22M5C2H750JB01# 82pF ±2% GQM22M5C2H820GB01# ±5% GQM22M5C2H820JB01# 91pF ±2% GQM22M5C2H910GB01# ±5% GQM22M5C2H910JB01# 100pF ±2% GQM22M5C2H101GB01# | | | | | | | |
| ### ### ### ### ### ### ### ### ### ## | | | | 75p⊦ | | | |
| ±5% GQM22M5C2H820JB01# 91pF ±2% GQM22M5C2H910GB01# ±5% GQM22M5C2H910JB01# 100pF ±2% GQM22M5C2H101GB01# | | | | | | | |
| 91pF ±2% GQM22M5C2H910GB01# ±5% GQM22M5C2H910JB01# 100pF ±2% GQM22M5C2H101GB01# | | | | 82pF | | | |
| ±5% GQM22M5C2H910JB01# 100pF ±2% GQM22M5C2H101GB01# | | | | 0: - | | | |
| 100pF ±2% GQM22M5C2H101GB01# | | | | 91pF | | | |
| | | | | 100 - | | | |
| ±5% GQM22M5C2H101JB01# | | | | 100p⊦ | | | |
| | | | | | ±5% | GQM22M5C2H101JB01# | |

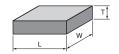


Chip Monolithic Ceramic Capacitors

Monolithic Microchip GMA Series

Capacitor for wire bonding. Can also be mounted directly to a frame!!





- 1 Excellent high frequency characteristics.
- 2 Ideal for bypass applications.
- 3 High density mounting is possible.



GMA Series High Dielectric Constant Type Part Number List

■ 0.38×0.38mm Ultra-compact

| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number | |
|-----------|------------------|------------|---------|------|--------------------|--|
| 0.35mm | 10Vdc | X7R | 10000pF | ±20% | GMA0D3R71A103MA01# | |
| | | R | 10000pF | ±20% | GMA0D3R11A103MA01# | |

■ 0.5×0.5mm Ultra-compact

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number |
|-----------|------------------|------------|---------|------|--------------------|
| 0.4mm | 100Vdc | X7R | 100pF | ±20% | GMA05XR72A101MA01# |
| | | | 150pF | ±20% | GMA05XR72A151MA01# |
| | | | 220pF | ±20% | GMA05XR72A221MA01# |
| | | | 330pF | ±20% | GMA05XR72A331MA01# |
| | | | 470pF | ±20% | GMA05XR72A471MA01# |
| | | | 680pF | ±20% | GMA05XR72A681MA01# |
| | | | 1000pF | ±20% | GMA05XR72A102MA01# |
| | 25Vdc | X7R | 1500pF | ±20% | GMA05XR71E152MA11# |
| | | | 2200pF | ±20% | GMA05XR71E222MA11# |
| | | | 3300pF | ±20% | GMA05XR71E332MA11# |
| | | | 4700pF | ±20% | GMA05XR71E472MA11# |
| | | В | 1500pF | ±20% | GMA05XB31E152MA11# |
| | | | 2200pF | ±20% | GMA05XB31E222MA11# |
| | | | 3300pF | ±20% | GMA05XB31E332MA11# |
| | | | 4700pF | ±20% | GMA05XB31E472MA11# |
| | 10Vdc | X7R | 6800pF | ±20% | GMA05XR71A682MA01# |
| | | | 10000pF | ±20% | GMA05XR71A103MA01# |
| | | | 15000pF | ±20% | GMA05XR71A153MA01# |
| | | | 22000pF | ±20% | GMA05XR71A223MA01# |
| | | R | 6800pF | ±20% | GMA05XR11A682MA01# |
| | | | 10000pF | ±20% | GMA05XR11A103MA01# |
| | | | 15000pF | ±20% | GMA05XR11A153MA01# |
| | | | 22000pF | ±20% | GMA05XR11A223MA01# |
| | | В | 6800pF | ±20% | GMA05XB11A682MA01# |
| | | | 10000pF | ±20% | GMA05XB11A103MA01# |
| | | | 15000pF | ±20% | GMA05XB11A153MA01# |
| | | | 22000pF | ±20% | GMA05XB11A223MA01# |
| | 6.3Vdc | X5R | 0.1µF | ±20% | GMA05XR60J104ME12# |
| | | В | 0.1µF | ±20% | GMA05XB30J104ME12# |

■ 0.8×0.8mm

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number | |
|-----------|------------------|------------|---------|------|--------------------|--|
| 0.6mm | 100Vdc | X7R | 1500pF | ±20% | GMA085R72A152MA01# | |
| | | | 2200pF | ±20% | GMA085R72A222MA01# | |
| | | | 3300pF | ±20% | GMA085R72A332MA01# | |
| | | | 4700pF | ±20% | GMA085R72A472MA01# | |
| | | | 6800pF | ±20% | GMA085R72A682MA01# | |
| | 25Vdc | X7R | 10000pF | ±20% | GMA085R71E103MA11# | |
| | | | 15000pF | ±20% | GMA085R71E153MA11# | |
| | | | 22000pF | ±20% | GMA085R71E223MA11# | |
| | | В | 10000pF | ±20% | GMA085B31E103MA11# | |
| | | | 15000pF | ±20% | GMA085B31E153MA11# | |
| | | | 22000pF | ±20% | GMA085B31E223MA11# | |

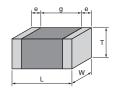
| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number |
|-----------|------------------|------------|---------|------|--------------------|
| 0.6mm | 10Vdc | X7R | 33000pF | ±20% | GMA085R71A333MA01# |
| | | | 47000pF | ±20% | GMA085R71A473MA01# |
| | | | 68000pF | ±20% | GMA085R71A683MA01# |
| | | | 0.1µF | ±20% | GMA085R71A104MA01# |
| | | R | 33000pF | ±20% | GMA085R11A333MA01# |
| | | | 47000pF | ±20% | GMA085R11A473MA01# |
| | | | 68000pF | ±20% | GMA085R11A683MA01# |
| | | | 0.1µF | ±20% | GMA085R11A104MA01# |
| | | В | 33000pF | ±20% | GMA085B11A333MA01# |
| | | | 47000pF | ±20% | GMA085B11A473MA01# |
| | | | 68000pF | ±20% | GMA085B11A683MA01# |
| | | | 0.1µF | ±20% | GMA085B11A104MA01# |
| | 6.3Vdc | X5R | 0.47µF | ±20% | GMA085R60J474ME12# |
| | | В | 0.47µF | ±20% | GMA085B30J474ME12# |

Chip Monolithic Ceramic Capacitors

For Bonding GMD Series

Capacitor for wire bonding. Compatible up to 0.6x0.3mm size!!





- 1 Compact product sizes of 0.6x0.3x0.3mm, 1.0x0.5x0.5mm
- 2 Can be mounted by wire bonding and AuSn soldering.
- 3 Ideal for mounting in optical communication related devices and IC packages.

GMD Series High Dielectric Constant Type Part Number List

■ 0.6×0.3mm Ultra-compact

| | Part Number | Tol. | Cap. | TC Code | Rated Voltage | T max. |
|---|--------------------|------|--------|------------|------------------|-----------|
| | GMD033R71E101KA01# | ±10% | 100pF | X7R | 25Vdc | 0.33mm |
| | GMD033R71E121KA01# | ±10% | 120pF | | | |
| | GMD033R71E151KA01# | ±10% | 150pF | | | |
| | GMD033R71E181KA01# | ±10% | 180pF | | | |
| | GMD033R71E221KA01# | ±10% | 220pF | | | |
| | GMD033R71E271KA01# | ±10% | 270pF | | | |
| | GMD033R71E331KA01# | ±10% | 330pF | | | |
| | GMD033R71E391KA01# | ±10% | 390pF | | | |
| | GMD033R71E471KA01# | ±10% | 470pF | | | |
| Τ | GMD033R71E561KA01# | ±10% | 560pF | | | |
| Τ | GMD033R71E681KA01# | ±10% | 680pF | | | |
| Τ | GMD033R71E821KA01# | ±10% | 820pF | | | |
| Τ | GMD033R71E102KA01# | ±10% | 1000pF | | | |
| | GMD033R71E122KA01# | ±10% | 1200pF | | | |
| | GMD033R71E152KA01# | ±10% | 1500pF | | | |
| | GMD033R11E101KA01# | ±10% | 100pF | R | | |
| T | GMD033R11E121KA01# | ±10% | 120pF | | | |
| Т | GMD033R11E151KA01# | ±10% | 150pF | | | |
| Т | GMD033R11E181KA01# | ±10% | 180pF | | | |
| T | GMD033R11E221KA01# | ±10% | 220pF | | | |
| | GMD033R11E271KA01# | ±10% | 270pF | | | |
| | GMD033R11E331KA01# | ±10% | 330pF | | | |
| | GMD033R11E391KA01# | ±10% | 390pF | | | |
| | GMD033R11E471KA01# | ±10% | 470pF | | | |
| | GMD033R11E561KA01# | ±10% | 560pF | | | |
| | GMD033R11E681KA01# | ±10% | 680pF | | | |
| | GMD033R11E821KA01# | ±10% | 820pF | | | |
| | GMD033R11E102KA01# | ±10% | 1000pF | | | |
| | GMD033R11E122KA01# | ±10% | 1200pF | | | |
| | GMD033R11E152KA01# | ±10% | 1500pF | | | |
| | GMD033B11E101KA01# | ±10% | 100pF | В | | |
| | GMD033B11E121KA01# | ±10% | 120pF | | | |
| | GMD033B11E151KA01# | ±10% | 150pF | | | |
| | GMD033B11E181KA01# | ±10% | 180pF | | | |
| | GMD033B11E221KA01# | ±10% | 220pF | | | |
| T | GMD033B11E271KA01# | ±10% | 270pF | | | |
| T | GMD033B11E331KA01# | ±10% | 330pF | | | |
| T | GMD033B11E391KA01# | ±10% | 390pF | | | |
| T | GMD033B11E471KA01# | ±10% | 470pF | | | |
| | GMD033B11E561KA01# | ±10% | 560pF | | | |

680pF

820pF

1000pF

1200pF

1500pF

1800pF

2200pF

2700pF

3300pF

1800pF

2200pF

2700pF

16Vdc

X7R

±10%

±10%

±10%

±10%

±10%

±10%

±10%

±10%

±10%

±10%

±10%

| T max. | Rated Voltage | TC Code | Cap. | Tol. | Part Number |
|-----------|------------------|------------|---------|------|--------------------|
| 0.33mm | 16Vdc | R | 3300pF | ±10% | GMD033R11C332KA11# |
| | | В | 1800pF | ±10% | GMD033B31C182KA11# |
| | | | 2200pF | ±10% | GMD033B31C222KA11# |
| | | | 2700pF | ±10% | GMD033B31C272KA11# |
| | | | 3300pF | ±10% | GMD033B31C332KA11# |
| | 10Vdc | X7R | 3900pF | ±10% | GMD033R71A392KA01# |
| | | | 4700pF | ±10% | GMD033R71A472KA01# |
| | | | 5600pF | ±10% | GMD033R71A562KA01# |
| | | | 6800pF | ±10% | GMD033R71A682KA01# |
| | | | 8200pF | ±10% | GMD033R71A822KA01# |
| | | | 10000pF | ±10% | GMD033R71A103KA01# |
| | | R | 3900pF | ±10% | GMD033R11A392KA01# |
| | | | 4700pF | ±10% | GMD033R11A472KA01# |
| | | | 5600pF | ±10% | GMD033R11A562KA01# |
| | | | 6800pF | ±10% | GMD033R11A682KA01# |
| | | | 8200pF | ±10% | GMD033R11A822KA01# |
| | | | 10000pF | ±10% | GMD033R11A103KA01# |
| | | В | 3900pF | ±10% | GMD033B11A392KA01# |
| | | | 4700pF | ±10% | GMD033B11A472KA01# |
| | | | 5600pF | ±10% | GMD033B11A562KA01# |
| | | | 6800pF | ±10% | GMD033B11A682KA01# |
| | | | 8200pF | ±10% | GMD033B11A822KA01# |
| | | | 10000pF | ±10% | GMD033B11A103KA01# |
| | 6.3Vdc | X5R | 56000pF | ±10% | GMD033R60J563KE11# |
| | | | 68000pF | ±10% | GMD033R60J683KE11# |
| | | | 82000pF | ±10% | GMD033R60J823KE11# |
| | | | 0.1µF | ±10% | GMD033R60J104KE11# |
| | | В | 56000pF | ±10% | GMD033B30J563KE11# |
| | | | 68000pF | ±10% | GMD033B30J683KE11# |
| | | | 82000pF | ±10% | GMD033B30J823KE11# |
| | | | 0.1µF | ±10% | GMD033B30J104KE11# |

■ 1.0×0.5mm

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number |
|-----------|------------------|------------|--------|------|--------------------|
| 0.55mm | 50Vdc | X7R | 220pF | ±10% | GMD155R71H221KA01# |
| | | | 270pF | ±10% | GMD155R71H271KA01# |
| | | | 330pF | ±10% | GMD155R71H331KA01# |
| | | | 390pF | ±10% | GMD155R71H391KA01# |
| | | | 470pF | ±10% | GMD155R71H471KA01# |
| | | | 560pF | ±10% | GMD155R71H561KA01# |
| | | | 680pF | ±10% | GMD155R71H681KA01# |
| | | | 820pF | ±10% | GMD155R71H821KA01# |
| | | | 1000pF | ±10% | GMD155R71H102KA01# |
| | | | 1200pF | ±10% | GMD155R71H122KA01# |
| | | | 1500pF | ±10% | GMD155R71H152KA01# |
| | | | 1800pF | ±10% | GMD155R71H182KA01# |
| | | | 2200pF | ±10% | GMD155R71H222KA01# |
| | | | 2700pF | ±10% | GMD155R71H272KA01# |
| | | | 3300pF | ±10% | GMD155R71H332KA01# |
| | | | 3900pF | ±10% | GMD155R71H392KA01# |
| | | | 4700pF | ±10% | GMD155R71H472KA01# |
| | | R | 220pF | ±10% | GMD155R11H221KA01# |

Part number # indicates the package specification code.



GMD033B11E681KA01#

GMD033B11E821KA01#

GMD033B11E102KA01#

GMD033B11E122KA01#

GMD033B11E152KA01#

GMD033R71C182KA11#

GMD033R71C222KA11#

GMD033R71C272KA11#

GMD033R71C332KA11# GMD033R11C182KA11#

GMD033R11C222KA11#

GMD033R11C272KA11#

116

For General Purpose GRM Series

Capacitor Array GNM Series

Low ESL LL□ Series

High-Q Type GJM Series

Product Information

Capacitor Array GNM Series

High-Q Type GJM Series

GMD Series High Dielectric Constant Type Part Number List

$\rightarrow \blacksquare 1.0 \times 0.5 \text{mm}$

| (→ ■ 1 | .0×0.5r | nm) | | | |
|-----------|------------------|------------|---------|------|--------------------|
| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number |
| 0.55mm | 50Vdc | R | 270pF | ±10% | GMD155R11H271KA01# |
| | | | 330pF | ±10% | GMD155R11H331KA01# |
| | | | 390pF | ±10% | GMD155R11H391KA01# |
| | | | 470pF | ±10% | GMD155R11H471KA01# |
| | | | 560pF | ±10% | GMD155R11H561KA01# |
| | | | 680pF | ±10% | GMD155R11H681KA01# |
| | | | 820pF | ±10% | GMD155R11H821KA01# |
| | | | 1000pF | ±10% | GMD155R11H102KA01# |
| | | | 1200pF | ±10% | GMD155R11H122KA01# |
| | | | 1500pF | ±10% | GMD155R11H152KA01# |
| | | | 1800pF | ±10% | GMD155R11H182KA01# |
| | | | 2200pF | ±10% | GMD155R11H222KA01# |
| | | | 2700pF | ±10% | GMD155R11H272KA01# |
| | | | 3300pF | ±10% | GMD155R11H332KA01# |
| | | | 3900pF | ±10% | GMD155R11H392KA01# |
| | | | 4700pF | ±10% | GMD155R11H472KA01# |
| | | В | 220pF | ±10% | GMD155B11H221KA01# |
| | | | 270pF | ±10% | GMD155B11H271KA01# |
| | | | 330pF | ±10% | GMD155B11H331KA01# |
| | | | 390pF | ±10% | GMD155B11H391KA01# |
| | | | 470pF | ±10% | GMD155B11H471KA01# |
| | | | 560pF | ±10% | GMD155B11H561KA01# |
| | | | 680pF | ±10% | GMD155B11H681KA01# |
| | | | 820pF | ±10% | GMD155B11H821KA01# |
| | | | 1000pF | ±10% | GMD155B11H102KA01# |
| | | | 1200pF | ±10% | GMD155B11H122KA01# |
| | | | 1500pF | ±10% | GMD155B11H152KA01# |
| | | | 1800pF | ±10% | GMD155B11H182KA01# |
| | | | 2200pF | ±10% | GMD155B11H222KA01# |
| | | | 2700pF | ±10% | GMD155B11H272KA01# |
| | | | 3300pF | ±10% | GMD155B11H332KA01# |
| | | | 3900pF | ±10% | GMD155B11H392KA01# |
| | | | 4700pF | ±10% | GMD155B11H472KA01# |
| | 25Vdc | X7R | 5600pF | ±10% | GMD155R71E562KA01# |
| | | | 6800pF | ±10% | GMD155R71E682KA01# |
| | | | 8200pF | ±10% | GMD155R71E822KA01# |
| | | | 10000pF | ±10% | GMD155R71E103KA01# |
| | | | 12000pF | ±10% | GMD155R71E123KA01# |
| | | | 15000pF | ±10% | GMD155R71E153KA01# |
| | | | 18000pF | ±10% | GMD155R71E183KA01# |
| | | | 22000pF | ±10% | GMD155R71E223KA01# |
| | | | 27000pF | ±10% | GMD155R71E273KA11# |
| | | | 33000pF | ±10% | GMD155R71E333KA11# |
| | | | 39000pF | ±10% | GMD155R71E393KA11# |
| | | | 47000pF | ±10% | GMD155R71E473KA11# |
| | | R | 5600pF | ±10% | GMD155R11E562KA01# |
| | | | 6800pF | ±10% | GMD155R11E682KA01# |
| | | | 8200pF | ±10% | GMD155R11E822KA01# |
| | | | 10000pF | ±10% | GMD155R11E103KA01# |
| | | | 12000pF | ±10% | GMD155R11E123KA01# |
| | | | 15000pF | ±10% | GMD155R11E153KA01# |
| | | | 18000pF | ±10% | GMD155R11E183KA01# |
| | | | 22000pF | ±10% | GMD155R11E223KA01# |
| | | | 27000pF | ±10% | GMD155R11E273KA11# |

| T max. | Rated Voltage | TC Code | Сар. | Tol. | Part Number | |
|-----------|------------------|------------|---------|------|--------------------|--|
| 0.55mm | 25Vdc | R | 33000pF | ±10% | GMD155R11E333KA11# | |
| | | | 39000pF | ±10% | GMD155R11E393KA11# | |
| | | | 47000pF | ±10% | GMD155R11E473KA11# | |
| | | В | 5600pF | ±10% | GMD155B11E562KA01# | |
| | | | 6800pF | ±10% | GMD155B11E682KA01# | |
| | | | 8200pF | ±10% | GMD155B11E822KA01# | |
| | | | 10000pF | ±10% | GMD155B11E103KA01# | |
| | | | 12000pF | ±10% | GMD155B11E123KA01# | |
| | | | 15000pF | ±10% | GMD155B11E153KA01# | |
| | | | 18000pF | ±10% | GMD155B11E183KA01# | |
| | | | 22000pF | ±10% | GMD155B11E223KA01# | |
| | | | 27000pF | ±10% | GMD155B31E273KA11# | |
| | | | 33000pF | ±10% | GMD155B31E333KA11# | |
| | | | 39000pF | ±10% | GMD155B31E393KA11# | |
| | | | 47000pF | ±10% | GMD155B31E473KA11# | |
| | 16Vdc | X7R | 56000pF | ±10% | GMD155R71C563KA11# | |
| | | | 68000pF | ±10% | GMD155R71C683KA11# | |
| | | | 82000pF | ±10% | GMD155R71C823KA11# | |
| | | | 0.1µF | ±10% | GMD155R71C104KA11# | |
| | | R | 56000pF | ±10% | GMD155R11C563KA11# | |
| | | | 68000pF | ±10% | GMD155R11C683KA11# | |
| | | | 82000pF | ±10% | GMD155R11C823KA11# | |
| | | | 0.1µF | ±10% | GMD155R11C104KA11# | |
| | | В | 56000pF | ±10% | GMD155B31C563KA11# | |
| | | | 68000pF | ±10% | GMD155B31C683KA11# | |
| | | | 82000pF | ±10% | GMD155B31C823KA11# | |
| | | | 0.1µF | ±10% | GMD155B31C104KA11# | |
| | 10Vdc | X5R | 0.12µF | ±10% | GMD155R61A124KE12# | |
| | | | 0.15µF | ±10% | GMD155R61A154KE12# | |
| | | | 0.18µF | ±10% | GMD155R61A184KE12# | |
| | | | 0.22µF | ±10% | GMD155R61A224KE12# | |
| | | | 0.27µF | ±10% | GMD155R61A274KE11# | |
| | | | 0.33µF | ±10% | GMD155R61A334KE11# | |
| | | | 0.39µF | ±10% | GMD155R61A394KE11# | |
| | | | 0.47µF | ±10% | GMD155R61A474KE11# | |
| | | В | 0.12µF | ±10% | GMD155B31A124KE12# | |
| | | | 0.15µF | ±10% | GMD155B31A154KE12# | |
| | | | 0.18µF | ±10% | GMD155B31A184KE12# | |
| | | | 0.22µF | ±10% | GMD155B31A224KE12# | |
| | | | 0.27µF | ±10% | GMD155B31A274KE11# | |
| | | | 0.33µF | ±10% | GMD155B31A334KE11# | |
| | | | 0.39µF | ±10% | GMD155B31A394KE11# | |
| | | | 0.47µF | ±10% | GMD155B31A474KE11# | |
| | | | | | | |



For General

⚠ Caution/Notice

⚠Caution

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⚠Caution

■ Storage and Operation Conditions

- 1. The performance of chip monolithic ceramic capacitors may be affected by the storage conditions.
 - 1-1. Store capacitors in the following conditions: Temperature of +5°C to +40°C and a Relative Humidity of 20% to 70%.
 - (1) Sunlight, dust, rapid temperature changes, corrosive gas atmosphere or high temperature and humidity conditions during storage may affect solderability and packaging performance. Please use product within six months of receipt.
 - (2) Please confirm solderability before using after six months. Store the capacitors without opening the original bag. Even if the storage period is short, do not exceed the specified atmospheric conditions.
- 1-2. Corrosive gas can react with the termination (external) electrodes or lead wires of capacitors, and result in poor solderability. Do not store the capacitors in an atmosphere consisting of corrosive gas (e.g., hydrogen sulfide, sulfur dioxide, chlorine, ammonia gas, etc.).
- 1-3. Due to moisture condensation caused by rapid humidity changes, or the photochemical change caused by direct sunlight on the terminal electrodes and/or the resin/epoxy coatings, the solderability and electrical performance may deteriorate. Do not store capacitors under direct sunlight or in high humidity conditions.

■ Rating

1. Temperature Dependent Characteristics

- 1. The electrical characteristics of the capacitor can change with temperature.
 - 1-1. For capacitors having larger temperature dependency, the capacitance may change with temperature changes.

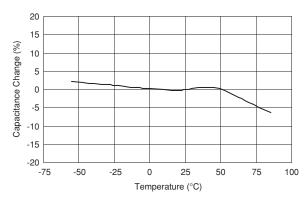
The following actions are recommended in order to ensure suitable capacitance values.

(1) Select a suitable capacitance for the operating temperature range.

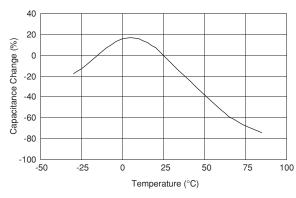
(2) The capacitance may change within the rated temperature.

When you use a high dielectric constant type capacitor in a circuit that needs a tight (narrow) capacitance tolerance (e.g., a time-constant circuit), please carefully consider the characteristics of these capacitors, such as their aging, voltage, and temperature characteristics. In addition, check capacitors using your actual appliances at the intended environment and operating conditions.

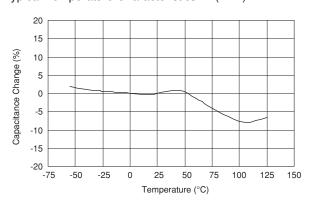
Typical Temperature Characteristics R6(X5R)



Typical Temperature Characteristics F5(Y5V)



Typical Temperature Characteristics R7(X7R)





Continued from the preceding page.

2. Measurement of Capacitance

- 1. Measure capacitance with the voltage and the frequency specified in the product specifications.
 - 1-1. The output voltage of the measuring equipment may decrease occasionally when capacitance is high. Please confirm whether a prescribed measured voltage is impressed to the capacitor.
- 1-2. The capacitance values of high dielectric constant type capacitors change depending on the AC voltage applied. Please consider the AC voltage characteristics when selecting a capacitor to be used in an AC circuit.

3. Applied Voltage

- 1. Do not apply a voltage to the capacitor that exceeds the rated voltage as called out in the specifications.
 - 1-1. Applied voltage between the terminals of a capacitor shall be less than or equal to the rated voltage.
 - (1) When AC voltage is superimposed on DC voltage, the zero-to-peak voltage shall not exceed the rated DC voltage. When AC voltage or pulse voltage is applied, the
 - peak-to-peak voltage shall not exceed the rated DC voltage.
 - (2) Abnormal voltages (surge voltage, static electricity, pulse voltage, etc.) shall not exceed the rated DC voltage.

Typical Voltage Applied to the DC Capacitor

| DC Voltage | DC Voltage+AC | AC Voltage | Pulse Voltage |
|------------|---------------|------------|---------------|
| E | E O | E 0 | E |

(E: Maximum possible applied voltage.)

1-2. Influence of overvoltage

Overvoltage that is applied to the capacitor may result in an electrical short circuit caused by the breakdown of the internal dielectric layers. The time duration until breakdown depends on the applied voltage and the ambient temperature.

4. Applied Voltage and Self-heating Temperature

- 1. When the capacitor is used in a high-frequency voltage, pulse voltage, application, be sure to take into account self-heating may be caused by resistant factors of the capacitor.
 - 1-1. The load should be contained to the level such that when measuring at atmospheric temperature of 25°C, the product's self-heating remains below 20°C and surface temperature of the capacitor in the actual circuit remains within the maximum operating temperature.



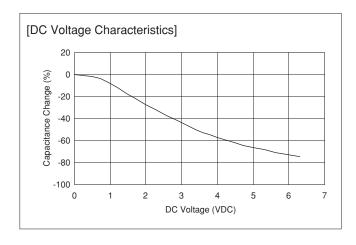


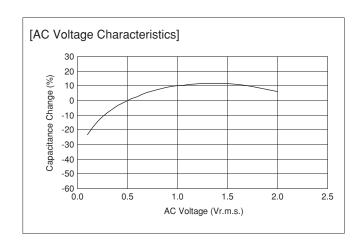
⚠Caution

Continued from the preceding page.

5. DC Voltage and AC Voltage Characteristics

- 1. The capacitance value of a high dielectric constant type capacitor changes depending on the DC voltage applied. Please consider the DC voltage characteristics when a capacitor is selected for use in a DC circuit.
 - 1-1. The capacitance of ceramic capacitors may change sharply depending on the applied voltage (see
 - Please confirm the following in order to secure the capacitance.
 - (1) Determine whether the capacitance change caused by the applied voltage is within the allowed range.
 - (2) In the DC voltage characteristics, the rate of capacitance change becomes larger as voltage increases, even if the applied voltage is below the rated voltage. When a high dielectric constant type capacitor is in a circuit that needs a tight (narrow) capacitance tolerance (e.g., a timeconstant circuit), please carefully consider the characteristics of these capacitors, such as their aging, voltage, and temperature characteristics. In addition, check capacitors using your actual appliances at the intended environment and operating conditions.
- 2. The capacitance values of high dielectric constant type capacitors change depending on the AC voltage applied. Please consider the AC voltage characteristics when selecting a capacitor to be used in an AC circuit.

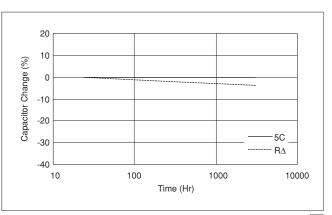




6. Capacitance Aging

1. The high dielectric constant type capacitors have the characteristic in which the capacitance value decreases with the passage of time.

When you use a high dielectric constant type capacitors in a circuit that needs a tight (narrow) capacitance tolerance (e.g., a time-constant circuit), please carefully consider the characteristics of these capacitors, such as their aging, voltage, and temperature characteristics. In addition, check capacitors using your actual appliances at the intended environment and operating conditions.



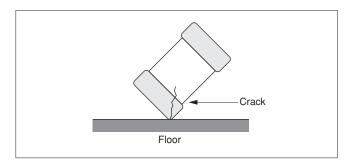


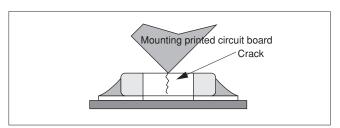
Low ESL LL□ Series

Continued from the preceding page.

7. Vibration and Shock

- 1. Please confirm the kind of vibration and/or shock, its condition, and any generation of resonance. Please mount the capacitor so as not to generate resonance, and do not allow any impact on the terminals.
- 2. Mechanical shock due to being dropped may cause damage or a crack in the dielectric material of the capacitor.
 - Do not use a dropped capacitor because the quality and reliability may be deteriorated.
- 3. When printed circuit boards are piled up or handled, the corner of another printed circuit board should not be allowed to hit the capacitor, in order to avoid a crack or other damage to the capacitor.

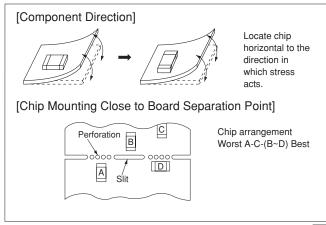




■ Soldering and Mounting

1. Mounting Position

- 1. Confirm the best mounting position and direction that minimizes the stress imposed on the capacitor during flexing or bending the printed circuit board.
 - 1-1. Choose a mounting position that minimizes the stress imposed on the chip during flexing or bending of the board.





⚠Caution

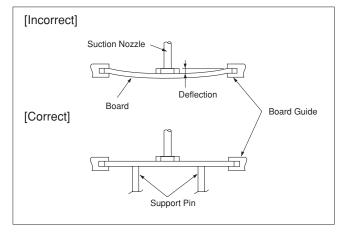
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2. Information before Mounting

- 1. Do not reuse capacitors that were removed from the equipment.
- 2. Confirm capacitance characteristics under actual applied voltage.
- 3. Confirm the mechanical stress under actual process and equipment use.
- 4. Confirm the rated capacitance, rated voltage and other electrical characteristics before assembly.
- 5. Prior to use, confirm the solderability of capacitors that were in long-term storage.
- 6. Prior to measuring capacitance, carry out a heat treatment for capacitors that were in long-term storage.
- 7. The use of Sn-Zn based solder will deteriorate the reliability of the MLCC.
 - Please contact our sales representative or product engineers on the use of Sn-Zn based solder in advance.

3. Maintenance of the Mounting (pick and place) Machine

- 1. Make sure that the following excessive forces are not applied to the capacitors.
 - 1-1. In mounting the capacitors on the printed circuit board, any bending force against them shall be kept to a minimum to prevent them from any bending damage or cracking. Please take into account the following precautions and recommendations for use in your process.
 - (1) Adjust the lowest position of the pickup nozzle so as not to bend the printed circuit board.
 - (2) Adjust the nozzle pressure within a static load of 1N to 3N during mounting.
- 2. Dirt particles and dust accumulated between the suction nozzle and the cylinder inner wall prevent the nozzle from moving smoothly. This imposes greater force upon the chip during mounting, causing cracked chips. Also, the locating claw, when worn out, imposes uneven forces on the chip when positioning, causing cracked chips. The suction nozzle and the locating claw must be maintained, checked and replaced periodically.



Continued on the following page.





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4-1. Reflow Soldering

- 1. When sudden heat is applied to the components, the mechanical strength of the components will decrease because a sudden temperature change causes deformation inside the components. In order to prevent mechanical damage to the components, preheating is required for both the components and the PCB board. Preheating conditions are shown in table 1. It is required to keep the temperature differential between the solder and the component's surface (ΔT) as small as possible.
- 2. Solderability of tin plating termination chips might be deteriorated when a low temperature soldering profile where the peak solder temperature is below the melting point of tin is used. Please confirm the solderability of tin plated termination chips before use.
- 3. When components are immersed in solvent after mounting, be sure to maintain the temperature difference (ΔT) between the component and the solvent within the range shown in the table 1.

Table 1

| Part Number | Temperature Differential | |
|----------------------|--------------------------|--|
| GRM02/03/15/18/21/31 | | |
| GJM02/03/15 | | |
| LLL15/18/21/31 | ΔT≦190°C | |
| LLR18 | | |
| GQM18/21 | | |
| GRM32/43/55 | | |
| LLA18/21/31 | | |
| LLM21/31 | ΔT≦130°C | |
| GNM | | |
| GQM22 | | |

Recommended Conditions

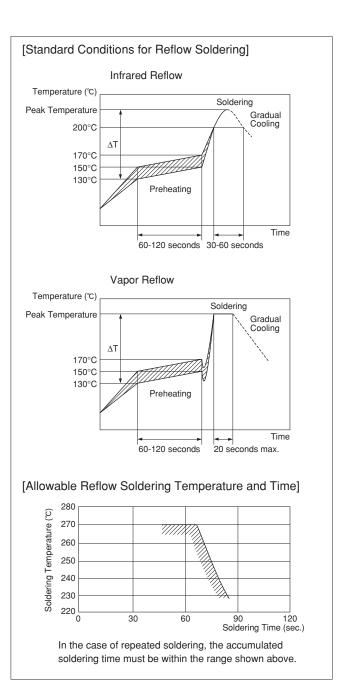
| | Pb-Sn S | Lead Free Solder | |
|------------------|------------------------------|------------------|--------------|
| | Infrared Reflow Vapor Reflow | | |
| Peak Temperature | 230 to 250°C | 230 to 240°C | 240 to 260°C |
| Atmosphere | Air | Air | Air or N2 |

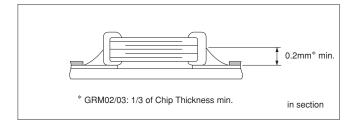
Pb-Sn Solder: Sn-37Pb Lead Free Solder: Sn-3.0Ag-0.5Cu

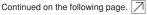
- 4. Optimum Solder Amount for Reflow Soldering
 - 4-1. Overly thick application of solder paste results in a excessive solder fillet height.
 - This makes the chip more susceptible to mechanical and thermal stress on the board and may cause the chips to crack.
 - 4-2. Too little solder paste results in a lack of adhesive strength on the outer electrode, which may result in chips breaking loose from the PCB.
 - 4-3. Make sure the solder has been applied smoothly to the end surface to a height of 0.2mm* min.

Inverting the PCB

Make sure not to impose any abnormal mechanical shocks to the PCB.









⚠Caution

Continued from the preceding page.

4-2. Flow Soldering

- 1. When sudden heat is applied to the components, the mechanical strength of the components will decrease because a sudden temperature change causes deformation inside the components. In order to prevent mechanical damage in the components, preheating should be required for both of the components and the PCB board.
 - Preheating conditions are shown in table 2. It is required to keep the temperature differential between the solder and the component's surface (ΔT) as small as possible.
- 2. Excessively long soldering time or high soldering temperature can result in leaching of the outer electrodes, causing poor adhesion or a reduction in capacitance value due to loss of contact between electrodes and end termination.
- 3. When components are immersed in solvent after mounting, be sure to maintain the temperature difference (ΔT) between the component and solvent within the range shown in the table 2.
- 4. Do not apply flow soldering to chips not listed in table 2.

Table 2

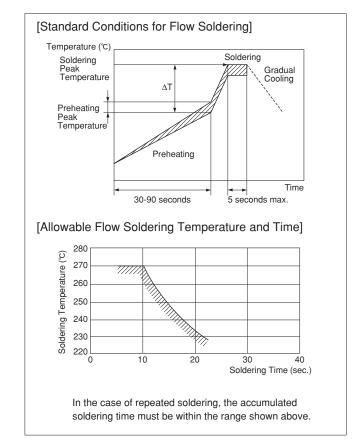
| Part Number | Temperature Differential | | |
|-------------|--------------------------|--|--|
| GRM18/21/31 | | | |
| LLL21/31 | ΔT≦150°C | | |
| GQM18/21 | | | |

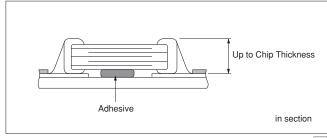
Recommended Conditions

| | Pb-Sn Solder | Lead Free Solder |
|-----------------------------|--------------|------------------|
| Preheating Peak Temperature | 90 to 110°C | 100 to 120°C |
| Soldering Peak Temperature | 240 to 250°C | 250 to 260°C |
| Atmosphere | Air | N ₂ |

Pb-Sn Solder: Sn-37Pb Lead Free Solder: Sn-3.0Ag-0.5Cu

- 5. Optimum Solder Amount for Flow Soldering
 - 5-1. The top of the solder fillet should be lower than the thickness of components. If the solder amount is excessive, the risk of cracking is higher during board bending or any other stressful condition.







Continued from the preceding page.

4-3. Correction with a Soldering Iron

- 1. When sudden heat is applied to the components when using a soldering iron, the mechanical strength of the components will decrease because the extreme temperature change can cause deformations inside the components. In order to prevent mechanical damage to the components, preheating is required for both the components and the PCB board. Preheating conditions (The "Temperature of the Soldering Iron Tip", "Preheating Temperature," "Temperature Differential" between the iron tip and the components and the PCB), should be within the conditions of table 3. It is required to keep the temperature differential between the soldering iron and the component surfaces (ΔT) as small as possible.
- 2. After soldering, do not allow the component/PCB to cool down rapidly.
- 3. The operating time for the re-working should be as short as possible. When re-working time is too long, it may cause solder leaching, in turn causing a reduction in the adhesive strength of the terminations.
- 4. Optimum solder amount when re-working with a soldering
 - 4-1. For sizes smaller than 0603, (GRM03/15/18, GJM03/15, GQM18), the top of the solder fillet should be lower than 2/3 of the thickness of the component or 0.5mm whichever is smaller. For 0805 and larger sizes, (GRM21/31/32/43/55, GQM21/22), the top of the solder fillet should be lower than 2/3 of the thickness of the component. If the solder amount is excessive, the risk of cracking is higher during board bending or under any other stressful condition.
 - 4-2. A soldering iron with a tip of ø3mm or smaller should be used. It is also necessary to keep the soldering iron from touching the components during the re-work.
 - 4-3. Solder wire with Ø0.5mm or smaller is required for soldering.

4-4. Leaded Component Insertion

1. If the PCB is flexed when leaded components (such as transformers and ICs) are being mounted, chips may crack and solder joints may break. Before mounting leaded components, support the PCB using backup pins or special jigs to prevent warping.

5. Washing

Excessive ultrasonic oscillation during cleaning can cause the PCBs to resonate, resulting in cracked chips or broken solder joints. Take note not to vibrate PCBs.

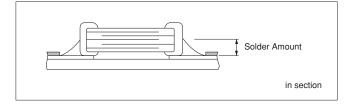
Table 3

| 14510 0 | | | | | |
|-------------------|-----------------------------------|---------------------------|-------------------------------------|------------|--|
| Part Number | Temperature of Soldering Iron Tip | Preheating Temperature | Temperature Differential (∆T) | Atmosphere | |
| GRM03/15/18/21/31 | | | | | |
| GJM03/15 | 350°C max. | 150°C min. | ΔT≦190°C | Air | |
| GQM18/21 | | | | | |
| GRM32/43/55 | 280°C max. | 150°C min | ^T<130°C | Air | |
| GQM22 | Zou Ciliax. | 150 C IIIII. | ∆1⊇130 C | All | |

*Applicable for both Pb-Sn and Lead Free Solder.

Pb-Sn Solder: Sn-37Pb

Lead Free Solder: Sn-3.0Ag-0.5Cu



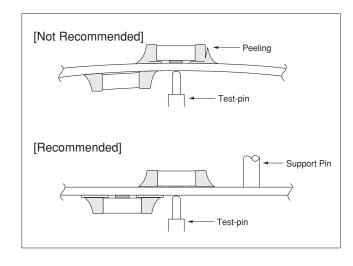


⚠Caution

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6. Electrical Test on Printed Circuit Board

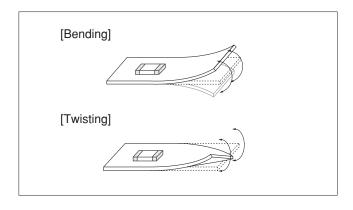
- Confirm position of the support pin or specific jig, when inspecting the electrical performance of a capacitor after mounting on the printed circuit board.
 - 1-1. Avoid bending the printed circuit board by the pressure of a test pin, etc.
 - The thrusting force of the test probe can flex the PCB, resulting in cracked chips or open solder joints. Provide support pins on the back side of the PCB to prevent warping or flexing.
 - 1-2. Avoid vibration of the board by shock when a test pin contacts a printed circuit board.



7. Printed Circuit Board Cropping

- After mounting a capacitor on a printed circuit board, do not apply any stress to the capacitor that is caused by bending or twisting the board.
 - 1-1. In cropping the board, the stress as shown at right may cause the capacitor to crack.

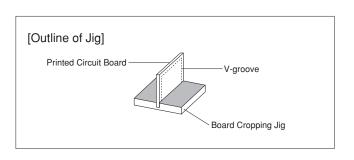
Try not to apply this type of stress to a capacitor.



- 2. Ascertain of the cropping method for the printed circuit board in advance.
 - 2-1. Printed circuit board cropping shall be carried out by using a jig or an apparatus to prevent the mechanical stress that can occur to the board.
 - (1) Example of a suitable jig

Recommended example: the board should be pushed as close to the cropping jig as possible and from the back side of board in order to minimize the compressive stress applied to the capacitor.

Not recommended example: when the board is pushed at a point far from the cropping jig and from the front side of board as below, the capacitor may form a crack caused by the tensile stress applied to capacitor.



| Recommended | Not recommended |
|--|--|
| Printed Circuit Board — Components Load Point | Load Point Direction of Load Printed Circuit Board Components |



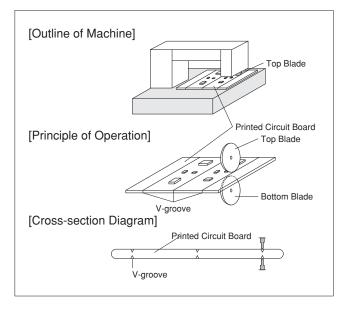
⚠Caution

Continued from the preceding page.

(2) Example of a suitable machine

An outline of a printed circuit board cropping machine is shown as follows. Along the lines with the V-grooves on the printed circuit board, the top and bottom blades are aligned to one another when cropping the board.

The misalignment of the position between top and bottom blades may cause the capacitor to crack.



| Recommended | | Not Recommended | | | | | |
|-------------|--------------|-------------------------|--------------|-------------------------|--------------|-------------------------|--------------|
| | | Top-bottom Misalignment | | Left-right Misalignment | | Front-rear Misalignment | |
| | Top Blade | | Top Blade | | Top Blade | | Top Blade |
| | Bottom Blade | | Bottom Blade | | Bottom Blade | | Bottom Blade |

■ Others

- 1. Under Operation of Equipment
 - 1-1. Do not touch a capacitor directly with bare hands during operation in order to avoid the danger of an electric shock.
 - 1-2. Do not allow the terminals of a capacitor to come in contact with any conductive objects (short-circuit). Do not expose a capacitor to a conductive liquid, including any acid or alkali solutions.
 - 1-3. Confirm the environment in which the equipment will operate is under the specified conditions. Do not use the equipment under the following environments.
 - (1) Being spattered with water or oil.
 - (2) Being exposed to direct sunlight.
 - (3) Being exposed to Ozone, ultraviolet rays or radiation.
 - (4) Being exposed to toxic gas (e.g., hydrogen sulfide, sulfur dioxide, chlorine, ammonia gas, etc.)
 - (5) Any vibrations or mechanical shocks exceeding the specified limits.
 - (6) Moisture condensing environments.
 - 1-4. Use damp proof countermeasures if using under any conditions that can cause condensation.
- 2. Others
 - 2-1. In an Emergency
 - (1) If the equipment should generate smoke, fire or smell, immediately turn off or unplug the equipment.

- If the equipment is not turned off or unplugged, the hazards may be worsened by supplying continuous power.
- (2) In this type of situation, do not allow face and hands to come in contact with the capacitor or burns may be caused by the capacitor's high temperature.
- 2-2. Disposal of Waste

When capacitors are disposed, they must be burned or buried by an industrial waste vendor with the appropriate licenses.

- 2-3. Circuit Design
 - GRM, GCM, GMA/D, LLL/A/M, GQM, GJM, GNM Series capacitors in this catalog are not safety certified products.
- 2-4. Remarks

Failure to follow the cautions may result, worst case, in a short circuit and smoking when the product is used.

The above notices are for standard applications and conditions. Contact us when the products are used in special mounting conditions.

Select optimum conditions for operation as they determine the reliability of the product after assembly. The data herein are given in typical values, not guaranteed ratings.



Notice

Rating

- 1. Operating Temperature
 - 1. The operating temperature limit depends on the capacitor.
 - 1-1. Do not apply temperatures exceeding the upper operating temperature.
 - It is necessary to select a capacitor with a suitable rated temperature that will cover the operating temperature range.
 - It is also necessary to consider the temperature distribution in equipment and the seasonal temperature variable factor.
 - 1-2. Consider the self-heating factor of the capacitor. The surface temperature of the capacitor shall be the upper operating temperature or less when including the self-heating factors.
- 2. Atmosphere Surroundings (gaseous and liquid)

■ Soldering and Mounting

- 1. Restriction on the operating environment of capacitors.
 - 1-1. Capacitors, when used in the above, unsuitable,

- operating environments may deteriorate due to the corrosion of the terminations and the penetration of moisture into the capacitor.
- 1-2. The same phenomenon as the above may occur when the electrodes or terminals of the capacitor are subject to moisture condensation.
- 1-3. The deterioration of characteristics and insulation resistance due to the oxidization or corrosion of terminal electrodes may result in breakdown when the capacitor is exposed to corrosive or volatile gases or solvents for long periods of time.
- 3. Piezo-electric Phenomenon
 - When using high dielectric constant type capacitors in AC or pulse circuits, the capacitor itself vibrates at specific frequencies and noise may be generated. Moreover, when the mechanical vibration or shock is added to the capacitor, noise may occur.
- 1. PCB Design
 1. Notice for Pattern Forms
 1-1. Unlike leaded components, chip components are
 1-2. There is a possibility of chi
 expansion/contraction with
 - mounted directly on the substrate.

 They are also more sensitive to mechanical and thermal stresses than leaded components.

 Excess solder fillet height can multiply these stresses and cause chip cracking. When designing substrates, take land patterns and dimensions into consideration to eliminate the possibility of excess solder fillet

susceptible to flexing stresses since they are

1-2. There is a possibility of chip crack caused by PCB expansion/contraction with heat. Because stress for chip is different depend on PCB material and structure. Especially metal PCB such as alumina has a greater risk of chip crack because of large difference of thermal expansion coefficient. In case of chip below 0402 size, there is also the same possibility of crack with a single-layered glass epoxy board.

Pattern Forms

height.

| | Prohibited | Correct |
|---|---|---------------|
| Placing Close to Chassis | Chassis Solder (ground) Electrode Pattern | Solder Resist |
| Placing of Chip Components and Leaded Components | Lead Wire | Solder Resist |
| Placing of Leaded Components after Chip Component | Soldering Iron Lead Wire | Solder Resist |
| Lateral Mounting | | Solder Resist |





Low ESL LL□ Series

Notice

Continued from the preceding page.

2. Land Dimensions

2-1. A chip capacitor can be cracked due to the stress of PCB bending, etc. if the land area is larger than needed and has an excess amount of solder.

Please refer to the land dimensions in table 1 for flow soldering, table 2 for reflow soldering, table 3 for GNM & LLA, and table 4 for LLM.

Please confirm the suitable land dimension by evaluating the actual SET / PCB.

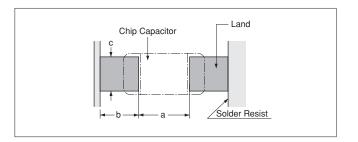


Table 1 Flow Soldering Method

| Dimensions Part Number | Chip (L×W) | а | b | С |
|---------------------------|------------|------------|------------|------------|
| GRM18 GQM18 | 1.6×0.8 | 0.6 to 1.0 | 0.8 to 0.9 | 0.6 to 0.8 |
| GRM21 GQM21 | 2.0×1.25 | 1.0 to 1.2 | 0.9 to 1.0 | 0.8 to 1.1 |
| GRM31 | 3.2×1.6 | 2.2 to 2.6 | 1.0 to 1.1 | 1.0 to 1.4 |
| LLL21 | 1.25×2.0 | 0.4 to 0.7 | 0.5 to 0.7 | 1.4 to 1.8 |
| LLL31 | 1.6×3.2 | 0.6 to 1.0 | 0.8 to 0.9 | 2.6 to 2.8 |

(in mm)

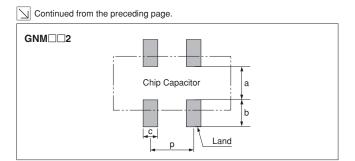
Table 2 Reflow Soldering Method

| Dimensions Part Number | Chip (L×W) | a | b | С |
|---------------------------|------------------------|-------------|--------------|-------------|
| GRM02 GJM02 | 0.4×0.2 | 0.16 to 0.2 | 0.12 to 0.18 | 0.2 to 0.23 |
| GRM03 GJM03 | 0.6×0.3 | 0.2 to 0.3 | 0.2 to 0.35 | 0.2 to 0.4 |
| GRM15 | 1.0×0.5 (within ±0.10) | 0.3 to 0.5 | 0.35 to 0.45 | 0.4 to 0.6 |
| GJM15 | 1.0×0.5 (±0.15/±0.20) | 0.4 to 0.6 | 0.40 to 0.50 | 0.5 to 0.7 |
| GRM18 | 1.6×0.8 (within ±0.10) | 0.6 to 0.8 | 0.6 to 0.7 | 0.6 to 0.8 |
| GQM18 | 1.6×0.8 (±0.15/±0.20) | 0.7 to 0.9 | 0.7 to 0.8 | 0.8 to 1.0 |
| GQM21 | 2.0×1.25 | 1.0 to 1.2 | 0.6 to 0.7 | 0.8 to 1.1 |
| | 2.0×1.25 (within ±1.0) | 1.2 | 0.6 | 1.25 |
| GRM21 | 2.0×1.25 (±0.15) | 1.2 | 0.6 to 0.8 | 1.2 to 1.4 |
| | 2.0×1.25 (±0.20) | 1.0 to 1.4 | 0.6 to 0.8 | 1.2 to 1.4 |
| OPMO | 3.2×1.6 (within ±0.20) | 1.8 to 2.0 | 0.9 to 1.2 | 1.5 to 1.7 |
| GRM31 | 3.2×1.6 (±0.30) | 1.9 to 2.1 | 1.0 to 1.3 | 1.7 to 1.9 |
| GRM32 | 3.2×2.5 | 2.0 to 2.4 | 1.0 to 1.2 | 1.8 to 2.3 |
| GRM43 | 4.5×3.2 | 3.0 to 3.5 | 1.2 to 1.4 | 2.3 to 3.0 |
| GRM55 | 5.7×5.0 | 4.0 to 4.6 | 1.4 to 1.6 | 3.5 to 4.8 |
| LLL15 | 0.5×1.0 | 0.15 to 0.2 | 0.2 to 0.25 | 0.7 to 1.0 |
| LLL18 LLR18 | 0.8×1.6 | 0.2 to 0.3 | 0.3 to 0.4 | 1.4 to 1.6 |
| LLL21 | 1.25×2.0 | 0.4 to 0.6 | 0.4 to 0.5 | 1.4 to 1.8 |
| LLL31 | 1.6×3.2 | 0.6 to 0.8 | 0.6 to 0.7 | 2.6 to 2.8 |
| GQM22 | 2.8×2.8 | 2.2 to 2.5 | 0.8 to 1.0 | 1.9 to 2.3 |

(in mm



Notice



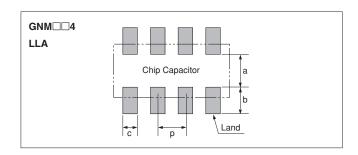


Table 3 GNM, LLA Series for Reflow Soldering Land Dimensions

| Part Number | | | Dimensions (mm) | | | | |
|-------------|------|------|-----------------|---------------|--------------|------|--|
| Fait Number | L | W | a | b | С | р | |
| GNM0M2 | 0.9 | 0.6 | 0.12 to 0.20* | 0.35 to 0.40* | 0.3 | 0.45 | |
| GNM1M2 | 1.37 | 1.0 | 0.4 to 0.5 | 0.35 to 0.45 | 0.3 to 0.35 | 0.64 | |
| GNM212 | 2.0 | 1.25 | 0.6 to 0.7 | 0.5 to 0.7 | 0.4 to 0.5 | 1.0 | |
| GNM214 | 2.0 | 1.25 | 0.6 to 0.7 | 0.5 to 0.7 | 0.25 to 0.35 | 0.5 | |
| GNM314 | 3.2 | 1.6 | 0.8 to 1.0 | 0.7 to 0.9 | 0.3 to 0.4 | 0.8 | |
| LLA18 | 1.6 | 0.8 | 0.3 to 0.4 | 0.25 to 0.35 | 0.15 to 0.25 | 0.4 | |
| LLA21 | 2.0 | 1.25 | 0.5 to 0.7 | 0.35 to 0.6 | 0.2 to 0.3 | 0.5 | |
| LLA31 | 3.2 | 1.6 | 0.7 to 0.9 | 0.4 to 0.7 | 0.3 to 0.4 | 0.8 | |

* 0.82≦a+2b≦1.00

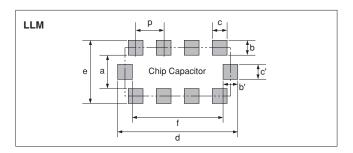


Table 4 LLM Series for Reflow Soldering Land Dimensions

| Part Number | Dimensions (mm) | | | | | | | |
|-------------|-----------------|--------------|-------|------------|------------|------------|-----|--|
| Fait Number | а | b, b' | c, c' | d | е | f | р | |
| LLM21 | 0.6 to 0.8 | (0.3 to 0.5) | 0.3 | 2.0 to 2.6 | 1.3 to 1.8 | 1.4 to 1.6 | 0.5 | |
| LLM31 | 1.0 | (0.3 to 0.5) | 0.4 | 3.2 to 3.6 | 1.6 to 2.0 | 2.6 | 0.8 | |

b=(c-e)/2, b'=(d-f)/2

2. Adhesive Application

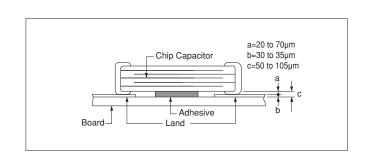
 Thin or insufficient adhesive can cause the chips to loosen or become disconnected during flow soldering.
 The amount of adhesive must be more than dimension c, shown in the drawing at right, to obtain the correct bonding strength.

The chip's electrode thickness and land thickness must also be taken into consideration.

- Low viscosity adhesive can cause chips to slip after mounting. The adhesive must have a viscosity of 5000Pa · s (500ps) min. (at 25°C).
- 3. Adhesive Coverage

| Part Number | Adhesive Coverage* |
|---------------------|--------------------|
| GRM18, GQM18 | 0.05mg min. |
| GRM21, LLL21, GQM21 | 0.1mg min. |
| GRM31, LLL31 | 0.15mg min. |

*Nominal Value



Low ESL LL□ Series

Notice

Continued from the preceding page.

3. Adhesive Curing

1. Insufficient curing of the adhesive can cause chips to disconnect during flow soldering and deterioration in the insulation resistance between the outer electrodes due to moisture absorption.

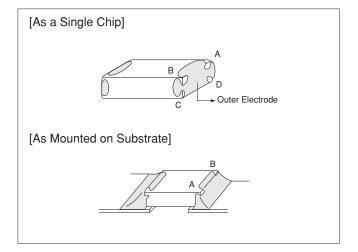
Control curing temperature and time in order to prevent insufficient hardening.

4. Flux Application

- 1. An excessive amount of flux generates a large quantity of flux gas, which can cause a deterioration of solderability, so apply flux thinly and evenly throughout. (A foaming system is generally used for flow soldering.)
- 2. Flux containing too high a percentage of halide may cause corrosion of the outer electrodes unless there is sufficient cleaning. Use flux with a halide content of 0.2%
- 3. Do not use strong acidic flux.
- 4. Do not use water-soluble *flux. (*Water-soluble flux can be defined as non-rosin type flux including wash-type flux and non-wash-type flux.)

5. Flow Soldering

 Set temperature and time to ensure that leaching of the outer electrode does not exceed 25% of the chip end area as a single chip (full length of the edge A-B-C-D shown at right) and 25% of the length A-B shown as mounted on substrate.



6. Washing

- 1. Please evaluate a capacitor using actual cleaning equipment and conditions to confirm the quality and select the applicable solvent.
- 2. Unsuitable cleaning solvent may leave residual flux or other foreign substances, causing deterioration of electrical characteristics and the reliability of the capacitors.
- 3. Select the proper cleaning conditions.
 - 3-1. Improper cleaning conditions (excessive or insufficient) may result in the deterioration of the performance of the capacitors.





Notice

Continued from the preceding page.

7. Coating

1. A crack may be caused in the capacitor due to the stress of the thermal contraction of the resin during curing

The stress is affected by the amount of resin and curing contraction.

Select a resin with low curing contraction.

The difference in the thermal expansion coefficient between a coating resin or a molding resin and the capacitor may cause the destruction and deterioration of the capacitor such as a crack or peeling, and lead to the deterioration of insulation resistance or dielectric breakdown.

Select a resin for which the thermal expansion coefficient is as close to that of the capacitor as possible.

A silicone resin can be used as an under-coating to buffer against the stress.

2. Select a resin that is less hygroscopic.

Using hygroscopic resins under high humidity conditions may cause the deterioration of the insulation resistance of a capacitor.

An epoxy resin can be used as a less hygroscopic resin.

8. Die Bonding/Wire Bonding (GMA or GMD Series)

- 1. Die Bonding of Capacitors
 - Use the following materials for the Brazing alloys: Au-Sn (80/20) 300 to 320 °C in N2 atmosphere
 - Mounting
 - (1) Control the temperature of the substrate so it matches the temperature of the brazing alloy.
 - (2) Place the brazing alloy on the substrate and place the capacitor on the alloy. Hold the capacitor and gently apply the load. Be sure to complete the operation within 1 minute.

2. Wire Bonding

• Wire

Gold wire: 25 micro m (0.001 inch) diameter

- Bonding
 - (1) Thermo compression, ultrasonic ball bonding.
 - (2) Required stage temperature: 150 to 200 °C
 - (3) Required wedge or capillary weight: 0.2N to 0.5N
 - (4) Bond the capacitor and base substrate or other devices with gold wire.

Others

- 1. Transportation
 - 1. The performance of a capacitor may be affected by the conditions during transportation.
 - 1-1. The capacitors shall be protected against excessive temperature, humidity and mechanical force during transportation.
 - (1) Climatic condition
 - low air temperature: -40°C
 - change of temperature air/air: -25°C/+25°C
 - · low air pressure: 30 kPa
 - change of air pressure: 6 kPa/min.
 - (2) Mechanical condition

Transportation shall be done in such a way that the boxes are not deformed and forces are not directly passed on to the inner packaging.

- 1-2. Do not apply excessive vibration, shock, and pressure to the capacitor.
 - (1) When excessive mechanical shock or pressure is applied to a capacitor, chipping or cracking may occur in the ceramic body of the capacitor.
 - (2) When the sharp edge of an air driver, a soldering iron, tweezers, a chassis, etc. impacts strongly on the surface of the capacitor, the capacitor may crack and short-circuit.
- 1-3. Do not use a capacitor to which excessive shock was applied by dropping, etc. A capacitor dropped accidentally during processing may be damaged.



MEMO

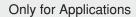


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Chip Monolithic Ceramic Capacitors (Medium Voltage)

Temperature Compensating Type GRM Series (250Vdc min.)

Features

- 1. Low-loss and suitable for high frequency circuits
- 2. Murata's original internal electrode structure provides high flash-over voltage.
- A new monolithic structure for small, surfacemountable devices capable of operating at high voltage levels
- 4. Sn-plated external electrodes provides good solderability.
- 5. Use the GRM21/31 type with flow or reflow soldering, and other types with reflow soldering only.

Applications

Ideal for use on high frequency pulse circuits such as snubber circuits for switching power supplies, DC-DC converters, ballasts (inverter fluorescent lamps), etc.

Do not use these products in any Automotive Power train or Safety equipment including Battery chargers for Electric Vehicles and Plug-in Hybrids. Only Murata products clearly stipulated as "for Automotive use" can be used for automobile applications such as Power train and Safety equipment.

C0G Characteristics

| Part Number | Rated Voltage | TC Code (Standard) | Capacitance | Length L (mm) | Width W (mm) | Thickness T max. (mm) | Electrode g min. | Electrode e |
|--------------------|---------------|-----------------------|-------------|------------------|-----------------|-----------------------------|------------------|-------------|
| GRM21A5C2E100JW01D | 250Vdc | C0G (EIA) | 10pF±5% | 2 | 1.25 | 1 | 0.7mm | 0.3mm min. |
| GRM21A5C2E120JW01D | 250Vdc | C0G (EIA) | 12pF±5% | 2 | 1.25 | 1 | 0.7mm | 0.3mm min. |
| GRM21A5C2E150JW01D | 250Vdc | C0G (EIA) | 15pF±5% | 2 | 1.25 | 1 | 0.7mm | 0.3mm min. |
| GRM21A5C2E180JW01D | 250Vdc | C0G (EIA) | 18pF±5% | 2 | 1.25 | 1 | 0.7mm | 0.3mm min. |
| GRM21A5C2E220JW01D | 250Vdc | C0G (EIA) | 22pF±5% | 2 | 1.25 | 1 | 0.7mm | 0.3mm min. |
| GRM21A5C2E270JW01D | 250Vdc | C0G (EIA) | 27pF±5% | 2 | 1.25 | 1 | 0.7mm | 0.3mm min. |
| GRM21A5C2E330JW01D | 250Vdc | C0G (EIA) | 33pF±5% | 2 | 1.25 | 1 | 0.7mm | 0.3mm min. |
| GRM21A5C2E390JW01D | 250Vdc | C0G (EIA) | 39pF±5% | 2 | 1.25 | 1 | 0.7mm | 0.3mm min. |
| GRM21A5C2E470JW01D | 250Vdc | C0G (EIA) | 47pF±5% | 2 | 1.25 | 1 | 0.7mm | 0.3mm min. |
| GRM21A5C2E560JW01D | 250Vdc | C0G (EIA) | 56pF±5% | 2 | 1.25 | 1 | 0.7mm | 0.3mm min. |
| GRM21A5C2E680JW01D | 250Vdc | C0G (EIA) | 68pF±5% | 2 | 1.25 | 1 | 0.7mm | 0.3mm min. |
| GRM21A5C2E820JW01D | 250Vdc | C0G (EIA) | 82pF±5% | 2 | 1.25 | 1 | 0.7mm | 0.3mm min. |
| GRM21A5C2E101JW01D | 250Vdc | C0G (EIA) | 100pF±5% | 2 | 1.25 | 1 | 0.7mm | 0.3mm min. |
| GRM21A5C2E121JW01D | 250Vdc | C0G (EIA) | 120pF±5% | 2 | 1.25 | 1 | 0.7mm | 0.3mm min. |
| GRM21A5C2E151JW01D | 250Vdc | C0G (EIA) | 150pF±5% | 2 | 1.25 | 1 | 0.7mm | 0.3mm min. |
| GRM21A5C2E181JW01D | 250Vdc | C0G (EIA) | 180pF±5% | 2 | 1.25 | 1 | 0.7mm | 0.3mm min. |
| GRM21A5C2E221JW01D | 250Vdc | C0G (EIA) | 220pF±5% | 2 | 1.25 | 1 | 0.7mm | 0.3mm min. |
| GRM21A5C2E271JW01D | 250Vdc | C0G (EIA) | 270pF±5% | 2 | 1.25 | 1 | 0.7mm | 0.3mm min. |
| GRM21A5C2E331JW01D | 250Vdc | C0G (EIA) | 330pF±5% | 2 | 1.25 | 1 | 0.7mm | 0.3mm min. |
| GRM31A5C2J100JW01D | 630Vdc | C0G (EIA) | 10pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A5C2J120JW01D | 630Vdc | C0G (EIA) | 12pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A5C2J150JW01D | 630Vdc | C0G (EIA) | 15pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A5C2J180JW01D | 630Vdc | C0G (EIA) | 18pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |



Continued from the preceding page.

| Part Number | Rated Voltage | TC Code (Standard) | Capacitance | Length L (mm) | Width W (mm) | Thickness T max. (mm) | Electrode g min. | Electrode e |
|--------------------|---------------|-----------------------|-------------|------------------|-----------------|-----------------------------|------------------|-------------|
| GRM31A5C2J220JW01D | 630Vdc | C0G (EIA) | 22pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A5C2J270JW01D | 630Vdc | C0G (EIA) | 27pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A5C2J330JW01D | 630Vdc | C0G (EIA) | 33pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A5C2J390JW01D | 630Vdc | C0G (EIA) | 39pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A5C2J470JW01D | 630Vdc | C0G (EIA) | 47pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A5C2J560JW01D | 630Vdc | C0G (EIA) | 56pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A5C2J680JW01D | 630Vdc | C0G (EIA) | 68pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A5C2J820JW01D | 630Vdc | C0G (EIA) | 82pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A5C2J101JW01D | 630Vdc | C0G (EIA) | 100pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A5C2J121JW01D | 630Vdc | C0G (EIA) | 120pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A5C2J151JW01D | 630Vdc | C0G (EIA) | 150pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A5C2J181JW01D | 630Vdc | C0G (EIA) | 180pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A5C2J221JW01D | 630Vdc | C0G (EIA) | 220pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A5C2J271JW01D | 630Vdc | C0G (EIA) | 270pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A5C2J331JW01D | 630Vdc | C0G (EIA) | 330pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A5C2J391JW01D | 630Vdc | C0G (EIA) | 390pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A5C2J471JW01D | 630Vdc | C0G (EIA) | 470pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A5C2J561JW01D | 630Vdc | C0G (EIA) | 560pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31B5C2J681JW01L | 630Vdc | C0G (EIA) | 680pF±5% | 3.2 | 1.6 | 1.25 | 1.5mm | 0.3mm min. |
| GRM31B5C2J821JW01L | 630Vdc | C0G (EIA) | 820pF±5% | 3.2 | 1.6 | 1.25 | 1.5mm | 0.3mm min. |
| GRM31B5C2J102JW01L | 630Vdc | C0G (EIA) | 1000pF±5% | 3.2 | 1.6 | 1.25 | 1.5mm | 0.3mm min. |
| GRM31A5C3A100JW01D | 1000Vdc | C0G (EIA) | 10pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A5C3A120JW01D | 1000Vdc | C0G (EIA) | 12pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A5C3A150JW01D | 1000Vdc | C0G (EIA) | 15pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A5C3A180JW01D | 1000Vdc | C0G (EIA) | 18pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A5C3A220JW01D | 1000Vdc | C0G (EIA) | 22pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A5C3A270JW01D | 1000Vdc | C0G (EIA) | 27pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A5C3A330JW01D | 1000Vdc | C0G (EIA) | 33pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A5C3A390JW01D | 1000Vdc | C0G (EIA) | 39pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A5C3A470JW01D | 1000Vdc | C0G (EIA) | 47pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A5C3A560JW01D | 1000Vdc | C0G (EIA) | 56pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A5C3A680JW01D | 1000Vdc | C0G (EIA) | 68pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A5C3A820JW01D | 1000Vdc | C0G (EIA) | 82pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A5C3A101JW01D | 1000Vdc | C0G (EIA) | 100pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A5C3A121JW01D | 1000Vdc | C0G (EIA) | 120pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A5C3A151JW01D | 1000Vdc | C0G (EIA) | 150pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A5C3A181JW01D | 1000Vdc | C0G (EIA) | 180pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A5C3A221JW01D | 1000Vdc | C0G (EIA) | 220pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |

U2J Characteristics

| Part Number | Rated Voltage | TC Code (Standard) | Capacitance | Length L (mm) | Width W (mm) | Thickness T max. (mm) | Electrode g min. | Electrode e |
|--------------------|---------------|-----------------------|-------------|------------------|-----------------|-----------------------------|------------------|-------------|
| GRM21A7U2E101JW31D | 250Vdc | U2J (EIA) | 100pF±5% | 2 | 1.25 | 1 | 0.7mm | 0.3mm min. |
| GRM21A7U2E121JW31D | 250Vdc | U2J (EIA) | 120pF±5% | 2 | 1.25 | 1 | 0.7mm | 0.3mm min. |
| GRM21A7U2E151JW31D | 250Vdc | U2J (EIA) | 150pF±5% | 2 | 1.25 | 1 | 0.7mm | 0.3mm min. |
| GRM21A7U2E181JW31D | 250Vdc | U2J (EIA) | 180pF±5% | 2 | 1.25 | 1 | 0.7mm | 0.3mm min. |
| GRM21A7U2E221JW31D | 250Vdc | U2J (EIA) | 220pF±5% | 2 | 1.25 | 1 | 0.7mm | 0.3mm min. |
| GRM21A7U2E271JW31D | 250Vdc | U2J (EIA) | 270pF±5% | 2 | 1.25 | 1 | 0.7mm | 0.3mm min. |
| GRM21A7U2E331JW31D | 250Vdc | U2J (EIA) | 330pF±5% | 2 | 1.25 | 1 | 0.7mm | 0.3mm min. |
| GRM21A7U2E391JW31D | 250Vdc | U2J (EIA) | 390pF±5% | 2 | 1.25 | 1 | 0.7mm | 0.3mm min. |
| GRM21A7U2E471JW31D | 250Vdc | U2J (EIA) | 470pF±5% | 2 | 1.25 | 1 | 0.7mm | 0.3mm min. |
| GRM21A7U2E561JW31D | 250Vdc | U2J (EIA) | 560pF±5% | 2 | 1.25 | 1 | 0.7mm | 0.3mm min. |
| GRM21A7U2E681JW31D | 250Vdc | U2J (EIA) | 680pF±5% | 2 | 1.25 | 1 | 0.7mm | 0.3mm min. |
| GRM21A7U2E821JW31D | 250Vdc | U2J (EIA) | 820pF±5% | 2 | 1.25 | 1 | 0.7mm | 0.3mm min. |
| GRM21A7U2E102JW31D | 250Vdc | U2J (EIA) | 1000pF±5% | 2 | 1.25 | 1 | 0.7mm | 0.3mm min. |

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Continued from the preceding page.

| Part Number | Rated Voltage | TC Code (Standard) | Capacitance | Length L (mm) | Width W (mm) | Thickness T max. (mm) | Electrode g min. | Electrode e |
|--|------------------|-----------------------|------------------------|------------------|-----------------|-----------------------------|------------------|--------------------------|
| GRM21A7U2E122JW31D | 250Vdc | U2J (EIA) | 1200pF±5% | 2 | 1.25 | 1 | 0.7mm | 0.3mm min. |
| GRM21A7U2E152JW31D | 250Vdc | U2J (EIA) | 1500pF±5% | 2 | 1.25 | 1 | 0.7mm | 0.3mm min. |
| GRM21A7U2E182JW31D | 250Vdc | U2J (EIA) | 1800pF±5% | 2 | 1.25 | 1 | 0.7mm | 0.3mm min. |
| GRM21A7U2E222JW31D | 250Vdc | U2J (EIA) | 2200pF±5% | 2 | 1.25 | 1 | 0.7mm | 0.3mm min. |
| GRM21B7U2E272JW32L | 250Vdc | U2J (EIA) | 2700pF±5% | 2 | 1.25 | 1.45 | 0.7mm | 0.3mm min. |
| GRM31A7U2E272JW31D | 250Vdc | U2J (EIA) | 2700pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM21B7U2E332JW32L | 250Vdc | U2J (EIA) | 3300pF±5% | 2 | 1.25 | 1.45 | 0.7mm | 0.3mm min. |
| GRM31A7U2E332JW31D | 250Vdc | U2J (EIA) | 3300pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM21B7U2E392JW32L | 250Vdc | U2J (EIA) | 3900pF±5% | 2 | 1.25 | 1.45 | 0.7mm | 0.3mm min. |
| GRM31A7U2E392JW31D | 250Vdc | U2J (EIA) | 3900pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM21B7U2E472JW32L | 250Vdc | U2J (EIA) | 4700pF±5% | 2 | 1.25 | 1.45 | 0.7mm | 0.3mm min. |
| GRM31A7U2E472JW31D | 250Vdc | U2J (EIA) | 4700pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM21B7U2E562JW32L | 250Vdc | U2J (EIA) | 5600pF±5% | 2 | 1.25 | 1.45 | 0.7mm | 0.3mm min. |
| GRM31A7U2E562JW31D | 250Vdc | U2J (EIA) | 5600pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31B7U2E682JW31L | 250Vdc | U2J (EIA) | 6800pF±5% | 3.2 | 1.6 | 1.25 | 1.5mm | 0.3mm min. |
| GRM31B7U2E822JW31L | 250Vdc | U2J (EIA) | 8200pF±5% | 3.2 | 1.6 | 1.25 | 1.5mm | 0.3mm min. |
| GRM31B7U2E103JW31L | 250Vdc | U2J (EIA) | 10000pF±5% | 3.2 | 1.6 | 1.25 | 1.5mm | 0.3mm min. |
| GRM31A7U2J100JW31D | 630Vdc | U2J (EIA) | 10pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A7U2J120JW31D | 630Vdc | U2J (EIA) | 12pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A7U2J150JW31D | 630Vdc | U2J (EIA) | 15pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A7U2J180JW31D | 630Vdc | U2J (EIA) | 18pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A7U2J220JW31D | 630Vdc | U2J (EIA) | 22pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A7U2J270JW31D | 630Vdc | U2J (EIA) | 27pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A7U2J330JW31D | 630Vdc | U2J (EIA) | 33pF±5% | 3.2 | 1.6 | 1 | 1.5mm 1.5mm | 0.3mm min. 0.3mm min. |
| GRM31A7U2J390JW31D GRM31A7U2J470JW31D | 630Vdc | U2J (EIA) | 39pF±5% 47pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A7U2J560JW31D | 630Vdc | U2J (EIA) | 56pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A7U2J680JW31D | 630Vdc | U2J (EIA) | 68pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A7U2J820JW31D | 630Vdc | U2J (EIA) | 82pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A7U2J101JW31D | 630Vdc | U2J (EIA) | 100pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A7U2J121JW31D | 630Vdc | U2J (EIA) | 120pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A7U2J151JW31D | 630Vdc | U2J (EIA) | 150pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A7U2J181JW31D | 630Vdc | U2J (EIA) | 180pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A7U2J221JW31D | 630Vdc | U2J (EIA) | 220pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A7U2J271JW31D | 630Vdc | U2J (EIA) | 270pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A7U2J331JW31D | 630Vdc | U2J (EIA) | 330pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A7U2J391JW31D | 630Vdc | U2J (EIA) | 390pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A7U2J471JW31D | 630Vdc | U2J (EIA) | 470pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A7U2J561JW31D | 630Vdc | U2J (EIA) | 560pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A7U2J681JW31D | 630Vdc | U2J (EIA) | 680pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A7U2J821JW31D | 630Vdc | U2J (EIA) | 820pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A7U2J102JW31D | 630Vdc | U2J (EIA) | 1000pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A7U2J122JW31D | 630Vdc | U2J (EIA) | 1200pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM32A7U2J122JW31D | 630Vdc | U2J (EIA) | 1200pF±5% | 3.2 | 2.5 | 1 | 1.5mm | 0.3mm min. |
| GRM31A7U2J152JW31D | 630Vdc | U2J (EIA) | 1500pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM32A7U2J152JW31D | 630Vdc | U2J (EIA) | 1500pF±5% | 3.2 | 2.5 | 1 | 1.5mm | 0.3mm min. |
| GRM31A7U2J182JW31D | 630Vdc 630Vdc | U2J (EIA) | 1800pF±5% | 3.2 | 1.6 2.5 | 1 | 1.5mm | 0.3mm min. |
| GRM32A7U2J182JW31D GRM31A7U2J222JW31D | 630Vdc | U2J (EIA) | 1800pF±5% 2200pF±5% | 3.2 | 1.6 | 1 | 1.5mm 1.5mm | 0.3mm min. 0.3mm min. |
| GRM32A7U2J222JW31D | 630Vdc | U2J (EIA) | 2200pF±5% 2200pF±5% | 3.2 | 2.5 | 1 | 1.5mm | 0.3mm min. |
| GRM31B7U2J272JW31L | 630Vdc | U2J (EIA) | 2700pF±5% | 3.2 | 1.6 | 1.25 | 1.5mm | 0.3mm min. |
| GRM31B7U2J332JW31L | 630Vdc | U2J (EIA) | 3300pF±5% | 3.2 | 1.6 | 1.25 | 1.5mm | 0.3mm min. |
| GRM31C7U2J392JW32L | 630Vdc | U2J (EIA) | 3900pF±5% | 3.2 | 1.6 | 1.8 | 1.5mm | 0.3mm min. |
| GRM31C7U2J472JW32L | 630Vdc | U2J (EIA) | 4700pF±5% | 3.2 | 1.6 | 1.8 | 1.5mm | 0.3mm min. |
| GRM32B7U2J562JW31L | 630Vdc | U2J (EIA) | 5600pF±5% | 3.2 | 2.5 | 1.25 | 1.5mm | 0.3mm min. |
| GRM32Q7U2J682JW31L | 630Vdc | U2J (EIA) | 6800pF±5% | 3.2 | 2.5 | 1.5 | 1.5mm | 0.3mm min. |
| GRM32D7U2J822JW31L | 630Vdc | U2J (EIA) | 8200pF±5% | 3.2 | 2.5 | 2 | 1.5mm | 0.3mm min. |
| | | (3) | | | | _ | | |

| $\overline{}$ | Continued fron | n the | preceding | nage |
|---------------|----------------|-------|-----------|-------|
| | Continuca non | LIIC | proceding | page. |

| Part Number | Rated Voltage | TC Code (Standard) | Capacitance | Length L (mm) | Width W (mm) | Thickness T max. (mm) | Electrode g min. | Electrode e |
|---------------------------|---------------|-----------------------|--------------|------------------|-----------------|-----------------------------|------------------|-------------------|
| GRM32D7U2J103JW31L | 630Vdc | U2J (EIA) | 10000pF±5% | 3.2 | 2.5 | 2 | 1.5mm | 0.3mm min. |
| GRM43Q7U2J123JW31L | 630Vdc | U2J (EIA) | 12000pF±5% | 4.5 | 3.2 | 1.5 | 2.2mm | 0.3mm min. |
| GRM43D7U2J153JW31L | 630Vdc | U2J (EIA) | 15000pF±5% | 4.5 | 3.2 | 2 | 2.2mm | 0.3mm min. |
| GRM43D7U2J183JW31L | 630Vdc | U2J (EIA) | 18000pF±5% | 4.5 | 3.2 | 2 | 2.2mm | 0.3mm min. |
| GRM43D7U2J223JW31L | 630Vdc | U2J (EIA) | 22000pF±5% | 4.5 | 3.2 | 2 | 2.2mm | 0.3mm min. |
| GRM55Q7U2J273JW31L | 630Vdc | U2J (EIA) | 27000pF±5% | 5.7 | 5.0 | 1.5 | 3.2mm | 0.3mm min. |
| GRM55D7U2J333JW31L | 630Vdc | U2J (EIA) | 33000pF±5% | 5.7 | 5.0 | 2 | 3.2mm | 0.3mm min. |
| GRM55D7U2J393JW31L | 630Vdc | U2J (EIA) | 39000pF±5% | 5.7 | 5.0 | 2 | 3.2mm | 0.3mm min. |
| GRM55D7U2J473JW31L | 630Vdc | U2J (EIA) | 47000pF±5% | 5.7 | 5.0 | 2 | 3.2mm | 0.3mm min. |
| GRM31A7U3A100JW31D | 1000Vdc | U2J (EIA) | 10pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A7U3A120JW31D | 1000Vdc | U2J (EIA) | 12pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A7U3A150JW31D | 1000Vdc | U2J (EIA) | 15pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A7U3A180JW31D | 1000Vdc | U2J (EIA) | 18pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A7U3A220JW31D | 1000Vdc | U2J (EIA) | 22pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A7U3A270JW31D | 1000Vdc | U2J (EIA) | 27pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A7U3A330JW31D | 1000Vdc | U2J (EIA) | 33pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A7U3A390JW31D | 1000Vdc | U2J (EIA) | 39pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A7U3A470JW31D | 1000Vdc | U2J (EIA) | 47pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min |
| GRM31A7U3A470JW31D | 1000Vdc | U2J (EIA) | 56pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A7U3A680JW31D | 1000Vdc | U2J (EIA) | 68pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| | | · , , | ' | | 1.6 | 1 | 1.5mm | |
| GRM31A7U3A820JW31D | 1000Vdc | U2J (EIA) | 82pF±5% | 3.2 | | 1 | | 0.3mm min. |
| GRM31A7U3A101JW31D | 1000Vdc | U2J (EIA) | 100pF±5% | 3.2 | 1.6 | | 1.5mm | 0.3mm min. |
| GRM31A7U3A121JW31D | 1000Vdc | U2J (EIA) | 120pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min |
| GRM31A7U3A151JW31D | 1000Vdc | U2J (EIA) | 150pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A7U3A181JW31D | 1000Vdc | U2J (EIA) | 180pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A7U3A221JW31D | 1000Vdc | U2J (EIA) | 220pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A7U3A271JW31D | 1000Vdc | U2J (EIA) | 270pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31A7U3A331JW31D | 1000Vdc | U2J (EIA) | 330pF±5% | 3.2 | 1.6 | 1 | 1.5mm | 0.3mm min. |
| GRM31B7U3A391JW31L | 1000Vdc | U2J (EIA) | 390pF±5% | 3.2 | 1.6 | 1.25 | 1.5mm | 0.3mm min. |
| GRM31B7U3A471JW31L | 1000Vdc | U2J (EIA) | 470pF±5% | 3.2 | 1.6 | 1.25 | 1.5mm | 0.3mm min. |
| GRM31B7U3A561JW31L | 1000Vdc | U2J (EIA) | 560pF±5% | 3.2 | 1.6 | 1.25 | 1.5mm | 0.3mm min. |
| GRM31B7U3A681JW31L | 1000Vdc | U2J (EIA) | 680pF±5% | 3.2 | 1.6 | 1.25 | 1.5mm | 0.3mm min. |
| GRM31C7U3A821JW32L | 1000Vdc | U2J (EIA) | 820pF±5% | 3.2 | 1.6 | 1.8 | 1.5mm | 0.3mm min. |
| GRM31C7U3A102JW32L | 1000Vdc | U2J (EIA) | 1000pF±5% | 3.2 | 1.6 | 1.8 | 1.5mm | 0.3mm min. |
| GRM32B7U3A122JW31L | 1000Vdc | U2J (EIA) | 1200pF±5% | 3.2 | 2.5 | 1.25 | 1.5mm | 0.3mm min. |
| GRM32Q7U3A152JW31L | 1000Vdc | U2J (EIA) | 1500pF±5% | 3.2 | 2.5 | 1.5 | 1.5mm | 0.3mm min. |
| GRM32D7U3A182JW31L | 1000Vdc | U2J (EIA) | 1800pF±5% | 3.2 | 2.5 | 2 | 1.5mm | 0.3mm min. |
| GRM32D7U3A222JW31L | 1000Vdc | U2J (EIA) | 2200pF±5% | 3.2 | 2.5 | 2 | 1.5mm | 0.3mm min. |
| GRM43Q7U3A272JW31L | 1000Vdc | U2J (EIA) | 2700pF±5% | 4.5 | 3.2 | 1.5 | 2.2mm | 0.3mm min. |
| GRM43Q7U3A332JW31L | 1000Vdc | U2J (EIA) | 3300pF±5% | 4.5 | 3.2 | 1.5 | 2.2mm | 0.3mm min. |
| GRM43D7U3A392JW31L | 1000Vdc | U2J (EIA) | 3900pF±5% | 4.5 | 3.2 | 2 | 2.2mm | 0.3mm min. |
| GRM43D7U3A472JW31L | 1000Vdc | U2J (EIA) | 4700pF±5% | 4.5 | 3.2 | 2 | 2.2mm | 0.3mm min. |
| GRM55Q7U3A562JW31L | 1000Vdc | U2J (EIA) | 5600pF±5% | 5.7 | 5.0 | 1.5 | 3.2mm | 0.3mm min. |
| GRM55Q7U3A682JW31L | 1000Vdc | U2J (EIA) | 6800pF±5% | 5.7 | 5.0 | 1.5 | 3.2mm | 0.3mm min. |
| GRM55D7U3A822JW31L | 1000Vdc | U2J (EIA) | 8200pF±5% | 5.7 | 5.0 | 2 | 3.2mm | 0.3mm min. |
| GRM55D7U3A103JW31L | 1000Vdc | U2J (EIA) | 10000pF±5% | 5.7 | 5.0 | 2 | 3.2mm | 0.3mm min. |
| GRM31A7U3D100JW31D | 2000Vdc | U2J (EIA) | 10pF±5% | 3.2 | 1.6 | 1 | 1.8mm | 0.3mm min. |
| GRM31A7U3D120JW31D | 2000Vdc | U2J (EIA) | 12pF±5% | 3.2 | 1.6 | 1 | 1.8mm | 0.3mm min |
| GRM31A7U3D150JW31D | 2000Vdc | U2J (EIA) | 15pF±5% | 3.2 | 1.6 | 1 | 1.8mm | 0.3mm min. |
| GRM31A7U3D180JW31D | 2000Vdc | U2J (EIA) | 18pF±5% | 3.2 | 1.6 | 1 | 1.8mm | 0.3mm min. |
| GRM31A7U3D220JW31D | 2000Vdc | U2J (EIA) | 22pF±5% | 3.2 | 1.6 | 1 | 1.8mm | 0.3mm min |
| GRM31A7U3D270JW31D | 2000Vdc | U2J (EIA) | 27pF±5% | 3.2 | 1.6 | 1 | 1.8mm | 0.3mm min |
| GRM31A7U3D330JW31D | 2000Vdc | U2J (EIA) | 33pF±5% | 3.2 | 1.6 | 1 | 1.8mm | 0.3mm min |
| GRM31A7U3D390JW31D | 2000Vdc | U2J (EIA) | 39pF±5% | 3.2 | 1.6 | 1 | 1.8mm | 0.3mm min. |
| GRM31A7U3D470JW31D | 2000Vdc | U2J (EIA) | 47pF±5% | 3.2 | 1.6 | 1 | 1.8mm | 0.3mm min. |
| GRM31A7U3D560JW31D | 2000Vdc | U2J (EIA) | 56pF±5% | 3.2 | 1.6 | 1 | 1.8mm | 0.3mm min. |
| GRM31A7U3D680JW31D | 2000Vdc | U2J (EIA) | 68pF±5% | 3.2 | 1.6 | 1 | 1.8mm | 0.3mm min. |
| S. INIO 171 00D0000 WO 1D | 2000 1 00 | 020 (LIA) | 1 20pi ±3 /0 | 0.2 | 1.0 | <u>'</u> | 1.011111 | U.U.IIIII IIIIII. |

AC250V Type GA2 Series

| Continued from the preceding p | Continued from the preceding page. | | | | | | | | | | | |
|--------------------------------|------------------------------------|-----------------------|-------------|------------------|-----------------|-----------------------------|------------------|-------------|--|--|--|--|
| Part Number | Rated Voltage | TC Code (Standard) | Capacitance | Length L (mm) | Width W (mm) | Thickness T max. (mm) | Electrode g min. | Electrode e | | | | |
| GRM32A7U3D820JW31D | 2000Vdc | U2J (EIA) | 82pF±5% | 3.2 | 2.5 | 1 | 1.8mm | 0.3mm min. | | | | |
| GRM32A7U3D101JW31D | 2000Vdc | U2J (EIA) | 100pF±5% | 3.2 | 2.5 | 1 | 1.8mm | 0.3mm min. | | | | |
| GRM32A7U3D121JW31D | 2000Vdc | U2J (EIA) | 120pF±5% | 3.2 | 2.5 | 1 | 1.8mm | 0.3mm min. | | | | |
| GRM32A7U3D151JW31D | 2000Vdc | U2J (EIA) | 150pF±5% | 3.2 | 2.5 | 1 | 1.8mm | 0.3mm min. | | | | |
| GRM32B7U3D181JW31L | 2000Vdc | U2J (EIA) | 180pF±5% | 3.2 | 2.5 | 1.25 | 1.8mm | 0.3mm min. | | | | |
| GRM32B7U3D221JW31L | 2000Vdc | U2J (EIA) | 220pF±5% | 3.2 | 2.5 | 1.25 | 1.8mm | 0.3mm min. | | | | |
| GRM42A7U3F270JW31L | 3150Vdc | U2J (EIA) | 27pF±5% | 4.5 | 2.0 | 1 | 2.9mm | 0.3mm min. | | | | |
| GRM42A7U3F330JW31L | 3150Vdc | U2J (EIA) | 33pF±5% | 4.5 | 2.0 | 1 | 2.9mm | 0.3mm min. | | | | |
| GRM42A7U3F390JW31L | 3150Vdc | U2J (EIA) | 39pF±5% | 4.5 | 2.0 | 1 | 2.9mm | 0.3mm min. | | | | |
| GRM42A7U3F470JW31L | 3150Vdc | U2J (EIA) | 47pF±5% | 4.5 | 2.0 | 1 | 2.9mm | 0.3mm min. | | | | |
| GRM42A7U3F560JW31L | 3150Vdc | U2J (EIA) | 56pF±5% | 4.5 | 2.0 | 1 | 2.9mm | 0.3mm min. | | | | |
| GRM42A7U3F680JW31L | 3150Vdc | U2J (EIA) | 68pF±5% | 4.5 | 2.0 | 1 | 2.9mm | 0.3mm min. | | | | |
| GRM42A7U3F820JW31L | 3150Vdc | U2J (EIA) | 82pF±5% | 4.5 | 2.0 | 1 | 2.9mm | 0.3mm min. | | | | |
| GRM42A7U3F101JW31L | 3150Vdc | U2J (EIA) | 100pF±5% | 4.5 | 2.0 | 1 | 2.9mm | 0.3mm min. | | | | |

| No. | Ite | m | Specifications | Test Method |
|-----|------------------------------------|-------------|--|--|
| 1 | Operating Temperatu | ire Range | -55 to +125°C | - |
| 2 | Appearan | ice | No defects or abnormalities | Visual inspection |
| 3 | Dimensio | ns | Within the specified dimension | Using calipers and micrometers |
| 4 | Dielectric | Strength | No defects or abnormalities | No failure should be observed when voltage in the Table is applied between the terminations for 1 to 5 sec., provided the charge/discharge current is less than 50mA. Rated Voltage Test Voltage |
| 5 | Insulation F | Resistance | More than 10,000M Ω | The insulation resistance should be measured with DC500±50V (DC250±25V in case of rated voltage: DC250V) and within 60±5 sec. of charging. |
| 6 | Capacitar | nce | Within the specified tolerance | The capacitance/Q should be measured at the frequency and voltage shown as follows. |
| 7 | Q | | 1,000 min. | Capacitance Frequency Voltage C<1,000pF 1±0.2MHz AC0.5 to 5V(r.m.s.) C≥1,000pF 1±0.2kHz AC1±0.2V(r.m.s.) |
| 8 | Capacitar Temperat Character | ure | Temp. Coefficient C0G char. : 0±30ppm/°C (Temp. Range : +25 to +125°C) 0+30, -72ppm/°C (Temp. Range : -55 to +25°C) U2J char. : -750±120ppm/°C (Temp. Range : +25 to +125°C) -750+120, -347ppm/°C (Temp. Range : -55 to +25°C) | The capacitance measurement should be made at each step specified in the Table. Step Temperature (°C) |
| 9 | Adhesive of Termin | | No removal of the terminations or other defect should occur. | Solder the capacitor to the testing jig (glass epoxy board) shown in Fig. 1. Then apply 10N force in the direction of the arrow. The soldering should be done using the reflow method and should be conducted with care so that the soldering is uniform and free of defects such as heat shock. |
| | | Appearance | No defects or abnormalities | Solder the capacitor to the test jig (glass epoxy board). |
| | | Capacitance | Within the specified tolerance | The capacitor should be subjected to a simple harmonic motion having a total amplitude of 1.5mm, the frequency being varied |
| 10 | Vibration Resistance | Q | 1,000 min. | uniformly between the approximate limits of 10 and 55Hz. The frequency range, from 10 to 55Hz and return to 10Hz, should be traversed in approximately 1 min. This motion should be applied for a period of 2 hrs. in each of 3 mutually perpendicular directions (total of 6 hrs.). Solder resist Glass Epoxy Board |





| No. | Ite | em | | s | pecification | s | | | Test Method | | | |
|-----|------------------------|-------------------------------|---|---|---|---|---------------|--|--|--------------------------------|--|--|
| | | | No marking def | ects | b c c | 04.5 | | in Fig. 2. Then apply a The soldering should be cor | pacitor to the testing jig (glass force in the direction shown should be done using the reducted with care so that the effects such as heat shock. | in Fig. 3. Iflow method and | | |
| 11 | Deflection | า | L×W | | Fig. 2 Dimens | ion (mm) | | | 20 50 Pressurizing speed: 1.0m | | | |
| | | | (mm) 2.0×1.25 3.2×1.6 3.2×2.5 4.5×2.0 4.5×3.2 5.7×5.0 | a 1.2 2.2 2.2 3.5 3.5 4.5 | b 4.0 5.0 5.0 7.0 7.0 8.0 | 1.65 2.0 2.9 2.4 3.7 5.6 | 1.0 | Capacitance meter 45 (in mm) | | | | |
| 12 | Solderabi Terminati | | 75% of the tern and continuous | | e to be sold | ered evenly | | Immerse the capacitor in a solution of ethanol (JIS-K-8101) rosin (JIS-K-5902) (25% rosin in weight proportion). Immers solder solution for 2±0.5 sec. Immersing speed: 25±2.5mm/s Temp. of solder: 245±5°C Lead Free Solder (Sn-3.0Ag-0.9235±5°C H60A or H63A Eutectic Solder | | | | |
| | Resistance | Appearance Capacitance Change | No marking def Within ±2.5% | ects | | | | Preheat the capacitor at 120 to 150°C* for 1 min. Immerse the capacitor in solder solution at 260±5°C for 1 Let sit at room condition* for 24±2 hrs., then measure. •Immersing speed: 25±2.5mm/s | | | | |
| 13 | to Soldering | Q | 1,000 min. | | | | | | | | | |
| | Heat | I.R. | More than 10,0 | ΩΜ00 | | | | *Preneating f | *Preheating for more than 3.2×2.5mm Step Temperature | | | |
| | | Dielectric Strength | In accordance v | with item N | 0.4 | | | 1 2 | 100 to 120°C 170 to 200°C | Time 1 min. 1 min. | | |
| | | Appearance Capacitance Change | No marking defects Within ±2.5% | | | | | in Fig. 4. Perform the 5 the following to | | t treatments listed in | | |
| | | I.R. | 500 min. More than 10,0 | 00MO | | | | Let sit for 24±2 hrs. at room condition,* then measure. Step Temperature (°C) Time (mir | | | | |
| | | | | | | | | 1 | Min. Operating Temp.±3 | 30±3 | | |
| 14 | Temperature Cycle | Dielectric Strength | In accordance v | with item N | 0.4 | | | 2 3 4 | Room Temp. Max. Operating Temp.±2 Room Temp. | 2 to 3 30±3 2 to 3 | | |
| | | - | | | | | | | Sold Glass Epoxy Board Fig. 4 | er resist | | |
| | | Appearance | No marking def | ects | | | | | | | | |
| 15 | Humidity | Capacitance Change | Within ±5.0% | | | | | Let the capaci | itor sit at 40±2°C and relative s. | humidity of 90 to 95% | | |
| 15 | (Steady State) | Q I.R. | 350 min. | OMO | | | | Remove and | let sit for 24±2 hrs. at room o | ondition,* then | | |
| | | Dielectric Strength | More than 1,00 | | 0.4 | | | measure. | | | | |
| | | | | | | | Apply voltage | as in Table for 1,000 ^{±48} 6hrs | s. at maximum | | | |
| | | | No marking defects Within ±3.0% | | | | | Apply voltage as in Table for 1,000 ^{±48} hrs. at maximum operating temperature ±3°C. Remove and let sit for 24±2 hrs. at room condition,* then | | | | |
| | | Capacitance Change | Within ±3.0% | | | | measure. | | | | | |
| 16 | Life | | Within ±3.0% 350 min. | | | | | | /oltage Applies | | | |
| 16 | Life | Change | | 0ΜΩ | | | | measure. Rated V DC2 DC630V, DC2kV, D | 50V 150% of the DC1kV, 120% of the | I Voltage rated voltage | | |

 $^{^*}$ "Room condition" Temperature: 15 to 35°C, Relative humidity: 45 to 75%, Atmospheric pressure: 86 to 106kPa



Chip Monolithic Ceramic Capacitors (Medium Voltage)

High Dielectric Constant Type GRM Series (250Vdc min.)

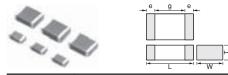
■ Features

- 1. A new monolithic structure for small, high capacitance capable of operating at high voltage
- 2. Sn-plated external electrodes provide good solderability.
- 3. Use the GRM18/21/31 types with flow or reflow soldering, and other types with reflow soldering only.

Applications

- 1. Ideal for use on clamp-snubber circuits for switching power supplies.
- 2. Ideal for use as primary-secondary coupling for DC-DC converters.
- 3. Ideal for use on line filters and ringer detectors for telephones, facsimiles and modems.

Do not use these products in any Automotive Power train or Safety equipment including Battery chargers for Electric Vehicles and Plug-in Hybrids. Only Murata products clearly stipulated as "for Automotive use" can be used for automobile applications such as Power train and Safety equipment.



| Part Number | | Dimensions (mm) | | | | | | | | |
|---------------|----------|-----------------|----------------|------------|--------|--|--|--|--|--|
| Fait Nullibei | L | W | Т | е | g min. | | | | | |
| GRM188 | 1.6 ±0.1 | 0.8 ±0.1 | 0.8 ±0.1 | 0.2 to 0.5 | 0.4 | | | | | |
| GRM21A | 2.0 ±0.2 | 1.25 ±0.2 | 1.0 +0,-0.3 | | 0.7 | | | | | |
| GRM21B | 2.0 ±0.2 | 1.25 ±0.2 | 1.25 ±0.2 |] | 0.7 | | | | | |
| GRM31B | 3.2 ±0.2 | 1.6 ±0.2 | 1.25 + 0, -0.3 | | | | | | | |
| GRM31C | 3.2 ±0.2 | 1.0 ±0.2 | 1.6 ±0.2 | | 1.2 | | | | | |
| GRM32Q | 3.2 ±0.3 | 2.5 ±0.2 | 1.5 +0,-0.3 | 0.3 min. | 1.2 | | | | | |
| GRM32D | 3.2 ±0.3 | 2.5 ±0.2 | 2.0 +0,-0.3 |] | | | | | | |
| GRM43Q | 15+01 | 3.2 ±0.3 | 1.5 + 0, -0.3 | | 2.2 | | | | | |
| GRM43D | 4.5 ±0.4 | 3.∠ ±0.3 | 2.0 +0,-0.3 | | 2.2 | | | | | |
| GRM55D | 5.7 ±0.4 | 5.0 ±0.4 | 2.0 +0,-0.3 | | 3.2 | | | | | |
| | | | | | | | | | | |

| Part Number | Rated Voltage | TC Code (Standard) | Capacitance | Length L (mm) | Width W (mm) | Thickness T max. (mm) | Electrode g min. | Electrode e |
|--------------------|---------------|-----------------------|-------------|------------------|-----------------|-----------------------------|------------------|--------------|
| GRM188R72E221KW07D | 250Vdc | X7R (EIA) | 220pF±10% | 1.6 | 0.8 | 0.9 | 0.4mm | 0.2 to 0.5mm |
| GRM188R72E331KW07D | 250Vdc | X7R (EIA) | 330pF±10% | 1.6 | 0.8 | 0.9 | 0.4mm | 0.2 to 0.5mm |
| GRM188R72E471KW07D | 250Vdc | X7R (EIA) | 470pF±10% | 1.6 | 0.8 | 0.9 | 0.4mm | 0.2 to 0.5mm |
| GRM188R72E681KW07D | 250Vdc | X7R (EIA) | 680pF±10% | 1.6 | 0.8 | 0.9 | 0.4mm | 0.2 to 0.5mm |
| GRM188R72E102KW07D | 250Vdc | X7R (EIA) | 1000pF±10% | 1.6 | 0.8 | 0.9 | 0.4mm | 0.2 to 0.5mm |
| GRM21AR72E102KW01D | 250Vdc | X7R (EIA) | 1000pF±10% | 2 | 1.25 | 1 | 0.7mm | 0.3mm min. |
| GRM188R72E152KW07D | 250Vdc | X7R (EIA) | 1500pF±10% | 1.6 | 0.8 | 0.9 | 0.4mm | 0.2 to 0.5mm |
| GRM21AR72E152KW01D | 250Vdc | X7R (EIA) | 1500pF±10% | 2 | 1.25 | 1 | 0.7mm | 0.3mm min. |
| GRM188R72E222KW07D | 250Vdc | X7R (EIA) | 2200pF±10% | 1.6 | 0.8 | 0.9 | 0.4mm | 0.2 to 0.5mm |
| GRM21AR72E222KW01D | 250Vdc | X7R (EIA) | 2200pF±10% | 2 | 1.25 | 1 | 0.7mm | 0.3mm min. |
| GRM21AR72E332KW01D | 250Vdc | X7R (EIA) | 3300pF±10% | 2 | 1.25 | 1 | 0.7mm | 0.3mm min. |
| GRM21AR72E472KW01D | 250Vdc | X7R (EIA) | 4700pF±10% | 2 | 1.25 | 1 | 0.7mm | 0.3mm min. |
| GRM21AR72E682KW01D | 250Vdc | X7R (EIA) | 6800pF±10% | 2 | 1.25 | 1 | 0.7mm | 0.3mm min. |
| GRM21BR72E103KW03L | 250Vdc | X7R (EIA) | 10000pF±10% | 2 | 1.25 | 1.45 | 0.7mm | 0.3mm min. |
| GRM31BR72E153KW01L | 250Vdc | X7R (EIA) | 15000pF±10% | 3.2 | 1.6 | 1.25 | 1.2mm | 0.3mm min. |
| GRM31BR72E223KW01L | 250Vdc | X7R (EIA) | 22000pF±10% | 3.2 | 1.6 | 1.25 | 1.2mm | 0.3mm min. |
| GRM31CR72E333KW03L | 250Vdc | X7R (EIA) | 33000pF±10% | 3.2 | 1.6 | 1.8 | 1.2mm | 0.3mm min. |
| GRM31CR72E473KW03L | 250Vdc | X7R (EIA) | 47000pF±10% | 3.2 | 1.6 | 1.8 | 1.2mm | 0.3mm min. |
| GRM31BR72E683KW01L | 250Vdc | X7R (EIA) | 68000pF±10% | 3.2 | 1.6 | 1.25 | 1.2mm | 0.3mm min. |
| GRM32QR72E683KW01L | 250Vdc | X7R (EIA) | 68000pF±10% | 3.2 | 2.5 | 1.5 | 1.2mm | 0.3mm min. |
| GRM31CR72E104KW03L | 250Vdc | X7R (EIA) | 0.10µF±10% | 3.2 | 1.6 | 1.8 | 1.2mm | 0.3mm min. |
| GRM32DR72E104KW01L | 250Vdc | X7R (EIA) | 0.10µF±10% | 3.2 | 2.5 | 2 | 1.2mm | 0.3mm min. |
| GRM32QR72E154KW01L | 250Vdc | X7R (EIA) | 0.15µF±10% | 3.2 | 2.5 | 1.5 | 1.2mm | 0.3mm min. |
| GRM43QR72E154KW01L | 250Vdc | X7R (EIA) | 0.15µF±10% | 4.5 | 3.2 | 1.5 | 2.2mm | 0.3mm min. |
| GRM32DR72E224KW01L | 250Vdc | X7R (EIA) | 0.22µF±10% | 3.2 | 2.5 | 2 | 1.2mm | 0.3mm min. |



| Part Number | Rated Voltage | TC Code (Standard) | Capacitance | Length L (mm) | Width W (mm) | Thickness T max. (mm) | Electrode g min. | Electrode e |
|--------------------|---------------|-----------------------|-------------|------------------|-----------------|-----------------------------|------------------|-------------|
| GRM43DR72E224KW01L | 250Vdc | X7R (EIA) | 0.22µF±10% | 4.5 | 3.2 | 2 | 2.2mm | 0.3mm min. |
| GRM43DR72E334KW01L | 250Vdc | X7R (EIA) | 0.33µF±10% | 4.5 | 3.2 | 2 | 2.2mm | 0.3mm min. |
| GRM55DR72E334KW01L | 250Vdc | X7R (EIA) | 0.33µF±10% | 5.7 | 5.0 | 2 | 3.2mm | 0.3mm min. |
| GRM43DR72E474KW01L | 250Vdc | X7R (EIA) | 0.47µF±10% | 4.5 | 3.2 | 2 | 2.2mm | 0.3mm min. |
| GRM55DR72E474KW01L | 250Vdc | X7R (EIA) | 0.47µF±10% | 5.7 | 5.0 | 2 | 3.2mm | 0.3mm min. |
| GRM55DR72E684KW01L | 250Vdc | X7R (EIA) | 0.68µF±10% | 5.7 | 5.0 | 2 | 3.2mm | 0.3mm min. |
| GRM55DR72E105KW01L | 250Vdc | X7R (EIA) | 1.0µF±10% | 5.7 | 5.0 | 2 | 3.2mm | 0.3mm min. |
| GRM31BR72J102KW01L | 630Vdc | X7R (EIA) | 1000pF±10% | 3.2 | 1.6 | 1.25 | 1.2mm | 0.3mm min. |
| GRM31BR72J152KW01L | 630Vdc | X7R (EIA) | 1500pF±10% | 3.2 | 1.6 | 1.25 | 1.2mm | 0.3mm min. |
| GRM31BR72J222KW01L | 630Vdc | X7R (EIA) | 2200pF±10% | 3.2 | 1.6 | 1.25 | 1.2mm | 0.3mm min. |
| GRM31BR72J332KW01L | 630Vdc | X7R (EIA) | 3300pF±10% | 3.2 | 1.6 | 1.25 | 1.2mm | 0.3mm min. |
| GRM31BR72J472KW01L | 630Vdc | X7R (EIA) | 4700pF±10% | 3.2 | 1.6 | 1.25 | 1.2mm | 0.3mm min. |
| GRM31BR72J682KW01L | 630Vdc | X7R (EIA) | 6800pF±10% | 3.2 | 1.6 | 1.25 | 1.2mm | 0.3mm min. |
| GRM31BR72J103KW01L | 630Vdc | X7R (EIA) | 10000pF±10% | 3.2 | 1.6 | 1.25 | 1.2mm | 0.3mm min. |
| GRM31CR72J153KW03L | 630Vdc | X7R (EIA) | 15000pF±10% | 3.2 | 1.6 | 1.8 | 1.2mm | 0.3mm min. |
| GRM32QR72J223KW01L | 630Vdc | X7R (EIA) | 22000pF±10% | 3.2 | 2.5 | 1.5 | 1.2mm | 0.3mm min. |
| GRM32DR72J333KW01L | 630Vdc | X7R (EIA) | 33000pF±10% | 3.2 | 2.5 | 2 | 1.2mm | 0.3mm min. |
| GRM32DR72J473KW01L | 630Vdc | X7R (EIA) | 47000pF±10% | 3.2 | 2.5 | 2 | 1.2mm | 0.3mm min. |
| GRM43QR72J683KW01L | 630Vdc | X7R (EIA) | 68000pF±10% | 4.5 | 3.2 | 1.5 | 2.2mm | 0.3mm min. |
| GRM43DR72J104KW01L | 630Vdc | X7R (EIA) | 0.10µF±10% | 4.5 | 3.2 | 2 | 2.2mm | 0.3mm min. |
| GRM55DR72J154KW01L | 630Vdc | X7R (EIA) | 0.15µF±10% | 5.7 | 5.0 | 2 | 3.2mm | 0.3mm min. |
| GRM55DR72J224KW01L | 630Vdc | X7R (EIA) | 0.22µF±10% | 5.7 | 5.0 | 2 | 3.2mm | 0.3mm min. |
| GRM31BR73A471KW01L | 1000Vdc | X7R (EIA) | 470pF±10% | 3.2 | 1.6 | 1.25 | 1.2mm | 0.3mm min. |
| GRM31BR73A681KW01L | 1000Vdc | X7R (EIA) | 680pF±10% | 3.2 | 1.6 | 1.25 | 1.2mm | 0.3mm min. |
| GRM31BR73A102KW01L | 1000Vdc | X7R (EIA) | 1000pF±10% | 3.2 | 1.6 | 1.25 | 1.2mm | 0.3mm min. |
| GRM31BR73A152KW01L | 1000Vdc | X7R (EIA) | 1500pF±10% | 3.2 | 1.6 | 1.25 | 1.2mm | 0.3mm min. |
| GRM31BR73A222KW01L | 1000Vdc | X7R (EIA) | 2200pF±10% | 3.2 | 1.6 | 1.25 | 1.2mm | 0.3mm min. |
| GRM31BR73A332KW01L | 1000Vdc | X7R (EIA) | 3300pF±10% | 3.2 | 1.6 | 1.25 | 1.2mm | 0.3mm min. |
| GRM31BR73A472KW01L | 1000Vdc | X7R (EIA) | 4700pF±10% | 3.2 | 1.6 | 1.25 | 1.2mm | 0.3mm min. |
| GRM32QR73A682KW01L | 1000Vdc | X7R (EIA) | 6800pF±10% | 3.2 | 2.5 | 1.5 | 1.2mm | 0.3mm min. |
| GRM32QR73A103KW01L | 1000Vdc | X7R (EIA) | 10000pF±10% | 3.2 | 2.5 | 1.5 | 1.2mm | 0.3mm min. |
| GRM32DR73A153KW01L | 1000Vdc | X7R (EIA) | 15000pF±10% | 3.2 | 2.5 | 2 | 1.2mm | 0.3mm min. |
| GRM32DR73A223KW01L | 1000Vdc | X7R (EIA) | 22000pF±10% | 3.2 | 2.5 | 2 | 1.2mm | 0.3mm min. |
| GRM43DR73A333KW01L | 1000Vdc | X7R (EIA) | 33000pF±10% | 4.5 | 3.2 | 2 | 2.2mm | 0.3mm min. |
| GRM43DR73A473KW01L | 1000Vdc | X7R (EIA) | 47000pF±10% | 4.5 | 3.2 | 2 | 2.2mm | 0.3mm min. |
| GRM55DR73A683KW01L | 1000Vdc | X7R (EIA) | 68000pF±10% | 5.7 | 5.0 | 2 | 3.2mm | 0.3mm min. |
| GRM55DR73A104KW01L | 1000Vdc | X7R (EIA) | 0.10µF±10% | 5.7 | 5.0 | 2 | 3.2mm | 0.3mm min. |



| No. | Ite | em | Specifications | Test Method | | | |
|-----|---|-------------|--|---|--|--|--|
| 1 | Operating Temperatu | ire Range | -55 to +125°C | - | | | |
| 2 | Appearan | ice | No defects or abnormalities | Visual inspection | | | |
| 3 | Dimension | ns | Within the specified dimensions | Using calipers and micrometers | | | |
| 4 | Dielectric | Strength | No defects or abnormalities | No failure should be observed when 150% of the rated voltage (200% of the rated voltage in case of rated voltage: DC250V, 120% of the rated voltage in case of rated voltage: DC1kV) is applied between the terminations for 1 to 5 sec., provided the charge/discharge current is less than 50mA. | | | |
| 5 | Insulation F | Resistance | C≧0.01μF: More than 100MΩ • μF C<0.01μF: More than 10,000MΩ | The insulation resistance should be measured with DC500±50V (DC250±25V in case of rated voltage: DC250V) and within 60±5 sec. of charging. | | | |
| 6 | Capacitar | nce | Within the specified tolerance | | | | |
| 7 | Dissipation Factor (D. | | 0.025 max. | The capacitance/D.F. should be measured at a frequency of 1±0.2kHz and a voltage of AC1±0.2V(r.m.s.). | | | |
| | Capacitance 8 Temperature Characteristics | | | The capacitance measurement should be made at each step specified in the Table. | | | |
| | | | | Step Temperature (°C) | | | |
| | | | Cap. Change | 1 25±2 2 Min. Operating Temp.±3 | | | |
| 8 | | | Within ±15% | 3 25±2 | | | |
| | | | (Temp. Range: -55 to +125°C) | 4 Max. Operating Temp.±2 | | | |
| | | | | 5 25±2 •Pretreatment Perform a heat treatment at 150 [±] Ω°C for 60±5 min. and then let sit for 24±2 hrs. at room condition.* | | | |
| 9 | Adhesive of Termin | _ | No removal of the terminations or other defect should occur. | Solder the capacitor to the testing jig (glass epoxy board) shown in Fig. 1. Then apply 10N force in the direction of the arrow. The soldering should be done using the reflow method and should be conducted with care so that the soldering is uniform and free of defects such as heat shock. 10N (5N: Size 1.6×0.8mm only), 10±1s Glass Epoxy Board Fig. 1 | | | |
| | | Appearance | No defects or abnormalities | Solder the capacitor to the test jig (glass epoxy board). | | | |
| | | Capacitance | Within the specified tolerance | The capacitor should be subjected to a simple harmonic motion having a total amplitude of 1.5mm, the frequency being varied | | | |
| 10 | Vibration Resistance | tion | | uniformly between the approximate limits of 10 and 55Hz. The frequency range, from 10 to 55Hz and return to 10Hz, should be traversed in approximately 1 min. This motion should be applied for a period of 2 hrs. in each of 3 mutually perpendicular directions (total of 6 hrs.). Solder resist Glass Epoxy Board | | | |

^{* &}quot;Room condition" Temperature: 15 to 35°C, Relative humidity: 45 to 75%, Atmospheric pressure: 86 to 106kPa





Continued from the preceding page.

| No. | lte | em | | SI | pecification | ıs | | | Test Method | | |
|-----|------------------------------------|-------------------------------------|--|--------------------------------------|---|-----------|-------|---|--|---|--|
| 11 | 1 Deflection | | LXW (mm) 1.6×0.8 2.0×1.25 3.2×1.6 3.2×2.5 4.5×3.2 | a 1.0 1.2 2.2 2.2 3.5 | 100 Fig. 2 Dimens b 3.0 4.0 5.0 5.0 7.0 | o4.5 Q | d 1.0 | in Fig. 2. Then apply a The soldering should be cor | force in the direction shown should be done using the reducted with care so that the effects such as heat shock. 20 50 Pressurizin speed: 1.0 Pressurize R230 Pressurize Capacitance meter 45 Fig. 3 | in Fig. 3. flow method and soldering is uniform | |
| 12 | Solderabi Terminati | - | 75% of the terminations are to be soldered evenly and continuously. | | | | | Immerse the capacitor in a solution of ethanol (JIS-K-8101) an rosin (JIS-K-5902) (25% rosin in weight proportion). Immerse in solder solution for 2±0.5 sec. Immersing speed: 25±2.5mm/s Temp. of solder: 245±5°C Lead Free Solder (Sn-3.0Ag-0.5Cu) 235±5°C H60A or H63A Eutectic Solder | | | |
| | Desistance | Appearance Capacitance Change | No marking defe | ects | | | | Preheat the capacitor at 120 to 150°C* for 1 min. Immerse the capacitor in solder solution at 260±5°C for 10±1 sec. Let sit at room condition* for 24±2 hrs., then measure. •Immersing speed: 25±2.5mm/s | | | |
| 13 | Resistance to Soldering Heat | D.F. | 0.025 max. C≧0.01μF: More than 100MΩ • μF C<0.01μF: More than 10,000MΩ | | | | | | nt eat treatment at 150± ₁ 8°C fo £2 hrs. at room condition.* | r 60±5 min. and ther | |
| | | Dielectric Strength | In accordance with item No.4 | | | | | *Preheating 1 Step 1 2 | Temperature 100 to 120°C 170 to 200°C | Time 1 min. 1 min. | |
| | | Appearance | No marking defe | ects | | | | | tor to the supporting jig (glass | | |
| | | Capacitance Change | Within ±7.5% | | | | | in Fig. 4. Perform the 5 cycles according to the 4 heat treatments listed in the following table. Let sit for 24±2 hrs. at room condition,* then measure. | | | |
| | | D.F. | 0.025 max. | | | | | | | | |
| | | I.R. | C≥0.01µF: More C<0.01µF: More | | | | | Step 1 2 | Temperature (°C) Min. Operating Temp.±3 | Time (min.) | |
| 14 | Temperature Cycle | | | | | | | 3 4 •Pretreatme Perform a he | Room Temp. Max. Operating Temp.±2 Room Temp. nt eat treatment at 150±18°C fo | 2 to 3 30±3 2 to 3 r 60±5 min. and then | |
| | | Dielectric Strength | In accordance with item No.4 | | | | | riet Sit for 24±2 hrs. at room condition. | | | |
| | | Appearance | No marking defe | ects | | | | | | | |
| | | Capacitance Change | Within ±15% | | | | | for 500±26hrs | | | |
| 15 | Humidity (Steady | D.F. | 0.05 max. | | | | | Remove and measure. | let sit for 24±2 hrs. at room c | ondition,* then | |
| | State) | I.R. | C≥0.01µF: More C<0.01µF: More | | | | | | eat treatment at 150 [±] ₁ °°C fo | r 60±5 min. and ther | |
| | | Dielectric Strength | In accordance w | vith item No | 0.4 | | | 101 011 101 24 | let sit for 24±2 hrs. at room condition.* | | |

 $^{^{*}}$ "Room condition" Temperature: 15 to 35°C, Relative humidity: 45 to 75%, Atmospheric pressure: 86 to 106kPa





Continued from the preceding page.

| No. | Ite | em | Specifications | Test Method | | | | |
|-----|----------------------------|------------------------|--|--|--|--|--|--|
| | | Appearance | No marking defects | Apply 120% of the rated voltage (150% of the rated voltage in | | | | |
| | | Capacitance Change | Within ±15% (rated voltage: DC250V, DC630V) Within ±20% (rated voltage: DC1kV) | case of rated voltage: DC250V, 110% of the rated voltage in c of rated voltage: DC1kV) for 1,000±48hrs. at maximum | | | | |
| 16 | Life | D.F. | 0.05 max. | operating temperature ±3°C. Remove and let sit for 24±2hrs. at room condition,* then measure. | | | | |
| | | I.R. | C≥0.01μF: More than 10M Ω • μF C<0.01μF: More than 1,000M Ω | The charge/discharge current is less than 50mA. •Pretreatment | | | | |
| | | Dielectric Strength | In accordance with item No.4 | Apply test voltage for 60±5 min. at test temperature. Remove and let sit for 24±2 hrs. at room condition.* | | | | |
| | | Appearance | No marking defects | | | | | |
| | Humidity Loading | Capacitance Change | Within ±15% | Apply the rated voltage at 40±2°C and relative humidity of 90 to 95% for 500±20 hrs. | | | | |
| 17 | (Application: | D.F. | 0.05 max. | Remove and let sit for 24±2 hrs. at room condition,* then measure. | | | | |
| • • | DC250V, DC630V item) | I.R. | C≥0.01μF: More than 10M Ω • μF C<0.01μF: More than 1,000M Ω | Pretreatment Apply test voltage for 60±5 min. at test temperature. | | | | |
| | nonn | Dielectric Strength | In accordance with item No.4 | Remove and let sit for 24±2 hrs. at room condition.* | | | | |

^{* &}quot;Room condition" Temperature: 15 to 35°C, Relative humidity: 45 to 75%, Atmospheric pressure: 86 to 106kPa



Chip Monolithic Ceramic Capacitors (Medium Voltage)

Soft Termination Type GRJ Series

Deflecting crack

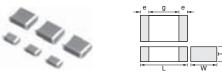
Features

- 1. Improves endurance against Board Bending Stress.
- 2. Reduces the board bending stress by the conductive polymer termination.
- 3. Use the GRJ21/31 types with flow or reflow soldering, and other types with reflow soldering

Applications

- 1. Ideal for use on clamp-snubber circuits for switching power supplies.
- 2. Ideal for use as primary-secondary coupling for DC-DC converters.
- 3. Ideal for use on line filters and ringer detectors for telephones, facsimiles and modems.

Do not use these products in any Automotive Power train or Safety equipment including Battery chargers for Electric Vehicles and Plug-in Hybrids. Only Murata products clearly stipulated as "for Automotive use" can be used for automobile applications such as Power train and Safety equipment.



| Part Number | | Din | nensions (mm | 1) | |
|-------------|----------|-----------|--------------|----------|--------|
| Part Number | L | W | Т | е | g min. |
| GRJ21A | 2.0 ±0.2 | 1.25 ±0.2 | 1.0 +0,-0.3 | | 0.7 |
| GRJ21B | 2.0 ±0.2 | 1.25 ±0.2 | 1.25 ±0.2 | | 0.7 |
| GRJ31B | 3.2 ±0.2 | 1.6 ±0.2 | 1.25 +0,-0.3 | | 1.2 |
| GRJ31C | 3.2 ±0.2 | 1.0 ±0.2 | 1.6 ±0.2 | | |
| GRJ32Q | 3.2 ±0.3 | 2.5 ±0.2 | 1.5 +0,-0.3 | 0.3 min. | |
| GRJ32D | 3.2 ±0.3 | 2.5 ±0.2 | 2.0 +0,-0.3 | | |
| GRJ43Q | 4.5 ±0.4 | 3.2 ±0.3 | 1.5 +0,-0.3 | | 2.2 |
| GRJ43D | 4.5 ±0.4 | 3.2 ±0.3 | 2.0 +0,-0.3 | | 2.2 |
| GRJ55D | 5.7 ±0.4 | 5.0 ±0.4 | 2.0 +0,-0.3 | | 3.2 |

| Part Number | Rated Voltage | TC Code (Standard) | Capacitance | Length L (mm) | Width W (mm) | Thickness T max. (mm) | Electrode g min. | Electrode e |
|--------------------|---------------|-----------------------|-------------|------------------|-----------------|-----------------------------|------------------|-------------|
| GRJ21AR72E102KWJ1D | 250Vdc | X7R (EIA) | 1000pF±10% | 2 | 1.25 | 1 | 0.7mm | 0.3mm min. |
| GRJ21AR72E152KWJ1D | 250Vdc | X7R (EIA) | 1500pF±10% | 2 | 1.25 | 1 | 0.7mm | 0.3mm min. |
| GRJ21AR72E222KWJ1D | 250Vdc | X7R (EIA) | 2200pF±10% | 2 | 1.25 | 1 | 0.7mm | 0.3mm min. |
| GRJ21AR72E332KWJ1D | 250Vdc | X7R (EIA) | 3300pF±10% | 2 | 1.25 | 1 | 0.7mm | 0.3mm min. |
| GRJ21AR72E472KWJ1D | 250Vdc | X7R (EIA) | 4700pF±10% | 2 | 1.25 | 1 | 0.7mm | 0.3mm min. |
| GRJ21AR72E682KWJ1D | 250Vdc | X7R (EIA) | 6800pF±10% | 2 | 1.25 | 1 | 0.7mm | 0.3mm min. |
| GRJ21BR72E103KWJ3L | 250Vdc | X7R (EIA) | 10000pF±10% | 2 | 1.25 | 1.45 | 0.7mm | 0.3mm min. |
| GRJ21BR72E153KWJ3L | 250Vdc | X7R (EIA) | 15000pF±10% | 2 | 1.25 | 1.45 | 0.7mm | 0.3mm min. |
| GRJ31BR72E153KWJ1L | 250Vdc | X7R (EIA) | 15000pF±10% | 3.2 | 1.6 | 1.25 | 1.2mm | 0.3mm min. |
| GRJ21BR72E223KWJ3L | 250Vdc | X7R (EIA) | 22000pF±10% | 2 | 1.25 | 1.45 | 0.7mm | 0.3mm min. |
| GRJ31BR72E223KWJ1L | 250Vdc | X7R (EIA) | 22000pF±10% | 3.2 | 1.6 | 1.25 | 1.2mm | 0.3mm min. |
| GRJ31CR72E333KWJ3L | 250Vdc | X7R (EIA) | 33000pF±10% | 3.2 | 1.6 | 1.8 | 1.2mm | 0.3mm min. |
| GRJ31CR72E473KWJ3L | 250Vdc | X7R (EIA) | 47000pF±10% | 3.2 | 1.6 | 1.8 | 1.2mm | 0.3mm min. |
| GRJ31BR72E683KWJ1L | 250Vdc | X7R (EIA) | 68000pF±10% | 3.2 | 1.6 | 1.25 | 1.2mm | 0.3mm min. |
| GRJ32QR72E683KWJ1L | 250Vdc | X7R (EIA) | 68000pF±10% | 3.2 | 2.5 | 1.5 | 1.2mm | 0.3mm min. |
| GRJ31CR72E104KWJ3L | 250Vdc | X7R (EIA) | 0.10µF±10% | 3.2 | 1.6 | 1.8 | 1.2mm | 0.3mm min. |
| GRJ32DR72E104KWJ1L | 250Vdc | X7R (EIA) | 0.10µF±10% | 3.2 | 2.5 | 2 | 1.2mm | 0.3mm min. |
| GRJ32QR72E154KWJ1L | 250Vdc | X7R (EIA) | 0.15µF±10% | 3.2 | 2.5 | 1.5 | 1.2mm | 0.3mm min. |
| GRJ43QR72E154KWJ1L | 250Vdc | X7R (EIA) | 0.15µF±10% | 4.5 | 3.2 | 1.5 | 2.2mm | 0.3mm min. |
| GRJ32DR72E224KWJ1L | 250Vdc | X7R (EIA) | 0.22µF±10% | 3.2 | 2.5 | 2 | 1.2mm | 0.3mm min. |
| GRJ43DR72E224KWJ1L | 250Vdc | X7R (EIA) | 0.22µF±10% | 4.5 | 3.2 | 2 | 2.2mm | 0.3mm min. |
| GRJ43DR72E334KWJ1L | 250Vdc | X7R (EIA) | 0.33µF±10% | 4.5 | 3.2 | 2 | 2.2mm | 0.3mm min. |
| GRJ55DR72E334KWJ1L | 250Vdc | X7R (EIA) | 0.33µF±10% | 5.7 | 5 | 2 | 3.2mm | 0.3mm min. |
| GRJ43DR72E474KWJ1L | 250Vdc | X7R (EIA) | 0.47µF±10% | 4.5 | 3.2 | 2 | 2.2mm | 0.3mm min. |
| GRJ55DR72E474KWJ1L | 250Vdc | X7R (EIA) | 0.47µF±10% | 5.7 | 5 | 2 | 3.2mm | 0.3mm min. |
| GRJ55DR72E684KWJ1L | 250Vdc | X7R (EIA) | 0.68µF±10% | 5.7 | 5 | 2 | 3.2mm | 0.3mm min. |
| GRJ55DR72E105KWJ1L | 250Vdc | X7R (EIA) | 1.0µF±10% | 5.7 | 5 | 2 | 3.2mm | 0.3mm min. |





| Part Number | Rated Voltage | TC Code (Standard) | Capacitance | Length L (mm) | Width W (mm) | Thickness T max. (mm) | Electrode g min. | Electrode e |
|--------------------|---------------|-----------------------|-------------|------------------|-----------------|-----------------------------|------------------|-------------|
| GRJ31BR72J102KWJ1L | 630Vdc | X7R (EIA) | 1000pF±10% | 3.2 | 1.6 | 1.25 | 1.2mm | 0.3mm min. |
| GRJ31BR72J152KWJ1L | 630Vdc | X7R (EIA) | 1500pF±10% | 3.2 | 1.6 | 1.25 | 1.2mm | 0.3mm min. |
| GRJ31BR72J222KWJ1L | 630Vdc | X7R (EIA) | 2200pF±10% | 3.2 | 1.6 | 1.25 | 1.2mm | 0.3mm min. |
| GRJ31BR72J332KWJ1L | 630Vdc | X7R (EIA) | 3300pF±10% | 3.2 | 1.6 | 1.25 | 1.2mm | 0.3mm min. |
| GRJ31BR72J472KWJ1L | 630Vdc | X7R (EIA) | 4700pF±10% | 3.2 | 1.6 | 1.25 | 1.2mm | 0.3mm min. |
| GRJ31BR72J682KWJ1L | 630Vdc | X7R (EIA) | 6800pF±10% | 3.2 | 1.6 | 1.25 | 1.2mm | 0.3mm min. |
| GRJ31BR72J103KWJ1L | 630Vdc | X7R (EIA) | 10000pF±10% | 3.2 | 1.6 | 1.25 | 1.2mm | 0.3mm min. |
| GRJ31CR72J153KWJ3L | 630Vdc | X7R (EIA) | 15000pF±10% | 3.2 | 1.6 | 1.8 | 1.2mm | 0.3mm min. |
| GRJ31CR72J223KWJ3L | 630Vdc | X7R (EIA) | 22000pF±10% | 3.2 | 1.6 | 1.8 | 1.2mm | 0.3mm min. |
| GRJ32QR72J223KWJ1L | 630Vdc | X7R (EIA) | 22000pF±10% | 3.2 | 2.5 | 1.5 | 1.2mm | 0.3mm min. |
| GRJ32DR72J333KWJ1L | 630Vdc | X7R (EIA) | 33000pF±10% | 3.2 | 2.5 | 2 | 1.2mm | 0.3mm min. |
| GRJ32DR72J473KWJ1L | 630Vdc | X7R (EIA) | 47000pF±10% | 3.2 | 2.5 | 2 | 1.2mm | 0.3mm min. |
| GRJ43QR72J683KWJ1L | 630Vdc | X7R (EIA) | 68000pF±10% | 4.5 | 3.2 | 1.5 | 2.2mm | 0.3mm min. |
| GRJ43DR72J104KWJ1L | 630Vdc | X7R (EIA) | 0.10µF±10% | 4.5 | 3.2 | 2 | 2.2mm | 0.3mm min. |
| GRJ55DR72J154KWJ1L | 630Vdc | X7R (EIA) | 0.15µF±10% | 5.7 | 5 | 2 | 3.2mm | 0.3mm min. |
| GRJ55DR72J224KWJ1L | 630Vdc | X7R (EIA) | 0.22µF±10% | 5.7 | 5 | 2 | 3.2mm | 0.3mm min. |
| GRJ31BR73A471KWJ1L | 1000Vdc | X7R (EIA) | 470pF±10% | 3.2 | 1.6 | 1.25 | 1.2mm | 0.3mm min. |
| GRJ31BR73A681KWJ1L | 1000Vdc | X7R (EIA) | 680pF±10% | 3.2 | 1.6 | 1.25 | 1.2mm | 0.3mm min. |
| GRJ31BR73A102KWJ1L | 1000Vdc | X7R (EIA) | 1000pF±10% | 3.2 | 1.6 | 1.25 | 1.2mm | 0.3mm min. |
| GRJ31BR73A152KWJ1L | 1000Vdc | X7R (EIA) | 1500pF±10% | 3.2 | 1.6 | 1.25 | 1.2mm | 0.3mm min. |
| GRJ31BR73A222KWJ1L | 1000Vdc | X7R (EIA) | 2200pF±10% | 3.2 | 1.6 | 1.25 | 1.2mm | 0.3mm min. |
| GRJ31BR73A332KWJ1L | 1000Vdc | X7R (EIA) | 3300pF±10% | 3.2 | 1.6 | 1.25 | 1.2mm | 0.3mm min. |
| GRJ31BR73A472KWJ1L | 1000Vdc | X7R (EIA) | 4700pF±10% | 3.2 | 1.6 | 1.25 | 1.2mm | 0.3mm min. |
| GRJ31CR73A682KWJ3L | 1000Vdc | X7R (EIA) | 6800pF±10% | 3.2 | 1.6 | 1.8 | 1.2mm | 0.3mm min. |
| GRJ32QR73A682KWJ1L | 1000Vdc | X7R (EIA) | 6800pF±10% | 3.2 | 2.5 | 1.5 | 1.2mm | 0.3mm min. |
| GRJ31CR73A103KWJ3L | 1000Vdc | X7R (EIA) | 10000pF±10% | 3.2 | 1.6 | 1.8 | 1.2mm | 0.3mm min. |
| GRJ32QR73A103KWJ1L | 1000Vdc | X7R (EIA) | 10000pF±10% | 3.2 | 2.5 | 1.5 | 1.2mm | 0.3mm min. |
| GRJ32DR73A153KWJ1L | 1000Vdc | X7R (EIA) | 15000pF±10% | 3.2 | 2.5 | 2 | 1.2mm | 0.3mm min. |
| GRJ32DR73A223KWJ1L | 1000Vdc | X7R (EIA) | 22000pF±10% | 3.2 | 2.5 | 2 | 1.2mm | 0.3mm min. |
| GRJ43DR73A333KWJ1L | 1000Vdc | X7R (EIA) | 33000pF±10% | 4.5 | 3.2 | 2 | 2.2mm | 0.3mm min. |
| GRJ43DR73A473KWJ1L | 1000Vdc | X7R (EIA) | 47000pF±10% | 4.5 | 3.2 | 2 | 2.2mm | 0.3mm min. |
| GRJ55DR73A683KWJ1L | 1000Vdc | X7R (EIA) | 68000pF±10% | 5.7 | 5 | 2 | 3.2mm | 0.3mm min. |
| GRJ55DR73A104KWJ1L | 1000Vdc | X7R (EIA) | 0.10µF±10% | 5.7 | 5 | 2 | 3.2mm | 0.3mm min. |



| No. | Ite | em | Specifications | | Test Method | | |
|-----|---|-------------|---|--|--|--|--|
| 1 | Operating Temperatu | ire Range | -55 to +125°C | | - | | |
| 2 | Appearan | ice | No defects or abnormalities | Visual inspection | | | |
| 3 | Dimensio | ns | Within the specified dimensions | Using calipers and | micrometers | | |
| 4 | Dielectric | Strength | No defects or abnormalities | applied between the | e observed when voltage in the Table is e terminations for 1 to 5 sec., provided the urrent is less than 50mA. Test Voltage 200% of the rated voltage 150% of the rated voltage 120% of the rated voltage | | |
| 5 | Insulation F (I.R.) | Resistance | C≥0.01μF: More than 100M Ω • μF C<0.01μF: More than 10,000M Ω | | stance should be measured with DC500±50V se of rated voltage: DC250V) and within 60±5 | | |
| 6 | Capacitar | nce | Within the specified tolerance | T | | | |
| 7 | Dissipation Factor (D. | | 0.025 max. | | F. should be measured at a frequency of tage of AC1±0.2V(r.m.s.). | | |
| 8 | Capacitance Temperature Characteristics | | Cap. Change Within ±15% (Temp. Range: -55 to +125°C) | specified in the Tab Step 1 2 3 4 5 •Pretreatment Perform a heat tre let sit for 24±2 hrs | easurement should be made at each step ble. Temperature (°C) 25±2 Min. Operating Temp.±3 25±2 Max. Operating Temp.±2 25±2 atment at 150±9°°C for 60±5 min. and then at room condition.* To the testing jig (glass epoxy board) shown | | |
| 9 | Adhesive of Termin | | No removal of the terminations or other defect should occur. | The soldering shoul should be conducte and free of defects | ce in the direction of the arrow. Id be done using the reflow method and ad with care so that the soldering is uniform such as heat shock. 10N, 10±1s Glass Epoxy Board Fig. 1 | | |
| | | Appearance | No defects or abnormalities | | r to the test jig (glass epoxy board). | | |
| | | Capacitance | Within the specified tolerance | | Id be subjected to a simple harmonic motion itude of 1.5mm, the frequency being varied | | |
| 10 | Vibration Resistance | | | uniformly between the approximate limits of 10 and 55Hz. The frequency range, from 10 to 55Hz and return to 10Hz, should be traversed in approximately 1 min. This motion should be applied for a period of 2 hrs. in each of 3 mutually perpendicular directions (total of 6 hrs.). Solder resist Glass Epoxy Board | | | |

^{* &}quot;Room condition" Temperature: 15 to 35°C, Relative humidity: 45 to 75%, Atmospheric pressure: 86 to 106kPa





 $\begin{tabular}{|c|c|c|c|}\hline \searrow \\\hline \end{tabular}$ Continued from the preceding page.

| \overline{A} | Continued from | om the prece | eding page. | | | | |
|----------------|----------------------|-------------------------------|---|---|--|--|--|
| No. | Ite | em | Specifications | Test Method | | | |
| | | Appearance Capacitance Change | No marking defects Within ±12.5% | Solder the capacitor to the testing jig (glass epoxy board) shown in Fig. 2. Then apply a force in the direction shown in Fig. 3. The soldering should be done using the reflow method and | | | |
| 11 | Deflection | 1 | Dimension (mm) | should be conducted with care so that the soldering is uniform and free of defects such as heat shock. 20 50 Pressurizing speed: 1.0mm/s Pressurize Flexure=3 (2mm for 2.0x1.25mm) Capacitance meter 45 (in mm) Fig. 3 | | | |
| 12 | Termination | | 75% of the terminations are to be soldered evenly and continuously | Immerse the capacitor in a solution of ethanol (JIS-K-8101) and rosin (JIS-K-5902) (25% rosin in weight proportion). Immerse in solder solution for 2±0.5 sec. Immersing speed: 25±2.5mm/s Temp. of solder: 245±5°C Lead Free Solder (Sn-3.0Ag-0.5Cu) 235±5°C H60A or H63A Eutectic Solder | | | |
| | | Appearance | No marking defects | Preheat the capacitor at 120 to 150°C* for 1 min. | | | |
| | | Capacitance Change | Within ±10% | Immerse the capacitor in solder solution at 260±5°C for 10±1 sec. Let sit at room condition* for 24±2 hrs., then measure. •Immersing speed: 25±2.5mm/s | | | |
| | Resistance | D.F. | 0.025 max. | •Pretreatment | | | |
| 13 | to Soldering Heat | I.R. | C≥0.01μF: More than 100M Ω • μF C<0.01μF: More than 10,000M Ω | Perform a heat treatment at 150±18°C for 60±5 min. and then let sit for 24±2 hrs. at room condition.* | | | |
| | | Dielectric Strength | In accordance with item No.4 | *Preheating for more than 3.2×2.5mm Step Temperature Time | | | |
| | | Appearance | No marking defects | Fix the capacitor to the supporting jig (glass epoxy board) shown | | | |
| | | Capacitance Change | Within ±7.5% | in Fig. 4. Perform the 5 cycles according to the 4 heat treatments listed in the following table. | | | |
| | | D.F. | 0.025 max. | Let sit for 24±2 hrs. at room condition,* then measure. | | | |
| | | I.R. | C≥0.01µF: More than 100MΩ • µF C<0.01µF: More than 10.000MΩ | Step Temperature (°C) Time (min.) 1 Min. Operating Temp.±3 30±3 | | | |
| | | | CNO.01µ1 : Wore than 10,000Ws2 | 2 Room Temp. 2 to 3 | | | |
| | Temperature | | | 3 Max. Operating Temp.±2 30±3 4 Room Temp. 2 to 3 | | | |
| 14 | Cycle | Dielectric Strength | In accordance with item No.4 | •Pretreatment Perform a heat treatment at 150±1°°C for 60±5 min. and then let sit for 24±2 hrs. at room condition.* Solder resist Glass Epoxy Board Fig. 4 | | | |
| | | Appearance | No marking defects | | | | |
| | Upper letter | Capacitance Change | Within ±15% | Let the capacitor sit at 40±2°C and relative humidity of 90 to 95% for 500±24 hrs. | | | |
| 15 | Humidity (Steady | D.F. | 0.05 max. | Remove and let sit for 24±2 hrs. at room condition,* then measure. | | | |
| | State) | I.R. | C≥0.01μF: More than 10M Ω • μF C<0.01μF: More than 1,000M Ω | •Pretreatment Perform a heat treatment at 150±18°C for 60±5 min. and then | | | |
| | | Dielectric Strength | In accordance with item No.4 | let sit for 24±2 hrs. at room condition.* | | | |

^{* &}quot;Room condition" Temperature: 15 to 35°C, Relative humidity: 45 to 75%, Atmospheric pressure: 86 to 106kPa





Continued from the preceding page.

| No. | Ite | em | Specifications | | Test Method | | | | |
|-----|----------------------------|------------------------|--|---|--|--|--|--|--|
| | | Appearance | No marking defects | , | ble for $1,000^{\pm48}_{\odot}$ hrs. at maximum $\pm3^{\circ}$ C. Remove and let sit for 24 ± 2 hrs. a | | | | |
| | | Capacitance Change | Within ±15% (rated voltage: DC250V, DC630V) Within ±20% (rated voltage: DC1kV) | room condition,* then | measure. | | | | |
| | | D.F. | 0.05 max. | Rated Voltage DC250V | Applied Voltage 150% of the rated voltage | | | | |
| 16 | Life | I.R. | C≥0.01μF: More than 10MΩ • μF C<0.01μF: More than 1,000MΩ | DC630V DC1kV | 120% of the rated voltage 110% of the rated voltage | | | | |
| | | Dielectric Strength | In accordance with item No.4 | The charge/discharge current is less than 50mA. •Pretreatment Apply test voltage for 60±5 min. at test temperature. Remove and let sit for 24±2 hrs. at room condition.* | | | | | |
| | | Appearance | No marking defects | | | | | | |
| | Humidity Loading | Capacitance Change | Within ±15% | 95% for 500±24hrs. | Apply the rated voltage at 40±2°C and relative humidity of 90 95% for 500±2dhrs. | | | | |
| 17 | (Application: | D.F. | 0.05 max. | Remove and let sit for 24±2 hrs. at room condition,* then measure. | | | | | |
| | DC250V, DC630V item) | I.R. | C≧0.01μF: More than 10MΩ • μF C<0.01μF: More than 1,000MΩ | Pretreatment | | | | | |
| | Nony | Dielectric Strength | In accordance with item No.4 | Remove and let sit fo | Remove and let sit for 24±2 hrs. at room condition.* | | | | |

^{* &}quot;Room condition" Temperature: 15 to 35°C, Relative humidity: 45 to 75%, Atmospheric pressure: 86 to 106kPa



Only for Applications

Chip Monolithic Ceramic Capacitors (Medium Voltage)

Large Capacitance and High Allowable Ripple Current GR3 Series



■ Features

- 1. This series can provide higher capacitance value under DC-Bias condition, compare with previous X7R char.
- 2. Improve the performance of ripple-resistance compared with X7R char.
- 3. Reduce acoustic noise.
- 4. High reliability for board bending stress
- 5. Sn-plated external electrodes provide good soldering, and other types with reflow soldering only.
- 6. Use the GR321/331 types with flow or reflow soldering, and other types with reflow soldering only.

Applications

- 1. DC smoothing & EMI filiter for LED Lighting.
- 2. For PFC circuit in the swiching power supplies,
- 3. DC-DC converter for general electronic equipment.

Do not use these products in any Automotive Power train or Safety equipment incliding Battery chargers for Electric Vehicles and Plug-in Hybrids. Only Murata products clearly stipulated as "for Automotive use" can be used for automobile appliations such as Power train and Safety equipment.



| Part Number | | Din | nensions (mm | 1) | | |
|-------------|---------|----------|--------------|----------|--------|--|
| Fart Number | L | W | T | е | g min. | |
| GR321A | 2.0±0.2 | 1.25±0.2 | 1.0+0,-0.3 | | 0.7 | |
| GR321B | 2.0±0.2 | 1.25±0.2 | 1.25±0.2 | | 0.7 | |
| GR331A | | | 1.0+0,-0.3 | | | |
| GR331B | 3.2±0.2 | 1.6±0.2 | 1.25+0,-0.3 | | | |
| GR331C | | | 1.6±0.2 | | 1.2 | |
| GR332Q | 3.2±0.3 | 2.5±0.2 | 1.5+0,-0.3 | 0.3 min. | | |
| GR332D | 3.2±0.3 | 2.5±0.2 | 2.0+0,-0.3 | | ı | |
| GR343Q | 4.5±0.4 | 3.2±0.3 | 1.5+0,-0.3 | | 2.2 | |
| GR343D | 4.510.4 | 3.210.3 | 2.0+0,-0.3 | 1 | 2.2 | |
| GR355D | 5.7±0.4 | 5.0±0.4 | 2.0+0,-0.3 | | 3.2 | |
| GR355X | 5.710.4 | 3.0±0.4 | 2.7+0,-0.3 | | 3.2 | |
| | | · | | | | |

| Part Number | Rated Voltage | TC Code (Standard) | Capacitance | Length L (mm) | Width W (mm) | Thickness T max. (mm) | Electrode g min. | Electrode e |
|--------------------|---------------|-----------------------|-------------|------------------|-----------------|-----------------------------|------------------|-------------|
| GR321AD72E103KW01D | 250Vdc | X7T (EIA) | 10000pF±10% | 2 | 1.25 | 1 | 0.7mm | 0.3mm min. |
| GR321AD72E153KW01D | 250Vdc | X7T (EIA) | 15000pF±10% | 2 | 1.25 | 1 | 0.7mm | 0.3mm min. |
| GR321BD72E223KW03L | 250Vdc | X7T (EIA) | 22000pF±10% | 2 | 1.25 | 1.45 | 0.7mm | 0.3mm min. |
| GR331AD72E333KW01D | 250Vdc | X7T (EIA) | 33000pF±10% | 3.2 | 1.6 | 1 | 1.2mm | 0.3mm min |
| GR331BD72E473KW01L | 250Vdc | X7T (EIA) | 47000pF±10% | 3.2 | 1.6 | 1.25 | 1.2mm | 0.3mm min |
| GR331CD72E683KW03L | 250Vdc | X7T (EIA) | 68000pF±10% | 3.2 | 1.6 | 1.8 | 1.2mm | 0.3mm min |
| GR332QD72E104KW01L | 250Vdc | X7T (EIA) | 0.10µF±10% | 3.2 | 2.5 | 1.5 | 1.2mm | 0.3mm min |
| GR332DD72E154KW01L | 250Vdc | X7T (EIA) | 0.15µF±10% | 3.2 | 2.5 | 2 | 1.2mm | 0.3mm min |
| GR343QD72E224KW01L | 250Vdc | X7T (EIA) | 0.22µF±10% | 4.5 | 3.2 | 1.5 | 2.2mm | 0.3mm min |
| GR343DD72E334KW01L | 250Vdc | X7T (EIA) | 0.33µF±10% | 4.5 | 3.2 | 2 | 2.2mm | 0.3mm min |
| GR355DD72E474KW01L | 250Vdc | X7T (EIA) | 0.47µF±10% | 5.7 | 5.0 | 2 | 3.2mm | 0.3mm min |
| GR355DD72E684KW01L | 250Vdc | X7T (EIA) | 0.68µF±10% | 5.7 | 5.0 | 2 | 3.2mm | 0.3mm min |
| GR355XD72E105KW05L | 250Vdc | X7T (EIA) | 1.0µF±10% | 5.7 | 5.0 | 2.7 | 3.2mm | 0.3mm min |
| GR331AD72W103KW01D | 450Vdc | X7T (EIA) | 10000pF±10% | 3.2 | 1.6 | 1 | 1.2mm | 0.3mm min |
| GR331AD72W153KW01D | 450Vdc | X7T (EIA) | 15000pF±10% | 3.2 | 1.6 | 1 | 1.2mm | 0.3mm min |
| GR331BD72W223KW01L | 450Vdc | X7T (EIA) | 22000pF±10% | 3.2 | 1.6 | 1.25 | 1.2mm | 0.3mm min |
| GR331BD72W333KW01L | 450Vdc | X7T (EIA) | 33000pF±10% | 3.2 | 1.6 | 1.25 | 1.2mm | 0.3mm min |
| GR331CD72W473KW03L | 450Vdc | X7T (EIA) | 47000pF±10% | 3.2 | 1.6 | 1.8 | 1.2mm | 0.3mm min |
| GR332DD72W683KW01L | 450Vdc | X7T (EIA) | 68000pF±10% | 3.2 | 2.5 | 2 | 1.2mm | 0.3mm min |
| GR332DD72W104KW01L | 450Vdc | X7T (EIA) | 0.10µF±10% | 3.2 | 2.5 | 2 | 1.2mm | 0.3mm min |
| GR343DD72W154KW01L | 450Vdc | X7T (EIA) | 0.15µF±10% | 4.5 | 3.2 | 2 | 2.2mm | 0.3mm min |
| GR355DD72W224KW01L | 450Vdc | X7T (EIA) | 0.22µF±10% | 5.7 | 5.0 | 2 | 3.2mm | 0.3mm min |
| GR355DD72W334KW01L | 450Vdc | X7T (EIA) | 0.33µF±10% | 5.7 | 5.0 | 2 | 3.2mm | 0.3mm min |
| GR355DD72W474KW01L | 450Vdc | X7T (EIA) | 0.47µF±10% | 5.7 | 5.0 | 2 | 3.2mm | 0.3mm min |
| GR355XD72W564KW05L | 450Vdc | X7T (EIA) | 0.56µF±10% | 5.7 | 5.0 | 2.7 | 3.2mm | 0.3mm min |



| Continued from the preceding p | Continued from the preceding page. | | | | | | | | | |
|--------------------------------|------------------------------------|-----------------------|-------------|------------------|-----------------|-----------------------------|------------------|-------------|--|--|
| Part Number | Rated Voltage | TC Code (Standard) | Capacitance | Length L (mm) | Width W (mm) | Thickness T max. (mm) | Electrode g min. | Electrode e | | |
| GR331BD72J103KW01L | 630Vdc | X7T (EIA) | 10000pF±10% | 3.2 | 1.6 | 1.25 | 1.2mm | 0.3mm min. | | |
| GR331CD72J153KW03L | 630Vdc | X7T (EIA) | 15000pF±10% | 3.2 | 1.6 | 1.8 | 1.2mm | 0.3mm min. | | |
| GR332QD72J223KW01L | 630Vdc | X7T (EIA) | 22000pF±10% | 3.2 | 2.5 | 1.5 | 1.2mm | 0.3mm min. | | |
| GR332DD72J333KW01L | 630Vdc | X7T (EIA) | 33000pF±10% | 3.2 | 2.5 | 2 | 1.2mm | 0.3mm min. | | |
| GR332DD72J473KW01L | 630Vdc | X7T (EIA) | 47000pF±10% | 3.2 | 2.5 | 2 | 1.2mm | 0.3mm min. | | |
| GR343DD72J683KW01L | 630Vdc | X7T (EIA) | 68000pF±10% | 4.5 | 3.2 | 2 | 2.2mm | 0.3mm min. | | |
| GR355DD72J104KW01L | 630Vdc | X7T (EIA) | 0.1µF±10% | 5.7 | 5.0 | 2 | 3.2mm | 0.3mm min. | | |
| GR355DD72J154KW01L | 630Vdc | X7T (EIA) | 0.15µF±10% | 5.7 | 5.0 | 2 | 3.2mm | 0.3mm min. | | |
| GR355XD72J224KW05L | 630Vdc | X7T (EIA) | 0.22µF±10% | 5.7 | 5.0 | 2.7 | 3.2mm | 0.3mm min. | | |
| GR355XD72J274KW05L | 630Vdc | X7T (EIA) | 0.27µF±10% | 5.7 | 5.0 | 2.7 | 3.2mm | 0.3mm min. | | |

| No. | Ite | em | Specifications | | Test Method | |
|-----|---|-------------|--|---|---|--|
| 1 | Operating Temperatu | ıre Range | −55 to +125°C | | - | |
| 2 | Appearan | ice | No defects or abnormalities | Visual inspection | | |
| 3 | Dimensio | ns | Within the specified dimensions | Using calipers and | micrometers | |
| 4 | Dielectric Strength | | No defects or abnormalities | between the termina | e observed when voltage in Table is applied ations for 1 to 5 sec., provided the urrent is less than 50mA. Test Voltage 200% of the rated voltage 150% of the rated voltage 120% of the rated voltage | |
| 5 | Insulation Resistance (I.R.) | | More than 10,000M Ω or 100M Ω • μ F (Whichever is smaller) | | tance should be measured with DC500±50V e of rated voltage: DC250V, DC450V) and charging. | |
| 6 | Capacitar | nce | Within the specified tolerance | Th /D | | |
| 7 | Dissipation Factor (D | | 0.01 max. | | F. should be measured at a frequency of tage of AC1±0.2V(r.m.s.). | |
| 8 | Capacitance 8 Temperature Characteristics | | Cap. Change Within ±ểể% (Temp. Range: –55 to +125°C) | specified in the Tab Step 1 2 3 4 5 Pretreatment Perform a heat tre | easurement should be made at each step le. Temperature (°C) 25±2 Min. Operating Temp.±3 25±2 Max. Operating Temp.±2 25±2 atment at 150±9°C for 60±5 min. and then at room condition.* | |
| 9 | Adhesive of Termin | | No removal of the terminations or other defect should occur. | in Fig. 1. Then apply 10N for The soldering should be soldering should be soldering should be soldered by the soldering should be soldered by the soldered by | to the testing jig (glass epoxy board) shown to the direction of the arrow. It is to be done using the reflow method and do with care so that the soldering is uniform such as heat shock. | |
| | | Appearance | No defects or abnormalities | Solder the capacito | r to the test jig (glass epoxy board). | |
| | | Capacitance | Within the specified tolerance | The capacitor shoul | d be subjected to a simple harmonic motion | |
| 10 | Vibration Resistance | ation | | having a total amplitude of 1.5mm, the frequency being varied uniformly between the approximate limits of 10 and 55Hz. The frequency range, from 10 to 55Hz and return to 10Hz, should be traversed in approximately 1 min. This motion should be applied for a period of 2 hrs. in each of 3 mutually perpendicular directions (total of 6 hrs.). Solder resist Glass Epoxy Board | | |

^{* &}quot;Room condition" Temperature: 15 to 35°C, Relative humidity: 45 to 75%, Atmospheric pressure: 86 to 106kPa





Continued from the preceding page.

| No. | Ite | em | | SI | oecification | s | | | Test Method | | |
|-----|----------------------------|------------------------|------------------------------|-----------------------------|---------------|--------------|-----------------|--|---|---------------------------------|--|
| | | | No marking defe | ects | | | | Solder the cap | pacitor to the testing jig (glass | s epoxy board) shown | |
| | | | 04.5 | | | | | Then apply a force in the direction shown in Fig. 3. The soldering should be done using the reflow method and should be conducted with care so that the soldering is uniform and free of defects such as heat shock. | | | |
| 11 | Deflection | , | | 4 | 100 | t:1.6 | | | 20 50 Pressurizin speed : 1.0 | g mm/s | |
| '' | Dellection | | | | Fig. 2 | | | | R230 Pressurize | | |
| | | | L×W | | | ion (mm) | -1 | | Flevu | re=2 (1mm for 2.0×1.25mm) | |
| | | | (mm) 2.0×1.25 | <u>a</u> 1.2 | 4.0 | 1.65 | d | | Capacitance meter | 16-2 (111111 101 2.0×1.2011111) | |
| | | | 3.2×1.6 | 2.2 | 5.0 | 2.0 | | | 45 45 | | |
| | | | 3.2×2.5 | 2.2 | 5.0 | 2.9 | 1.0 | | F: - 0 | (in mm) | |
| | | | 4.5×3.2 5.7×5.0 | 3.5 4.5 | 7.0 8.0 | 3.7 5.6 | - | | Fig. 3 | | |
| | | | | | 0.0 | 0.0 | | Immoreo tho | capacitor in a colution of other | anol / IIS K 9101) and | |
| 12 | Solderabi Terminati | | 75% of the termin | nations are | to be soldere | ed evenly an | d continuously. | Immerse the capacitor in a solution of ethanol (JIS-K-8101) and rosin (JIS-K-5902) (25% rosin in weight proportion). Immerse in solder solution for 2±0.5 sec. Immersing speed: 25±2.5mm/s Temp. of solder: 245±5°C Lead Free Solder (Sn-3.0Ag-0.5Cu) 235±5°C H60A or H63A Eutectic Solder | | | |
| | | Appearance | No marking defe | ects | | | | | apacitor at 120 to 150°C* for | | |
| | | Capacitance Change | Within ±10% | | | | | Immerse the capacitor in solder solution at 260±5°C for 10±1 sec. Let sit at room condition* for 24±2 hrs., then measure. •Immersing speed: 25±2.5mm/s | | | |
| | D '. I | D.F. | 0.01 max. | | | | | Pretreatme | - | | |
| 13 | Resistance to Soldering | I.R. | More than 10,00 | 00MΩ or 10 | 00ΜΩ • μF (| Whichever | is smaller) | | eat treatment at 150±18°C fo ±2 hrs. at room condition.* | r 60±5 min. and then | |
| | Heat | | In accordance with item No.4 | | | | | *Drobooting | ior mara than 2 200 Emm | | |
| | | Dielectric Strength | | | | | | Step | or more than 3.2×2.5mm Temperature | Time | |
| | | | | | | | | 1 | 100 to 120°C | 1 min. | |
| | | | | | | | | 2 | 170 to 200°C | 1 min. | |
| | | Appearance | No marking defe | ects | | | | | tor to the supporting jig (glass | epoxy board) shown | |
| | | Capacitance | Within ±7.5% | | | | | in Fig. 4. Perform the 5 cycles according to the 4 heat treatments listed in | | | |
| | | Change | | | | | | the following | table. | | |
| | | D.F. | 0.01 max. | | | | | Let sit for 24± | 2 hrs. at room condition,* the | | |
| | | I.R. | More than 10,00 | $00 \mathrm{M}\Omega$ or 10 | 00MΩ • μF (| Whichever | is smaller) | Step 1 | Temperature (°C) Min. Operating Temp3 | Time (min.) 30±3 | |
| | | | | | | | | 2 | Room Temp. | 2 to 3 | |
| | | | | | | | | 3 | Max. Operating Temp. +3 | 30±3 | |
| 14 | Temperature | | | | | | | 4 | Room Temp. | 2 to 3 | |
| | Cycle | Dielectric Strength | In accordance v | vith item No | 5.4 | | | | eat treatment at 150±18°C fo £2 hrs. at room condition.* | r 60±5 min. and then | |
| | | A | Na manufatra e el 1 | | | | | | Fig. 4 | | |
| | | Appearance Capacitance | No marking defe | ects | | | | | itor sit at 40±2°C and relative | humidity of 90 to 95% | |
| | Humidity | Change | Within ±12.5% | | | | | | s. let sit for 24±2 hrs. at room c | ondition,* then | |
| 15 | (Steady State) | D.F. | 0.02 max. | | | | | measure. •Pretreatme | nt | | |
| | 2.2.0, | I.R. | More than 1,000 | OMΩ or 10I | MΩ • μF (Wh | hichever is | smaller) | Perform a he | eat treatment at 150±10°C fo | r 60±5 min. and then | |
| | | Dielectric Strength | In accordance v | vith item No | 0.4 | | | let sit for 24±2 hrs. at room condition.* | | | |

^{* &}quot;Room condition" Temperature: 15 to 35°C, Relative humidity: 45 to 75%, Atmospheric pressure: 86 to 106kPa





Continued from the preceding page.

| No. | Ite | em | Specifications | Test Method | | | |
|-----|---------------------|------------------------|--|---|--|--|--|
| | | Appearance | No marking defects | Apply voltage as Table for 1,000 ⁺⁴⁸ _o hrs. at maximum | | | |
| | | Capacitance Change | Within ±12.5% | operating temperature ±3°C. Remove and let sit for 24±2hrs. at room condition,* then measure. | | | |
| | | D.F. | 0.02 max. | Rated Voltage Applied Voltage DC250V 150% of the rated voltage | | | |
| 16 | Life | I.R. | More than 1,000M Ω or 10M Ω • µF (Whichever is smaller) | DC450V 130% of the rated voltage DC630V 120% of the rated voltage | | | |
| | | Dielectric Strength | In accordance with item No.4 | The charge/discharge current is less than 50mA. •Pretreatment Apply test voltage for 60±5 min. at test temperature. Remove and let sit for 24±2 hrs. at room condition.* | | | |
| | | Appearance | No marking defects | | | | |
| | | Capacitance Change | Within ±12.5% | Apply the rated voltage at 40±2°C and relative humidity of 90 to 95% for 500±24hrs. Remove and let sit for 24±2 hrs. at room condition,* then | | | |
| 17 | Humidity Loading | D.F. | 0.02 max. | measure. | | | |
| | Locaring | I.R. | More than 1,000M Ω or 10M Ω • μ F (Whichever is smaller) | Pretreatment Apply test voltage for 60±5 min. at test temperature. | | | |
| | | Dielectric Strength | In accordance with item No.4 | Remove and let sit for 24±2 hrs. at room condition.* | | | |

^{* &}quot;Room condition" Temperature: 15 to 35°C, Relative humidity: 45 to 75%, Atmospheric pressure: 86 to 106kPa



AC250V Type GA2 Series

Chip Monolithic Ceramic Capacitors (Medium Voltage)

For LCD Backlight Inverter Circuit GRM/DC3.15kV Series

Features

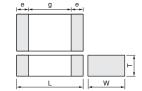
- 1. Low-loss and suitable for high frequency circuits
- 2. Murata's original internal electrode structure realizes high flash-over voltage.
- A new monolithic structure for small, surfacemountable devices capable of operating at high voltage levels.
- 4. Sn-plated external electrodes realize good solderability.
- 5. Only for reflow soldering
- Capacitance values less than 22pF can be used in LCD backlight inverter circuits as long as the applied voltage, peak to peak, is less than 4.0kV at 100kHz or less.

Applications

Ideal for use as the ballast in LCD backlight inverter.

Do not use these products in any Automotive Power train or Safety equipment including Battery chargers for Electric Vehicles and Plug-in Hybrids. Only Murata products clearly stipulated as "for Automotive use" can be used for automobile applications such as Power train and Safety equipment.





| Part Number | Dimensions (mm) | | | | | | |
|-------------|-----------------|----------|--------------|--------|--------|--|--|
| Part Number | L | W | Т | e min. | g min. | | |
| GRM42A | 4.5 ±0.3 | 2.0 ±0.2 | 1.0 +0, -0.3 | 0.3 | 2.9 | | |

| Part Number | Rated Voltage | TC Code (Standard) | Capacitance | Length L (mm) | Width W (mm) | Thickness T max. (mm) | Electrode g min. | Electrode e |
|--------------------|---------------|-----------------------|-------------|------------------|-----------------|-----------------------------|------------------|-------------|
| GRM42A5C3F050DW01L | 3150Vdc | C0G (EIA) | 5.0pF±0.5pF | 4.5 | 2.0 | 1 | 2.9mm | 0.3mm min. |
| GRM42A5C3F100JW01L | 3150Vdc | C0G (EIA) | 10pF±5% | 4.5 | 2.0 | 1 | 2.9mm | 0.3mm min. |
| GRM42A5C3F120JW01L | 3150Vdc | C0G (EIA) | 12pF±5% | 4.5 | 2.0 | 1 | 2.9mm | 0.3mm min. |
| GRM42A5C3F150JW01L | 3150Vdc | C0G (EIA) | 15pF±5% | 4.5 | 2.0 | 1 | 2.9mm | 0.3mm min. |
| GRM42A5C3F180JW01L | 3150Vdc | C0G (EIA) | 18pF±5% | 4.5 | 2.0 | 1 | 2.9mm | 0.3mm min. |
| GRM42A5C3F220JW01L | 3150Vdc | C0G (EIA) | 22pF±5% | 4.5 | 2.0 | 1 | 2.9mm | 0.3mm min. |
| GRM42A5C3F270JW01L | 3150Vdc | C0G (EIA) | 27pF±5% | 4.5 | 2.0 | 1 | 2.9mm | 0.3mm min. |
| GRM42A5C3F330JW01L | 3150Vdc | C0G (EIA) | 33pF±5% | 4.5 | 2.0 | 1 | 2.9mm | 0.3mm min. |
| GRM42A5C3F390JW01L | 3150Vdc | C0G (EIA) | 39pF±5% | 4.5 | 2.0 | 1 | 2.9mm | 0.3mm min. |
| GRM42A5C3F470JW01L | 3150Vdc | C0G (EIA) | 47pF±5% | 4.5 | 2.0 | 1 | 2.9mm | 0.3mm min. |



| No. | Ite | em | Specifications | Test Method | | |
|-----|---|------------|---|--|--|--|
| 1 | Operating Temperatu | ıre Range | -55 to +125°C | - | | |
| 2 | Appearar | ice | No defects or abnormalities | Visual inspection | | |
| 3 | Dimensio | ns | Within the specified dimension | Using calipers and micrometers | | |
| 4 | Dielectric | Strength | No defects or abnormalities | No failure should be observed when DC4095V is applied between the terminations for 1 to 5 sec., provided the charge/ discharge current is less than 50mA. | | |
| 5 | Insulation Resistance (I.R.) | | More than 10,000M Ω | The insulation resistance should be measured with DC500±50V and within 60±5 sec. of charging. | | |
| 6 | Capacita | nce | Within the specified tolerance | The capacitance/Q should be measured at a frequency of | | |
| 7 | Q | | 1,000 min. | 1±0.2MHz and a voltage of AC0.5 to 5V(r.m.s.). | | |
| | | | | The capacitance measurement should be made at each step specified in the Table. | | |
| 8 | Capacitance Temperature Characteristics | | Temp. Coefficient 0±30ppm/°C (Temp. Range: +25 to +125°C) 0+30, -72ppm/°C (Temp. Range: -55 to +25°C) | Step Temperature (°C) 1 25±2 2 Min. Operating Temp.±3 3 25±2 4 Max. Operating Temp.±2 5 25±2 | | |
| 9 | Adhesive Strength of Termination | | No removal of the terminations or other defect should occur. | Solder the capacitor to the testing jig (glass epoxy board) shown in Fig. 1. Then apply 10N force in the direction of the arrow. The soldering should be done using the reflow method and should be conducted with care so that the soldering is uniform and free of defects such as heat shock. 10N, 10±1s Glass Epoxy Board Fig. 1 | | |
| | | Appearance | No defects or abnormalities | Solder the capacitor to the test jig (glass epoxy board). | | |
| 10 | Capacitance | | Within the specified tolerance 1,000 min. | The capacitor should be subjected to a simple harmonic motion having a total amplitude of 1.5mm, the frequency being varied uniformly between the approximate limits of 10 and 55Hz. The frequency range, from 10 to 55Hz and return to 10Hz, should be traversed in approximately 1 min. This motion should be applied for a period of 2 hrs. in each of 3 mutually perpendicular directions (total of 6 hrs.). Solder resist Glass Epoxy Board | | |
| 11 | 11 Deflection | | No marking defects | Solder the capacitor to the testing jig (glass epoxy board) shown in Fig. 2. Then apply a force in the direction shown in Fig. 3. The soldering should be done using the reflow method and should be conducted with care so that the soldering is uniform and free of defects such as heat shock. Pressurizing speed: 1.0mm/s Pressurize Pressurize Flexure=1 Capacitance meter (in mm) Fig. 3 | | |





Ontinued from the preceding page.

| No. | Ite | em | Specifications | Test Method | | | | |
|-----|------------------------------|---------------------------|---|--|--|--|--|--|
| 12 | Solderability of Termination | | 75% of the terminations are to be soldered evenly and continuously. | Immerse the capacitor in a solution of ethanol (JIS-K-8101) and rosin (JIS-K-5902) (25% rosin in weight proportion). Immerse in solder solution for 2±0.5 sec. Immersing speed: 25±2.5mm/s Temp. of solder: 245±5°C Lead Free Solder (Sn-3.0Ag-0.5Cu) 235±5°C H60A or H63A Eutectic Solder | | | | |
| | | Appearance | No marking defects | Preheat the capacitor as in table. | | | | |
| | Resistance | Capacitance Change | Within ±2.5% | Immerse the capacitor in solder solution at 260±5°C for 10±1 sec. Let sit at room condition* for 24±2 hrs., then measure. •Immersing speed: 25±2.5mm/s | | | | |
| 13 | to Soldering | Q | 1,000 min. | | | | | |
| | Heat | I.R. | More than 10,000M Ω | *Preheating | | | | |
| | | Dielectric Strength | In accordance with item No.4 | Step Temperature Time 1 100 to 120°C 1 min. 2 170 to 200°C 1 min. | | | | |
| | | Appearance | No marking defects | Fix the capacitor to the supporting jig (glass epoxy board) shown | | | | |
| | | Capacitance Change | Within ±2.5% | in Fig. 4. Perform the 5 cycles according to the 4 heat treatments listed in the following table. | | | | |
| | | Q | 1,000 min. | Let sit for 24±2 hrs. at room condition,* then measure. | | | | |
| | | I.R. | More than $10,000M\Omega$ | Step Temperature (°C) Time (min.) | | | | |
| 14 | Temperature Cycle | Dielectric Strength | In accordance with item No.4 | 1 Min. Operating Temp.±3 30±3 2 Room Temp. 2 to 3 3 Max. Operating Temp.±2 30±3 4 Room Temp. 2 to 3 4 Room Temp. 2 to 3 Solder resist Cu Glass Epoxy Board | | | | |
| | | | N | Fig. 4 | | | | |
| | | Appearance Capacitance | No marking defects Within ±5.0% | | | | | |
| 15 | Humidity (Steady | Change Q | 350 min. | Let the capacitor sit at 40±2°C and relative humidity of 90 to 95% for 500±24hrs. | | | | |
| 13 | State) | I.R. | More than 1,000M Ω | Remove and let sit for 24±2 hrs. at room condition,* then measure. | | | | |
| | | Dielectric Strength | In accordance with item No.4 | industric. | | | | |
| | | Appearance | No marking defects | | | | | |
| | | Capacitance Change | Within ±3.0% | Apply 120% of the rated voltage for 1,000 ^{±48} hrs. at maximum operating temperature ±3°C. | | | | |
| 16 | Life | Q | 350 min. | Remove and let sit for 24±2 hrs. at room condition,* then | | | | |
| | | I.R. | More than 1,000M Ω | measure. The charge/discharge current is less than 50mA. | | | | |
| | | Dielectric Strength | In accordance with item No.4 | The Grange/discharge current is less than bulliA. | | | | |

 $^{^{\}star}$ "Room condition" Temperature: 15 to 35°C, Relative humidity: 45 to 75%, Atmospheric pressure: 86 to 106kPa



Chip Monolithic Ceramic Capacitors (Medium Voltage)

For Information Devices GR4 Series

■ Features

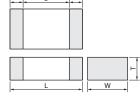
- These items are designed specifically for telecommunications devices (IEEE802.3) in Ethernet LAN and primary-secondary coupling for DC-DC converters.
- A new monolithic structure for small, high capacitance capable of operating at high voltage levels
- 3. Sn-plated external electrodes realize good solderability.
- 4. Only for reflow soldering

Applications

- Ideal for use on telecommunications devices in Ethernet LAN
- 2. Ideal for use as primary-secondary coupling for DC-DC converters

Do not use these products in any Automotive Power train or Safety equipment including Battery charger for Electric Vehicles and Plug-in Hybrid. Only Murata products clearly stipulated as "for Automotive use" can be used for automobile applications such as Power train and Safety equipment.





| | | Dime | ensions (mm) | | |
|-------------|----------|----------|--------------|--------|--------|
| Part Number | L | W | Т | e min. | g min. |
| GR442Q | 4.5 ±0.3 | 2.0 ±0.2 | 1.5 +0, -0.3 | | |
| GR443D | 4.5 ±0.4 | 00.00 | 2.0 +0, -0.3 | 0.3 | 2.5 |
| GR443Q | 4.5 ±0.4 | 3.2 ±0.3 | 1.5 +0, -0.3 | 0.3 | |
| GR455D | 5.7 ±0.4 | 5.0 ±0.4 | 2.0 +0, -0.3 | | 3.2 |

| Part Number | Rated Voltage | TC Code (Standard) | Capacitance | Length L (mm) | Width W (mm) | Thickness T max. (mm) | Electrode g min. | Electrode e |
|--------------------|---------------|-----------------------|-------------|------------------|-----------------|-----------------------------|------------------|-------------|
| GR442QR73D101KW01L | 2000Vdc | X7R (EIA) | 100pF±10% | 4.5 | 2 | 1.5 | 2.5mm | 0.3mm min. |
| GR442QR73D121KW01L | 2000Vdc | X7R (EIA) | 120pF±10% | 4.5 | 2 | 1.5 | 2.5mm | 0.3mm min. |
| GR442QR73D151KW01L | 2000Vdc | X7R (EIA) | 150pF±10% | 4.5 | 2 | 1.5 | 2.5mm | 0.3mm min. |
| GR442QR73D181KW01L | 2000Vdc | X7R (EIA) | 180pF±10% | 4.5 | 2 | 1.5 | 2.5mm | 0.3mm min. |
| GR442QR73D221KW01L | 2000Vdc | X7R (EIA) | 220pF±10% | 4.5 | 2 | 1.5 | 2.5mm | 0.3mm min. |
| GR442QR73D271KW01L | 2000Vdc | X7R (EIA) | 270pF±10% | 4.5 | 2 | 1.5 | 2.5mm | 0.3mm min. |
| GR442QR73D331KW01L | 2000Vdc | X7R (EIA) | 330pF±10% | 4.5 | 2 | 1.5 | 2.5mm | 0.3mm min. |
| GR442QR73D391KW01L | 2000Vdc | X7R (EIA) | 390pF±10% | 4.5 | 2 | 1.5 | 2.5mm | 0.3mm min. |
| GR442QR73D471KW01L | 2000Vdc | X7R (EIA) | 470pF±10% | 4.5 | 2 | 1.5 | 2.5mm | 0.3mm min. |
| GR442QR73D561KW01L | 2000Vdc | X7R (EIA) | 560pF±10% | 4.5 | 2 | 1.5 | 2.5mm | 0.3mm min. |
| GR442QR73D681KW01L | 2000Vdc | X7R (EIA) | 680pF±10% | 4.5 | 2 | 1.5 | 2.5mm | 0.3mm min. |
| GR442QR73D821KW01L | 2000Vdc | X7R (EIA) | 820pF±10% | 4.5 | 2 | 1.5 | 2.5mm | 0.3mm min. |
| GR442QR73D102KW01L | 2000Vdc | X7R (EIA) | 1000pF±10% | 4.5 | 2 | 1.5 | 2.5mm | 0.3mm min. |
| GR442QR73D122KW01L | 2000Vdc | X7R (EIA) | 1200pF±10% | 4.5 | 2 | 1.5 | 2.5mm | 0.3mm min. |
| GR442QR73D152KW01L | 2000Vdc | X7R (EIA) | 1500pF±10% | 4.5 | 2 | 1.5 | 2.5mm | 0.3mm min. |
| GR443QR73D182KW01L | 2000Vdc | X7R (EIA) | 1800pF±10% | 4.5 | 3.2 | 1.5 | 2.5mm | 0.3mm min. |
| GR443QR73D222KW01L | 2000Vdc | X7R (EIA) | 2200pF±10% | 4.5 | 3.2 | 1.5 | 2.5mm | 0.3mm min. |
| GR443QR73D272KW01L | 2000Vdc | X7R (EIA) | 2700pF±10% | 4.5 | 3.2 | 1.5 | 2.5mm | 0.3mm min. |
| GR443QR73D332KW01L | 2000Vdc | X7R (EIA) | 3300pF±10% | 4.5 | 3.2 | 1.5 | 2.5mm | 0.3mm min. |
| GR443QR73D392KW01L | 2000Vdc | X7R (EIA) | 3900pF±10% | 4.5 | 3.2 | 1.5 | 2.5mm | 0.3mm min. |
| GR443DR73D472KW01L | 2000Vdc | X7R (EIA) | 4700pF±10% | 4.5 | 3.2 | 2 | 2.5mm | 0.3mm min. |
| GR455DR73D103KW01L | 2000Vdc | X7R (EIA) | 10000pF±10% | 5.7 | 5 | 2 | 3.2mm | 0.3mm min. |



| No. | Ite | m | Specifications | Test Method | | | |
|-----|---|-------------|--|--|-----------|--|--|
| 1 | Operating Temperatu | re Range | -55 to +125°C | - | | | |
| 2 | Appearan | се | No defects or abnormalities | Visual inspection | | | |
| 3 | Dimensio | ns | Within the specified dimensions | Using calipers and micrometers | | | |
| 4 | Dielectric Strength | | No defects or abnormalities | No failure should be observed when voltage in the table is applied between the terminations, provided the charge/discharge current is less than 50mA. Rated Voltage Test Voltage Time | | | |
| 5 | Pulse Vol | tage | No self healing breakdowns or flash-overs have taken place in the capacitor. | AC1500V(r.m.s.) 60±1 sec. 10 impulses of alternating polarity are subjected. (5 impulses for each polarity) The interval between impulses is 60 sec. Applied Pulse: 1.2/50μs Applied Voltage: 2.5kVo-p | | | |
| 6 | Insulation F (I.R.) | Resistance | More than $6{,}000M\Omega$ | The insulation resistance should be measured with and within 60±5 sec. of charging. | DC500±50V | | |
| 7 | Capacitar | nce | Within the specified tolerance | The capacitance/D.F. should be measured at a fre- | auency of | | |
| 8 | Dissipation Factor (D. | | 0.025 max. | 1±0.2kHz and a voltage of AC1±0.2V(r.m.s.). | | | |
| 9 | Capacitance 9 Temperature Characteristics | | Cap. Change within ±15% (Temp. Range: –55 to +125°C) | The capacitance measurement should be made at each step specified in the Table. Step | | | |
| 10 | Adhesive of Termin | _ | No removal of the terminations or other defect should occur. | Solder the capacitor to the testing jig (glass epoxy to in Fig. 1. Then apply 10N force in the direction of the arrow. The soldering should be done using the reflow met should be conducted with care so that the soldering and free of defects such as heat shock. 10N, 10±1s Glass Epoxy Board Glass Epoxy Board Fig. 1 | thod and | | |
| | | Appearance | No defects or abnormalities | Solder the capacitor to the test jig (glass epoxy box | ard). | | |
| | | Capacitance | Within the specified tolerance | The capacitor should be subjected to a simple harr | | | |
| 11 | Vibration Resistance | ion | | having a total amplitude of 1.5mm, the frequency being varied uniformly between the approximate limits of 10 and 55Hz. The frequency range, from 10 to 55Hz and return to 10Hz, should be traversed in approximately 1 min. This motion should be applied for a period of 2 hrs. in each of 3 mutually perpendicular directions (total of 6 hrs.). Solder resist Glass Epoxy Board | | | |

^{* &}quot;Room condition" Temperature: 15 to 35°C, Relative humidity: 45 to 75%, Atmospheric pressure: 86 to 106kPa





 $\begin{tabular}{|c|c|c|c|}\hline \end{tabular}$ Continued from the preceding page.

| A | Continued fr | om the prece | eding page. | | | | | | | |
|-----|----------------------|------------------------|----------------------------------|------------------------|----------------------------------|-------------------|----------|--|--|--|
| No. | Ite | em | | Sı | pecifications | s | | | Test Method | |
| 12 | Deflection | lity of | L×W (mm) 4.5×2.0 4.5×3.2 5.7×5.0 | a 3.5 3.5 4.5 | 100 Fig. 2 Dimensi b 7.0 7.0 8.0 | 2.4 3.7 5.6 | d 1.0 | Solder the capacitor to the testing jig (glass epoxy board) shown in Fig. 2. Then apply a force in the direction shown in Fig. 3. The soldering should be done using the reflow method and should be conducted with care so that the soldering is uniform and free of defects such as heat shock. 20 50 Pressurizing speed: 1.0mm/s Pressurize Pressurize Flexure=1 Capacitance meter (in mm) Fig. 3 Immerse the capacitor in a solution of ethanol (JIS-K-8101) and rosin (JIS-K-5902) (25% rosin in weight proportion). Immerse in solder solution for 2±0.5 sec. | | n Fig. 3. flow method and soldering is uniform n/s (in mm) nol (JIS-K-8101) and |
| | Terminati | OII | | | | - | | 0 1 | eed: 25±2.5mm/s er: 245±5°C Lead Free Solde 235±5°C H60A or H63A E | , |
| | | Appearance | No marking def | ects | | | | | apacitor as in table. | 260+5°C for 10+1 |
| | | Capacitance Change | Within ±10% | | | | | Immerse the capacitor in solder solution at 260±5°C for 10±1 sec. Let sit at room condition* for 24±2 hrs., then measure. •Immersing speed: 25±2.5mm/s | | |
| | Resistance | D.F. | 0.025 max. | | | | | Pretreatment Perform a he | it at treatment at 150±₁%C for | 60±5 min. and then |
| 14 | to Soldering Heat | I.R. | More than 1,000 | ΩΜΩ | | | | | 2 hrs. at room condition.* | 5520 mm. and then |
| | | Dielectric Strength | In accordance v | vith item No | 0.4 | | | *Preheating Step 1 2 | Temperature 100 to 120°C 170 to 200°C | Time 1 min. 1 min. |
| | | Appearance | No marking def | ects | | | | Fix the capaci in Fig. 4. | tor to the supporting jig (glass | epoxy board) shown |
| | | Capacitance Change | Within ±15% | | | | | Perform the 5 cycles according to the 4 heat treatments listed in the following table. Let sit for 24±2 hrs. at room condition,* then measure. | | |
| | | D.F. | 0.05 max. | | | | | | | |
| | | I.R. | More than 3,000 | ΩΜΩ | | | | Step | Temperature (°C) | Time (min.) |
| 15 | Temperature Cycle | | | | | | | 1 2 3 4 | Min. Operating Temp.±3 Room Temp. Max. Operating Temp.±2 Room Temp. | 30±3 2 to 3 30±3 2 to 3 |
| | Joe | Dielectric Strength | In accordance with item No.4 | | | | | | at treatment at 150 ⁺ ₁ °°C for 2 hrs. at room condition.* Solde Glass Epoxy Board Fig. 4 | |
| | | Appearance | No marking def | ects | | | | | | |
| | Llumi dit | Capacitance Change | Within ±15% | | | | | for 500 ^{±2} 6 hr | | • |
| 16 | Humidity (Steady | D.F. | 0.05 max. | | | | | measure. | let sit for 24±2 hrs. at room co | лышоп, шеп |
| | State) | I.R. | More than 1,000 | 0MΩ | | | | Pretreatment Perform a be | | COLE min and than |
| | | Dielectric Strength | In accordance v | vith item No | 0.4 | | | Perform a heat treatment at 150 [±] -1°°C for 60±5 min. and then let sit for 24±2 hrs. at room condition.* | | |

^{* &}quot;Room condition" Temperature: 15 to 35°C, Relative humidity: 45 to 75%, Atmospheric pressure: 86 to 106kPa

Continued on the following page. $\begin{tabular}{|c|c|c|c|}\hline \end{tabular}$





Continued from the preceding page.

| No. | Item | | Specifications | Test Method |
|-----|------|------------------------|------------------------------|---|
| | | Appearance | No marking defects | |
| | | Capacitance Change | Within ±20% | Apply 110% of the rated voltage for 1,000 ^{±48} hrs. at maximum operating temperature ±3°C. Remove and let sit for 24±2 hrs. at room condition,* then measure. |
| 17 | Life | D.F. | 0.05 max. | The charge/discharge current is less than 50mA. |
| | | I.R. | More than $2,000M\Omega$ | Pretreatment Apply test voltage for 60±5 min. at test temperature. |
| | | Dielectric Strength | In accordance with item No.4 | Remove and let sit for 24±2 hrs. at room condition.* |

^{* &}quot;Room condition" Temperature: 15 to 35°C, Relative humidity: 45 to 75%, Atmospheric pressure: 86 to 106kPa



Chip Monolithic Ceramic Capacitors (Medium Voltage)

For Camera Flash Circuit GR7 Series

■ Features

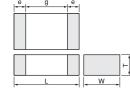
- Suitable for the trigger of the flash circuit, because real capacitance is stable during operating voltage.
- 2. The thin type fits thinner cameras.
- 3. Sn-plated external electrodes realize good solderability.
- 4. For flow and reflow soldering

Applications

For strobe circuit

Do not use these products in any Automotive Power train or Safety equipment including Battery chargers for Electric Vehicles and Plug-in Hybrids. Only Murata products clearly stipulated as "for Automotive use" can be used for automobile applications such as Power train and Safety equipment.





| Part Number | Dimensions (mm) | | | | | | | | |
|---------------|-----------------|-----------|---------------|--------|--------|--|--|--|--|
| rait Nullibei | L W | | Т | e min. | g min. | | | | |
| GR721A | 2.0 ±0.2 | 1.25 ±0.2 | 1.0 +0, -0.3 | | 0.7 | | | | |
| GR721B | 2.0 ±0.2 | 1.25 ±0.2 | 1.25 ±0.2 | | 0.7 | | | | |
| GR731A | | | 1.0 +0, -0.3 | 0.3 | | | | | |
| GR731B | 3.2 ±0.2 | 1.6 ±0.2 | 1.25 +0, -0.3 | | 1.2 | | | | |
| GR731C | | | 1.6 ±0.2 | | | | | | |

| Part Number | Rated Voltage | TC Code (Standard) | Capacitance | Length L (mm) | Width W (mm) | Thickness T max. (mm) | Electrode g min. | Electrode e |
|--------------------|---------------|-----------------------|-------------|------------------|-----------------|-----------------------------|------------------|-------------|
| GR721AW0BB103KW01D | 350Vdc | - | 10000pF±10% | 2 | 1.25 | 1 | 0.7mm | 0.3mm min. |
| GR731AW0BB103KW01D | 350Vdc | - | 10000pF±10% | 3.2 | 1.6 | 1 | 1.2mm | 0.3mm min. |
| GR721AW0BB153KW01D | 350Vdc | - | 15000pF±10% | 2 | 1.25 | 1 | 0.7mm | 0.3mm min. |
| GR731AW0BB153KW01D | 350Vdc | - | 15000pF±10% | 3.2 | 1.6 | 1 | 1.2mm | 0.3mm min. |
| GR721BW0BB223KW03L | 350Vdc | - | 22000pF±10% | 2 | 1.25 | 1.45 | 0.7mm | 0.3mm min. |
| GR731AW0BB223KW01D | 350Vdc | - | 22000pF±10% | 3.2 | 1.6 | 1 | 1.2mm | 0.3mm min. |
| GR731BW0BB223KW01L | 350Vdc | - | 22000pF±10% | 3.2 | 1.6 | 1.25 | 1.2mm | 0.3mm min. |
| GR721BW0BB273KW03L | 350Vdc | - | 27000pF±10% | 2 | 1.25 | 1.45 | 0.7mm | 0.3mm min. |
| GR731AW0BB273KW01D | 350Vdc | - | 27000pF±10% | 3.2 | 1.6 | 1 | 1.2mm | 0.3mm min. |
| GR731AW0BB333KW01D | 350Vdc | - | 33000pF±10% | 3.2 | 1.6 | 1 | 1.2mm | 0.3mm min. |
| GR731BW0BB333KW01L | 350Vdc | - | 33000pF±10% | 3.2 | 1.6 | 1.25 | 1.2mm | 0.3mm min. |
| GR731CW0BB473KW03L | 350Vdc | - | 47000pF±10% | 3.2 | 1.6 | 1.8 | 1.2mm | 0.3mm min. |

| No. | Ite | em | Specifications | Test Method | | | |
|-----|---|-------------|--|---|--|--|--|
| 1 | Operating Temperatu | ire Range | -55 to +125°C | - | | | |
| 2 | Appearan | ice | No defects or abnormalities | Visual inspection | | | |
| 3 | Dimension | ns | Within the specified dimensions | Using calipers and micrometers | | | |
| 4 | Dielectric | Strength | No defects or abnormalities | No failure should be observed when DC500V is applied between the terminations for 1 to 5 sec., provided the charge/discharge current is less than 50mA. | | | |
| 5 | Insulation F (I.R.) | Resistance | C≥0.01μF: More than 100MΩ • μF C<0.01μF: More than 10,000MΩ | The insulation resistance should be measured with DC250±50V and within 60±5 sec. of charging. | | | |
| 6 | Capacitar | псе | Within the specified tolerance | The constitution (D.E. alterdal become detailed to the constitution) | | | |
| 7 | Dissipation Factor (D.F.) | | 0.025 max. | The capacitance/D.F. should be measured at a frequency of 1±0.2kHz and a voltage of AC1±0.2V(r.m.s.). | | | |
| 9 | Capacitance Temperature Characteristics | | Cap. Change Within ±10% (Apply DC350V bias) Within ±33% (No DC bias) (Temp. Range : -55 to +125°C) No removal of the terminations or other defect should occur. | The capacitance measurement should be made at each step specified in the Table. Step | | | |
| | | Annogrange | No defects or charmolities | Fig. 1 | | | |
| | | Appearance | No defects or abnormalities | Solder the capacitor to the test jig (glass epoxy board). The capacitor should be subjected to a simple harmonic motion | | | |
| | | Capacitance | Within the specified tolerance | having a total amplitude of 1.5mm, the frequency being varied uniformly between the approximate limits of 10 and 55Hz. The | | | |
| 10 | 0 Vibration Resistance D.F. | | 0.025 max. | frequency range, from 10 to 55Hz and return to 10Hz, should be traversed in approximately 1 min. This motion should be applied for a period of 2 hrs. in each of 3 mutually perpendicular directions (total of 6 hrs.). Solder resist Glass Epoxy Board | | | |

^{* &}quot;Room condition" Temperature: 15 to 35°C, Relative humidity: 45 to 75%, Atmospheric pressure: 86 to 106kPa





Continued from the preceding page.

| | Continued in | om the prece | eding page. | | | | | | | | |
|-----|---|------------------------|--------------------------------|-----------------|------------------------------|---|--|--|---|--------------------------|--|
| No. | Ite | em | | SI | oecifications | s | | | Test Method | | |
| 11 | 1 Deflection | | L×W (mm) 2.0×1.25 3.2×1.6 | a 1.2 2.2 | 100 Fig. 2 Dimensi b 4.0 5.0 | 04.5 t:1.6 on (mm) c 1.65 2.0 | d 1.0 | Solder the capacitor to the testing jig (glass epoxy board) shin Fig. 2. Then apply a force in the direction shown in Fig. 3. The soldering should be done using the reflow method and should be conducted with care so that the soldering is uniform and free of defects such as heat shock. 20 50 Pressurizing speed: 1.0mm/s Pressurize R230 Pressurizing Flexure=1 Capacitance meter Fig. 3 | | | |
| 12 | Solderability of Termination 75% of the terminations are to be soldered evenly and continuously. Appearance No marking defects | | | | | rosin (JIS-K-5 Immerse in so Immersing sp | capacitor in a solution of etha 1902) (25% rosin in weight pro- older solution for 2±0.5 sec. eed: 25±2.5mm/s er: 245±5°C Lead Free Sold 235±5°C H60A or H63A E | oportion). er (Sn-3.0Ag-0.5Cu) | | | |
| | | Appearance | No marking def | ects | | | | | | | |
| | Resistance to Soldering | Capacitance Change | Within ±10% | | | | | Preheat the capacitor at 120 to 150°C for 1 min. Immerse the capacitor in solder solution at 260±5°C for 10±1 sec. Let sit at room condition* for 24±2 hrs., then measure. | | | |
| 13 | | D.F. | 0.025 max. | | | | | Immersing s | speed: 25±2.5mm/s | ., then measure. | |
| | Heat | I.R. | C≧0.01µF: Mor C<0.01µF: Mor | | | | | | nt eat treatment at 150 [±] 1°°C fo :2 hrs. at room condition.* | r 60±5 min. and then | |
| | | Dielectric Strength | In accordance v | with item No | 0.4 | | | 161 311 101 242 | .2 ms. at room condition. | | |
| | | Appearance | No marking def | ects | | | | Fix the capaci in Fig. 4. | tor to the supporting jig (glass | epoxy board) shown | |
| | | Capacitance Change | Within ±7.5% | | | | | Perform the 5 the following | Perform the 5 cycles according to the 4 heat treatments listed in the following table. Let sit for 24±2 hrs. at room condition,* then measure. | | |
| | | D.F. | 0.025 max. | a than 100 | MO - uF | | | | | | |
| | | I.R. | C≥0.01µF: Mor C<0.01µF: Mor | | | | | Step 1 | Temperature (°C) Min. Operating Temp.±3 | Time (min.) 30±3 | |
| 14 | Temperature | | | | | | | 2 3 4 | Room Temp. Max. Operating Temp.±2 Room Temp. | 2 to 3 30±3 2 to 3 | |
| | Cycle | Dielectric Strength | In accordance v | with item No | 5.4 | | | | eat treatment at 150 [±] -18°C fo 2 hrs. at room condition.* | r 60±5 min. and then | |
| | | Appearance | No marking def | ects | | | | | | | |
| | 11 | Capacitance Change | Within ±15% | | | | | for 500 ⁺² 6 hr | | • | |
| 15 | Humidity (Steady | D.F. | 0.05 max. | | | | | Remove and measure. | let sit for 24±2 hrs. at room o | ondition,* then | |
| | State) | I.R. | C≥0.01µF: Mor C<0.01µF: Mor | | | | | | eat treatment at 150±18°C fo | r 60±5 min. and then | |
| | | Dielectric Strength | In accordance v | with item No | 0.4 | | | let sit for 24±2 hrs. at room condition.* | | | |

^{* &}quot;Room condition" Temperature: 15 to 35°C, Relative humidity: 45 to 75%, Atmospheric pressure: 86 to 106kPa





Continued from the preceding page.

| No. | Ite | em | Specifications | Test Method | | | |
|-----|----------|------------------------|---|---|--|--|--|
| | | Appearance | No marking defects | | | | |
| | | Capacitance Change | Within ±15% | Apply DC350V for 1,000 ⁺⁴⁸ / _o hrs. at maximum operating temperature ±3°C. Remove and let sit for 24±2 hrs. at room | | | |
| 16 | Life | D.F. | 0.05 max. | condition,* then measure. The charge/discharge current is less than 50mA. | | | |
| | | I.R. | C≥0.01μF: More than 10M Ω • μF C<0.01μF: More than 1,000M Ω | Pretreatment Apply test voltage for 60±5 min. at test temperature. Remove and let sit for 24±2 hrs. at room condition.* | | | |
| | | Dielectric Strength | In accordance with item No.4 | | | | |
| | | Appearance | No marking defects | | | | |
| | | Capacitance Change | Within ±15% | Apply the rated voltage at 40±2°C and relative humidity of 90 to 95% for 500 ⁺²⁴ hrs. | | | |
| 17 | Humidity | D.F. | 0.05 max. | Remove and let sit for 24±2 hrs. at room condition,* then measure. | | | |
| ., | Loading | I.R. | C≥0.01μF: More than 10M Ω • μF C<0.01μF: More than 1,000M Ω | Pretreatment Apply test voltage for 60±5 min. at test temperature. | | | |
| | | Dielectric Strength | In accordance with item No.4 | Remove and let sit for 24±2 hrs. at room condition.* | | | |

^{* &}quot;Room condition" Temperature: 15 to 35°C, Relative humidity: 45 to 75%, Atmospheric pressure: 86 to 106kPa



AC250V Type (Which Meet Japanese Law) GA2 Series

■ Features

- 1. Chip monolithic ceramic capacitor for AC lines.
- A new monolithic structure for small, high capacitance capable of operating at high voltage levels
- 3. Sn-plated external electrodes realize good solderability.
- 4. Only for reflow soldering
- 5. Capacitance 0.01 to 0.1uF for connecting lines and 470 to 4700pF for connecting lines to earth.

Applications

Noise suppression filters for switching power supplies, telephones, facsimiles, modems.

Do not use these products in any Automotive Power train or Safety equipment including Battery chargers for Electric Vehicles and Plug-in Hybrids. Only Murata products clearly stipulated as "for Automotive use" can be used for automobile applications such as Power train and Safety equipment.

■ Reference Standard

GA255DR7E2104MW01L

GA2 series obtains no safety approval. This series is based on the standards of the electrical appliance and material safety law of Japan (separated table 4).

250Vac(r.m.s.)

X7R (EIA)

| Part Number | Rated Voltage | TC Code (Standard) | Capacitance | Length L (mm) | Width W (mm) | Thickness T max. (mm) | Electrode g min. | Electrode e |
|--------------------|----------------|-----------------------|-------------|------------------|-----------------|-----------------------------|------------------|-------------|
| GA242QR7E2471MW01L | 250Vac(r.m.s.) | X7R (EIA) | 470pF±20% | 4.5 | 2.0 | 1.5 | 2.5mm | 0.3mm min. |
| GA242QR7E2102MW01L | 250Vac(r.m.s.) | X7R (EIA) | 1000pF±20% | 4.5 | 2.0 | 1.5 | 2.5mm | 0.3mm min. |
| GA243QR7E2222MW01L | 250Vac(r.m.s.) | X7R (EIA) | 2200pF±20% | 4.5 | 3.2 | 1.5 | 2.5mm | 0.3mm min. |
| GA243QR7E2332MW01L | 250Vac(r.m.s.) | X7R (EIA) | 3300pF±20% | 4.5 | 3.2 | 1.5 | 2.5mm | 0.3mm min. |
| GA243DR7E2472MW01L | 250Vac(r.m.s.) | X7R (EIA) | 4700pF±20% | 4.5 | 3.2 | 2 | 2.5mm | 0.3mm min. |
| GA243QR7E2103MW01L | 250Vac(r.m.s.) | X7R (EIA) | 10000pF±20% | 4.5 | 3.2 | 1.5 | 2.5mm | 0.3mm min. |
| GA243QR7E2223MW01L | 250Vac(r.m.s.) | X7R (EIA) | 22000pF±20% | 4.5 | 3.2 | 1.5 | 2.5mm | 0.3mm min. |
| GA243DR7E2473MW01L | 250Vac(r.m.s.) | X7R (EIA) | 47000pF±20% | 4.5 | 3.2 | 2 | 2.5mm | 0.3mm min. |

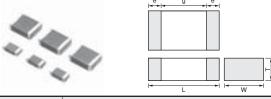
0.10µF±20%

5.7

5.0

3.2mm

0.3mm min.



| Part Number | Dimensions (mm) | | | | | | | | | |
|-------------|-----------------|----------|--------------|--------|-----|--|--|--|--|--|
| Fait Number | L W T | | e min. | g min. | | | | | | |
| GA242Q | 4.5 ±0.3 | 2.0 ±0.2 | 1.5 +0, -0.3 | | | | | | | |
| GA243D | 4.5 ±0.4 | 3.2 ±0.3 | 2.0 +0, -0.3 | 0.3 | 2.5 | | | | | |
| GA243Q | 4.5 ±0.4 | 3.2 ±0.3 | 1.5 +0, -0.3 | 0.3 | | | | | | |
| GA255D | 5.7 ±0.4 | 5.0 ±0.4 | 2.0 +0, -0.3 | | 3.2 | | | | | |

| No. | Ite | m | Specifications | | Test Me | ethod | |
|-----|--|-------------|---|--|---|--|--|
| 1 | Operating Temperatu | re Range | −55 to +125°C | | _ | | |
| 2 | Appearan | се | No defects or abnormalities | Visual inspection | | | |
| 3 | Dimension | ns | Within the specified dimensions | Using calipers and | micrometers | | |
| 4 | Dielectric | Strength | No defects or abnormalities | | e terminations urrent is less acitance | nen voltage in the table is s for 60±1 sec., provided the than 50mA. Test Voltage AC575V (r.m.s.) | |
| | | | | C<10,00 | | AC1500V (r.m.s.) | |
| 5 | Insulation Resistance (I.R.) | | More than $2,000M\Omega$ | The insulation resistance should be measured with DC500±50V and within 60±5 sec. of charging. | | | |
| 6 | Capacitar | nce | Within the specified tolerance | T | | | |
| 7 | Dissipation Factor (D.F.) | | 0.025 max. | 1±0.2kHz and a vol | | measured at a frequency of 0.2V (r.m.s.). | |
| | | | | The capacitance m specified in the Tab | | hould be made at each step | |
| | | | | Step | Т | emperature (°C) | |
| | Capacitar | nce | Cap. Change | 1 | Min. | 25±2 Operating Temp.±3 | |
| 8 | Temperat | ure | Within ±15% | 3 | | 25±2 | |
| | Character | ristics | (Temp. Range: -55 to +125°C) | <u>4</u> 5 | Max. | Operating Temp.±2 25±2 | |
| | | | | Pretreatment | | $^{\pm}_{1}$ 8°C for 60±5 min. and then | |
| 9 | Discharge Test (Application: Nominal Capacitance C<10,000pF) | Appearance | No defects or abnormalities | As in Fig., discharge is made 50 times at 5 sec. intervals from the capacitor (Cd) charged at DC voltage of specified. R3 R1 Ct: Capacitor under test Cd: 0.001μF R1: 1,000Ω R2: 100ΜΩ R3: Surge resistance | | | |
| 10 | Adhesive Strength of Termination | | No removal of the terminations or other defects should occur. | Solder the capacitor to the testing jig (glass epoxy board) shown in Fig. 1. Then apply 10N force in the direction of the arrow. The soldering should be done using the reflow method and should be conducted with care so that the soldering is uniform and free of defects such as heat shock. Glass Epoxy Board Fig. 1 | | | |
| | | Appearance | No defects or abnormalities | · · | | (glass epoxy board). | |
| | | Capacitance | Within the specified tolerance | | • | d to a simple harmonic motion I, the frequency being varied | |
| 11 | Vibration Resistance | D.F. | 0.025 max. | uniformly between t frequency range, fro traversed in approxi for a period of 2 hrs directions (total of 6 | he approximation 10 to 55Hz imately 1 min. in each of 3 in hrs.). | te limits of 10 and 55Hz. The and return to 10Hz, should be This motion should be applied mutually perpendicular | |
| | | | | E | 70 P70 P70 P | Solder resist | |

^{* &}quot;Room condition" Temperature: 15 to 35°C, Relative humidity: 45 to 75%, Atmospheric pressure: 86 to 106kPa







Continued from the preceding page

| | Continued fro | om the prece | eding page. | | | | | | | | |
|-----|------------------------------------|---|---|---------------|---------------|---|-----------------|---|---|--------------------------|--|
| No. | Ite | em | | Sį | pecification | s | | | Test Method | | |
| 12 | 12 Deflection | | L×W (mm) 4.5×2.0 4.5×3.2 5.7×5.0 | a 3.5 3.5 4.5 | 100 Fig. 2 | 04.5 t:1.6 ion (mm) c 2.4 3.7 5.6 | d 1.0 | Solder the capacitor to the testing jig (glass epoxy board) shown in Fig. 2. Then apply a force in the direction shown in Fig. 3. The soldering should be done using the reflow method and should be conducted with care so that the soldering is uniform and free of defects such as heat shock. 20 50 Pressurizing speed: 1.0mm/s Pressurize Flexure=1 Capacitance meter 45 (in mm) Fig. 3 | | | |
| 13 | Solderabi Terminati | | 75% of the termi | nations are | to be soldere | ed evenly and | d continuously. | Immerse the capacitor in a solution of ethanol (JIS-K-8101) and rosin (JIS-K-5902) (25% rosin in weight proportion). Immerse in solder solution for 2±0.5 sec. Immersing speed: 25±2.5mm/s Temp. of solder: 245±5°C Lead Free Solder (Sn-3.0Ag-0.5Cu) 235±5°C H60A or H63A Eutectic Solder | | | |
| 14 | Humidity Insulation | Appearance Capacitance Change D.F. I.R. Dielectric Strength | No marking def Within ±15% 0.05 max. More than 1,00 In accordance v | 0ΜΩ | 5.4 | | | The capacitor should be subjected to $40\pm2^{\circ}$ C, relative humidity of 90 to 98% for 8 hrs., and then removed in room condition* for 16 hrs. until 5 cycles. | | | |
| 15 | Resistance to Soldering Heat | Appearance Capacitance Change D.F. I.R. | No marking def Within ±10% 0.025 max. More than 2,00 | | | | | Preheat the capacitor as in table. Immerse the capacitor in solder solution at 260±5°C for 10±1 sec. Let sit at room condition* for 24±2 hrs., then measure. •Immersing speed: 25±2.5mm/s •Pretreatment Perform a heat treatment at 150 ⁺ ₁ 8°C for 60±5 min. and then let sit for 24±2 hrs. at room condition.* *Preheating | | | |
| | | Dielectric Strength | In accordance v | with item No | 0.4 | | | Step 1 2 | Temperature 100 to 120°C 170 to 200°C | Time 1 min. 1 min. | |
| | | Appearance | No marking def | ects | | | | | tor to the supporting jig (glass | epoxy board) shown | |
| | | Capacitance Change | Within ±15% | | | | | in Fig. 4. Perform the 5 the following to | cycles according to the 4 hea able. | t treatments listed in | |
| | | D.F. | 0.05 max. | | | | | Let sit for 24±2 | 2 hrs. at room condition,* then | measure. | |
| | | I.R. | More than 2,00 | ΩΜ0 | | | | Step | Temperature (°C) | Time (min.) | |
| 16 | Temperature Cycle | | | | | | | 1 Min. Operating Temp.±3 30±3 2 Room Temp. 2 to 3 3 Max. Operating Temp.±2 30±3 4 Room Temp. 2 to 3 •Pretreatment Perform a heat treatment at 150±18°C for 60±5 min. a let sit for 24±2 hrs. at room condition.* Glass Epoxy Board | | | |

 $^{^{\}star}$ "Room condition" Temperature: 15 to 35°C, Relative humidity: 45 to 75%, Atmospheric pressure: 86 to 106kPa

Continued on the following page.

Fig. 4





Continued from the preceding page.

| No. | Ite | em | Specifications | Test Method | | | |
|-----|---------------------|------------------------|------------------------------|--|--|--|--|
| | | Appearance | No marking defects | | | | |
| | Humidity | Capacitance Change | Within ±15% | Let the capacitor sit at 40±2°C and relative humidity of 90 to 95% for 500±24hrs. Remove and let sit for 24±2 hrs. at room condition,* then | | | |
| 17 | (Steady | D.F. | 0.05 max. | measure. | | | |
| | State) | I.R. | More than 1,000M Ω | Pretreatment Perform a heat treatment at 150 [±] 10°C for 60±5 min. and then | | | |
| | | Dielectric Strength | In accordance with item No.4 | let sit for 24±2 hrs. at room condition.* | | | |
| | | Appearance | No marking defects | Apply voltage and time as in Table at maximum operating | | | |
| | | Capacitance Change | Within ±20% | temperature ±3°C. Remove and let sit for 24±2 hrs. at room condition,* then measure. The charge / discharge current is less than 50mA. | | | |
| | | D.F. | 0.05 max. | Nominal Capacitance | | | |
| | | I.R. | More than 1,000M Ω | C≥10,000pF 1,000 ⁺⁴⁸ / _o hrs. AC300V (r.m.s.) | | | |
| 18 | Life | Dielectric Strength | In accordance with item No.4 | C<10,000pF | | | |
| | | Appearance | No marking defects | | | | |
| | | Capacitance Change | Within ±15% | Apply the rated voltage at 40±2°C and relative humidity of 90 to 95% for 500±26hrs. Remove and let sit for 24±2 hrs. at room condition,* then | | | |
| 19 | Humidity Loading | D.F. | 0.05 max. | measure. | | | |
| | Loading | I.R. | More than 1,000MΩ | Pretreatment Apply test voltage for 60±5 min. at test temperature. | | | |
| | | Dielectric Strength | In accordance with item No.4 | Apply test voltage for 60±5 min. at test temperature. Remove and let sit for 24±2 hrs. at room condition.* | | | |

^{* &}quot;Room condition" Temperature: 15 to 35°C, Relative humidity: 45 to 75%, Atmospheric pressure: 86 to 106kPa



Safety Standard Certified GA3 Series UL, IEC60384-14 Class X1/Y2 Type GC

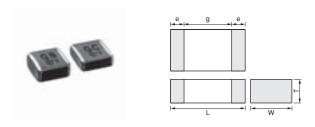
■ Features

- 1. Chip monolithic ceramic capacitor (certified as conforming to safety standards) for AC lines.
- 2. A new monolithic structure for small, high capacitance capable of operating at high voltage levels.
- 3. Compared to lead type capacitors, this new capacitor is greatly downsized and low-profiled to 1/10 or less in volume, and 1/4 or less in height.
- 4. Type GC can be used as an X1-class and Y2-class capacitor, line-by-pass capacitor of UL1414.
- 5. +125 degree C guaranteed
- 6. Only for reflow soldering

Applications

- Ideal for use as Y capacitor or X capacitor for various switching power supplies
- 2. Ideal for modem applications

Do not use these products in any Automotive
Power train or Safety equipment including Battery
chargers for Electric Vehicles and Plug-in Hybrids.
Only Murata products clearly stipulated as
"for Automotive use" can be used for automobile
applications such as Power train and Safety equipment.



| Part Number | | Din | nensions (m | nm) | |
|-------------|----------|----------|-------------|--------|--------|
| Part Number | L | W | Т | e min. | g min. |
| GA355D | 5.7 ±0.4 | 5.0 ±0.4 | 2.0 ±0.3 | 0.3 | 4.0 |

■ Standard Certification

| | Standard No. | Class | Rated Voltage |
|-------|--|--------------|--------------------|
| UL | UL1414 | Line By-pass | |
| VDE | IEC 60384-14 EN 60384-14 | | |
| BSI | EN 60065 (14.2) IEC 60384-14 EN 60384-14 | X1, Y2 | AC250V (r.m.s.) |
| SEMKO | IEC 60384-14 EN 60384-14 | | |
| ESTI | IEC 60384-14 | | |

| Part Number | Rated Voltage | TC Code (Standard) | Capacitance | Length L (mm) | Width W (mm) | Thickness T max. (mm) | Electrode g min. | Electrode e |
|--------------------|----------------|-----------------------|-------------|------------------|-----------------|-----------------------------|------------------|-------------|
| GA355DR7GC101KY02L | 250Vac(r.m.s.) | X7R (EIA) | 100pF±10% | 5.7 | 5.0 | 2.3 | 4.0mm | 0.3mm min. |
| GA355DR7GC151KY02L | 250Vac(r.m.s.) | X7R (EIA) | 150pF±10% | 5.7 | 5.0 | 2.3 | 4.0mm | 0.3mm min. |
| GA355DR7GC221KY02L | 250Vac(r.m.s.) | X7R (EIA) | 220pF±10% | 5.7 | 5.0 | 2.3 | 4.0mm | 0.3mm min. |
| GA355DR7GC331KY02L | 250Vac(r.m.s.) | X7R (EIA) | 330pF±10% | 5.7 | 5.0 | 2.3 | 4.0mm | 0.3mm min. |



Safety Standard Certified GA3 Series IEC60384-14 Class Y2, X1/Y2 Type GF

Features

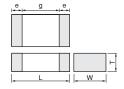
- 1. Available for equipment based on IEC/EN60950 and UL1950. Besides, the GA352/355 types are available for equipment based on IEC/EN60065, UL1492, and UL6500.
- 2. Type GF can be used as a Y2-class capacitor.
- 3. A new monolithic structure for small, high capacitance capable of operating at high voltage
- 4. +125 degree C guaranteed
- 5. Only for reflow soldering

Applications

- 1. Ideal for use on line filters and couplings for DAA modems without transformers
- 2. Ideal for use on line filters for information equipment
- 3. Ideal for use as Y capacitor or X capacitor for various switching power supplies (GA352/355 types only)

Do not use these products in any Automotive Power train or Safety equipment including Battery chargers for Electric Vehicles and Plug-in Hybrids. Only Murata products clearly stipulated as "for Automotive use" can be used for automobile applications such as Power train and Safety equipment.





| Part Number | Dimensions (mm) | | | | | | | | |
|-------------|-----------------|----------|--------------|--------|--------|--|--|--|--|
| Part Number | L | W | Т | e min. | g min. | | | | |
| GA342A | | | 1.0 +0, -0.3 | | | | | | |
| GA342D | 4.5 ±0.3 | 2.0 ±0.2 | 2.0 ±0.2 | | 2.5 | | | | |
| GA342Q | | | 1.5 +0, -0.3 | 0.3 | | | | | |
| GA352Q | | 2.8 ±0.3 | 1.5 +0, -0.3 | 0.3 | | | | | |
| GA355D | 5.7 ±0.4 | 5.0 ±0.4 | 2.0 +0, -0.3 | | 4.0 | | | | |
| GA355Q | | 5.0 ±0.4 | 1.5 +0, -0.3 | | | | | | |

■ Standard Certification

| | Standard | | Status of C | Certification | Rated |
|-------|--------------|--------|------------------|------------------------------|----------|
| | No. | Class | Size : 4.5x2.0mm | Size : 5.7x2.8mm and over | Voltage |
| UL | UL1414 | X1, Y2 | _ | 0 | |
| UL | UL 60950-1 | _ | 0 | _ | AC250V |
| VDE | IEC 60384-14 | X1, Y2 | _ | 0 | (r.m.s.) |
| SEMKO | EN 60384-14 | Y2 | 0 | 0 | |

Applications

| Size | Switching power supplies | Communication network devices such as a modem |
|--------------------|--------------------------|---|
| 4.5x2.0mm | _ | 0 |
| 5.7x2.8mm and over | 0 | 0 |

| Part Number | Rated Voltage | TC Code (Standard) | Capacitance | Length L (mm) | Width W (mm) | Thickness T max. (mm) | Electrode g min. | Electrode e |
|--------------------|----------------|-----------------------|-------------|------------------|-----------------|-----------------------------|------------------|-------------|
| GA342D1XGF100JY02L | 250Vac(r.m.s.) | SL (JIS) | 10pF±5% | 4.5 | 2.0 | 2.2 | 2.5mm | 0.3mm min. |
| GA342D1XGF120JY02L | 250Vac(r.m.s.) | SL (JIS) | 12pF±5% | 4.5 | 2.0 | 2.2 | 2.5mm | 0.3mm min. |
| GA342D1XGF150JY02L | 250Vac(r.m.s.) | SL (JIS) | 15pF±5% | 4.5 | 2.0 | 2.2 | 2.5mm | 0.3mm min. |
| GA342D1XGF180JY02L | 250Vac(r.m.s.) | SL (JIS) | 18pF±5% | 4.5 | 2.0 | 2.2 | 2.5mm | 0.3mm min. |
| GA342D1XGF220JY02L | 250Vac(r.m.s.) | SL (JIS) | 22pF±5% | 4.5 | 2.0 | 2.2 | 2.5mm | 0.3mm min. |
| GA342A1XGF270JW31L | 250Vac(r.m.s.) | SL (JIS) | 27pF±5% | 4.5 | 2.0 | 1 | 2.5mm | 0.3mm min. |
| GA342A1XGF330JW31L | 250Vac(r.m.s.) | SL (JIS) | 33pF±5% | 4.5 | 2.0 | 1 | 2.5mm | 0.3mm min. |
| GA342A1XGF390JW31L | 250Vac(r.m.s.) | SL (JIS) | 39pF±5% | 4.5 | 2.0 | 1 | 2.5mm | 0.3mm min. |
| GA342A1XGF470JW31L | 250Vac(r.m.s.) | SL (JIS) | 47pF±5% | 4.5 | 2.0 | 1 | 2.5mm | 0.3mm min. |
| GA342A1XGF560JW31L | 250Vac(r.m.s.) | SL (JIS) | 56pF±5% | 4.5 | 2.0 | 1 | 2.5mm | 0.3mm min. |
| GA342A1XGF680JW31L | 250Vac(r.m.s.) | SL (JIS) | 68pF±5% | 4.5 | 2.0 | 1 | 2.5mm | 0.3mm min. |
| GA342A1XGF820JW31L | 250Vac(r.m.s.) | SL (JIS) | 82pF±5% | 4.5 | 2.0 | 1 | 2.5mm | 0.3mm min. |
| GA342QR7GF101KW01L | 250Vac(r.m.s.) | X7R (EIA) | 100pF±10% | 4.5 | 2.0 | 1.5 | 2.5mm | 0.3mm min. |
| GA342QR7GF151KW01L | 250Vac(r.m.s.) | X7R (EIA) | 150pF±10% | 4.5 | 2.0 | 1.5 | 2.5mm | 0.3mm min. |
| GA342DR7GF221KW02L | 250Vac(r.m.s.) | X7R (EIA) | 220pF±10% | 4.5 | 2.0 | 2.2 | 2.5mm | 0.3mm min. |
| GA342DR7GF331KW02L | 250Vac(r.m.s.) | X7R (EIA) | 330pF±10% | 4.5 | 2.0 | 2.2 | 2.5mm | 0.3mm min. |
| GA342QR7GF471KW01L | 250Vac(r.m.s.) | X7R (EIA) | 470pF±10% | 4.5 | 2.0 | 1.5 | 2.5mm | 0.3mm min. |
| GA352QR7GF471KW01L | 250Vac(r.m.s.) | X7R (EIA) | 470pF±10% | 5.7 | 2.8 | 1.5 | 4.0mm | 0.3mm min. |
| GA342QR7GF681KW01L | 250Vac(r.m.s.) | X7R (EIA) | 680pF±10% | 4.5 | 2.0 | 1.5 | 2.5mm | 0.3mm min. |
| GA352QR7GF681KW01L | 250Vac(r.m.s.) | X7R (EIA) | 680pF±10% | 5.7 | 2.8 | 1.5 | 4.0mm | 0.3mm min. |
| GA342DR7GF102KW02L | 250Vac(r.m.s.) | X7R (EIA) | 1000pF±10% | 4.5 | 2.0 | 2.2 | 2.5mm | 0.3mm min. |
| GA352QR7GF102KW01L | 250Vac(r.m.s.) | X7R (EIA) | 1000pF±10% | 5.7 | 2.8 | 1.5 | 4.0mm | 0.3mm min. |





| Ontinued from the preceding | Continued from the preceding page. | | | | | | | | | | |
|-----------------------------|------------------------------------|-----------------------|-------------|------------------|-----------------|-----------------------------|------------------|-------------|--|--|--|
| Part Number | Rated Voltage | TC Code (Standard) | Capacitance | Length L (mm) | Width W (mm) | Thickness T max. (mm) | Electrode g min. | Electrode e | | | |
| GA352QR7GF152KW01L | 250Vac(r.m.s.) | X7R (EIA) | 1500pF±10% | 5.7 | 2.8 | 1.5 | 4.0mm | 0.3mm min. | | | |
| GA355QR7GF182KW01L | 250Vac(r.m.s.) | X7R (EIA) | 1800pF±10% | 5.7 | 5.0 | 1.5 | 4.0mm | 0.3mm min. | | | |
| GA355QR7GF222KW01L | 250Vac(r.m.s.) | X7R (EIA) | 2200pF±10% | 5.7 | 5.0 | 1.5 | 4.0mm | 0.3mm min. | | | |
| GA355QR7GF332KW01L | 250Vac(r.m.s.) | X7R (EIA) | 3300pF±10% | 5.7 | 5.0 | 1.5 | 4.0mm | 0.3mm min. | | | |
| GA355DR7GF472KW01L | 250Vac(r.m.s.) | X7R (EIA) | 4700pF±10% | 5.7 | 5.0 | 2 | 4.0mm | 0.3mm min. | | | |



Safety Standard Certified GA3 Series IEC60384-14 Class Y3 Type GD

■ Features

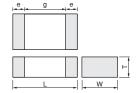
- Available for equipment based on IEC/EN60950 and UL1950.
- 2. Type GD can be used as a Y3-class capacitor.
- A new monolithic structure for small, high capacitance capable of operating at high voltage levels.
- 4. +125 degree C guaranteed
- 5. Only for reflow soldering

Applications

- Ideal for use on line filters and couplings for DAA modems without transformers
- 2. Ideal for use on line filters for information equipment

Do not use these products in any Automotive Power train or Safety equipment including Battery chargers for Electric Vehicles and Plug-in Hybrids. Only Murata products clearly stipulated as "for Automotive use" can be used for automobile applications such as Power train and Safety equipment.





| | | Dir | mensions (mm) | | |
|-------------|----------|----------|---------------|--------|--------|
| Part Number | L | W | T | e min. | g min. |
| GA342A | | | 1.0 +0, -0.3 | | |
| GA342D | 4.5 ±0.3 | 2.0 ±0.2 | 2.0 ±0.2 | | 2.5 |
| GA342Q | | | 1.5 +0, -0.3 | 0.3 | |
| GA343D | 4.5 ±0.4 | 3.2 ±0.3 | 2.0 +0, -0.3 | | |
| GA343Q | 4.5 ±0.4 | J.Z ±0.3 | 1.5 +0, -0.3 | | |

■ Standard Certification

| | Standard No. | Class | Rated Voltage |
|-------|-----------------------------|-------|----------------|
| UL | UL 60950-1 | _ | |
| SEMKO | IEC 60384-14 EN 60384-14 | Y3 | AC250V(r.m.s.) |

Applications

| Size | Switching power supplies | Communication network devices such as a modem |
|---------------------|--------------------------|---|
| 4.5x3.2mm and under | _ | 0 |

| Part Number | Rated Voltage | TC Code (Standard) | Capacitance | Length L (mm) | Width W (mm) | Thickness T max. (mm) | Electrode g min. | Electrode e |
|--------------------|----------------|-----------------------|-------------|------------------|-----------------|-----------------------------|------------------|-------------|
| GA342D1XGD100JY02L | 250Vac(r.m.s.) | SL (JIS) | 10pF±5% | 4.5 | 2.0 | 2.2 | 2.5mm | 0.3mm min. |
| GA342D1XGD120JY02L | 250Vac(r.m.s.) | SL (JIS) | 12pF±5% | 4.5 | 2.0 | 2.2 | 2.5mm | 0.3mm min. |
| GA342D1XGD150JY02L | 250Vac(r.m.s.) | SL (JIS) | 15pF±5% | 4.5 | 2.0 | 2.2 | 2.5mm | 0.3mm min. |
| GA342D1XGD180JY02L | 250Vac(r.m.s.) | SL (JIS) | 18pF±5% | 4.5 | 2.0 | 2.2 | 2.5mm | 0.3mm min. |
| GA342D1XGD220JY02L | 250Vac(r.m.s.) | SL (JIS) | 22pF±5% | 4.5 | 2.0 | 2.2 | 2.5mm | 0.3mm min. |
| GA342A1XGD270JW31L | 250Vac(r.m.s.) | SL (JIS) | 27pF±5% | 4.5 | 2.0 | 1 | 2.5mm | 0.3mm min. |
| GA342A1XGD330JW31L | 250Vac(r.m.s.) | SL (JIS) | 33pF±5% | 4.5 | 2.0 | 1 | 2.5mm | 0.3mm min. |
| GA342A1XGD390JW31L | 250Vac(r.m.s.) | SL (JIS) | 39pF±5% | 4.5 | 2.0 | 1 | 2.5mm | 0.3mm min. |
| GA342A1XGD470JW31L | 250Vac(r.m.s.) | SL (JIS) | 47pF±5% | 4.5 | 2.0 | 1 | 2.5mm | 0.3mm min. |
| GA342A1XGD560JW31L | 250Vac(r.m.s.) | SL (JIS) | 56pF±5% | 4.5 | 2.0 | 1 | 2.5mm | 0.3mm min. |
| GA342A1XGD680JW31L | 250Vac(r.m.s.) | SL (JIS) | 68pF±5% | 4.5 | 2.0 | 1 | 2.5mm | 0.3mm min. |
| GA342A1XGD820JW31L | 250Vac(r.m.s.) | SL (JIS) | 82pF±5% | 4.5 | 2.0 | 1 | 2.5mm | 0.3mm min. |
| GA342QR7GD101KW01L | 250Vac(r.m.s.) | X7R (EIA) | 100pF±10% | 4.5 | 2.0 | 1.5 | 2.5mm | 0.3mm min. |
| GA342QR7GD151KW01L | 250Vac(r.m.s.) | X7R (EIA) | 150pF±10% | 4.5 | 2.0 | 1.5 | 2.5mm | 0.3mm min. |
| GA342QR7GD221KW01L | 250Vac(r.m.s.) | X7R (EIA) | 220pF±10% | 4.5 | 2.0 | 1.5 | 2.5mm | 0.3mm min. |
| GA342QR7GD331KW01L | 250Vac(r.m.s.) | X7R (EIA) | 330pF±10% | 4.5 | 2.0 | 1.5 | 2.5mm | 0.3mm min. |
| GA342QR7GD471KW01L | 250Vac(r.m.s.) | X7R (EIA) | 470pF±10% | 4.5 | 2.0 | 1.5 | 2.5mm | 0.3mm min. |
| GA342QR7GD681KW01L | 250Vac(r.m.s.) | X7R (EIA) | 680pF±10% | 4.5 | 2.0 | 1.5 | 2.5mm | 0.3mm min. |
| GA342QR7GD102KW01L | 250Vac(r.m.s.) | X7R (EIA) | 1000pF±10% | 4.5 | 2.0 | 1.5 | 2.5mm | 0.3mm min. |
| GA342QR7GD152KW01L | 250Vac(r.m.s.) | X7R (EIA) | 1500pF±10% | 4.5 | 2.0 | 1.5 | 2.5mm | 0.3mm min. |
| GA343QR7GD182KW01L | 250Vac(r.m.s.) | X7R (EIA) | 1800pF±10% | 4.5 | 3.2 | 1.5 | 2.5mm | 0.3mm min. |
| GA343QR7GD222KW01L | 250Vac(r.m.s.) | X7R (EIA) | 2200pF±10% | 4.5 | 3.2 | 1.5 | 2.5mm | 0.3mm min. |
| GA343DR7GD472KW01L | 250Vac(r.m.s.) | X7R (EIA) | 4700pF±10% | 4.5 | 3.2 | 2 | 2.5mm | 0.3mm min. |

Safety Standard Certified GA3 Series IEC60384-14 Class X2 Type GB

■ Features

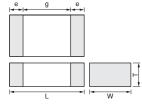
- 1. Type GB can be used as an X2-class capacitor.
- 2. Chip monolithic ceramic capacitor (certified as conforming to safety standards) for AC lines.
- 3. A new monolithic structure for small, high capacitance capable of operating at high voltage levels
- 4. Compared to lead type capacitors, this new capacitor is greatly downsized and low-profiled to 1/10 or less in volume, and 1/4 or less in height.
- 5. +125 degree C guaranteed
- 6. Only for reflow soldering

Applications

Ideal for use as X capacitor for various switching power supplies

Do not use these products in any Automotive Power train or Safety equipment including Battery chargers for Electric Vehicles and Plug-in Hybrids. Only Murata products clearly stipulated as "for Automotive use" can be used for automobile applications such as Power train and Safety equipment.





| | | | | ••• | | | |
|-------------|-----------------|----------|-------------|--------|--------|--|--|
| Part Number | Dimensions (mm) | | | | | | |
| Part Number | L | W | Т | e min. | g min. | | |
| GA355Q | | 5.0 ±0.4 | 1.5 +0,-0.3 | 0.3 | 3.0 | | |
| GA355D | 5.7 ±0.4 | | 2.0 +0,-0.3 | | | | |
| GA355E | 3.7 ±0.4 | | 2.5 +0,-0.3 | | | | |
| GA355X | | | 2.9 +0,-0.4 | | | | |

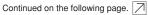
■ Standard Certification

| | Standard No. | Class | Rated Voltage |
|-------|--------------|-------|--------------------|
| VDE | IEC 60384-14 | | |
| SEMKO | EN 60384-14 | X2 | AC250V (r.m.s.) |
| ESTI | IEC 60384-14 | | _ , |

| Part Number | Rated Voltage | TC Code (Standard) | Capacitance | Length L (mm) | Width W (mm) | Thickness T max. (mm) | Electrode g min. | Electrode e |
|--------------------|----------------|-----------------------|-------------|------------------|-----------------|-----------------------------|------------------|-------------|
| GA355QR7GB103KW01L | 250Vac(r.m.s.) | X7R (EIA) | 10000pF±10% | 5.7 | 5.0 | 1.5 | 3.0mm | 0.3mm min. |
| GA355QR7GB153KW01L | 250Vac(r.m.s.) | X7R (EIA) | 15000pF±10% | 5.7 | 5.0 | 1.5 | 3.0mm | 0.3mm min. |
| GA355DR7GB223KW01L | 250Vac(r.m.s.) | X7R (EIA) | 22000pF±10% | 5.7 | 5.0 | 2 | 3.0mm | 0.3mm min. |
| GA355ER7GB333KW01L | 250Vac(r.m.s.) | X7R (EIA) | 33000pF±10% | 5.7 | 5.0 | 2.5 | 3.0mm | 0.3mm min. |
| GA355ER7GB473KW01L | 250Vac(r.m.s.) | X7R (EIA) | 47000pF±10% | 5.7 | 5.0 | 2.5 | 3.0mm | 0.3mm min. |
| GA355XR7GB563KW06L | 250Vac(r.m.s.) | X7R (EIA) | 56000pF±10% | 5.7 | 5.0 | 2.9 | 3.0mm | 0.3mm min. |

| No. | Ite | em | Specifications | Test Method | | |
|-----|--|------------------------|---|--|--|--|
| 1 | Operating Temperatu | ıre Range | -55 to +125°C | - | | |
| 2 | Appearar | nce | No defects or abnormalities | Visual inspection | | |
| 3 | Dimensio | ns | Within the specified dimensions | Using calipers and micrometers | | |
| 4 | | | No defects or abnormalities | No failure should be observed when voltage in the table is applied between the terminations for 60±1 sec., provided the charge/discharge current is less than 50mA. | | |
| 4 | | | No defects of abnormalities | Test Voltage Type GB DC1075V Type GC/GD AC1500V (r.m.s.) Type GF AC2000V (r.m.s.) | | |
| 5 | Pulse Vol (Applicati GD/GF) | - | No self healing breakdowns or flash-overs have taken place in the capacitor. | 10 impulses of alternating polarity are subjected. (5 impulses for each polarity) The interval between impulses is 60 sec. Applied Pulse: 1.2/50µs Applied Voltage: 2.5kVo-p | | |
| 6 | Insulation I | Resistance | More than $6{,}000M\Omega$ | The insulation resistance should be measured with DC500±50V and within 60±5 sec. of charging. | | |
| 7 | Capacita | nce | Within the specified tolerance | | | |
| 8 | Dissipation Factor (D.F.) | | Char. Specification X7R D.F.≤0.025 SL Q≥400+20C*² (C<30pF) | The capacitance/Q/D.F. should be measured at a frequency of 1±0.2kHz (SL char.: 1±0.2MHz) and a voltage of AC1±0.2V (r.m.s.). | | |
| 9 | Capacita Temperat Characte | ture | Char. Capacitance Change X7R Within ±15% Temperature characteristic guarantee is -55 to +125°C Char. Temperature Coefficient SL +350 to -1000ppm/°C Temperature characteristic guarantee is +20 to +85°C | The capacitance measurement should be made at each step specified in the Table. Step | | |
| | | Appearance | No defects or abnormalities | As in Fig., discharge is made 50 times at 5 sec. intervals from | | |
| | | I.R. | More than 1,000M Ω | the capacitor (Cd) charged at DC voltage of specified. | | |
| 10 | Discharge Test (Application: Type GC) | Dielectric Strength | In accordance with item No.4 | R3 R1 Ct: Capacitor under test Cd: 0.001μF R1: 1,000Ω R2: 100MΩ R3: Surge resistance | | |
| 11 | Adhesive Strength of Termination | | No removal of the terminations or other defect should occur. | Solder the capacitor to the testing jig (glass epoxy board) shown in Fig. 1. Then apply 10N force in the direction of the arrow. The soldering should be done using the reflow method and should be conducted with care so that the soldering is uniform and free of defects such as heat shock. 10N, 10±1s Glass Epoxy Board Glass Epoxy Board Glass Epoxy Board Fig. 1 | | |

^{*1 &}quot;Room condition" Temperature: 15 to 35°C, Relative humidity: 45 to 75%, Atmospheric pressure: 86 to 106kPa







^{*2 &}quot;C" expresses nominal capacitance value (pF).

Continued from the preceding page.

| No. | Ite | em | Specifications | Test Method |
|-----|---|-------------------------------|---|--|
| 12 | Appearance Capacitance Vibration Resistance D.F. Q | | No defects or abnormalities Within the specified tolerance Char. Specification X7R D.F.≤0.025 SL Q≥400+20C*2 (C<30pF) Q≥1000 (C≥30pF) | Solder the capacitor to the test jig (glass epoxy board). The capacitor should be subjected to a simple harmonic motion having a total amplitude of 1.5mm, the frequency being varied uniformly between the approximate limits of 10 and 55Hz. The frequency range, from 10 to 55Hz and return to 10Hz, should be traversed in approximately 1 min. This motion should be applied for a period of 2 hrs. in each of 3 mutually perpendicular directions (total of 6 hrs.). Solder resist |
| 13 | 13 Deflection | | No marking defects | Solder the capacitor to the testing jig (glass epoxy board) shown in Fig. 2. Then apply a force in the direction shown in Fig. 3. The soldering should be done using the reflow method and should be conducted with care so that the soldering is uniform and free of defects such as heat shock. 20 50 Pressurizing speed: 1.0mm/s Pressurize Pressurize Flexure=1 Capacitance meter 45 Fig. 3 |
| 14 | Solderability of | | 75% of the terminations are to be soldered evenly and continuously. | Immerse the capacitor in a solution of ethanol (JIS-K-8101) and rosin (JIS-K-5902) (25% rosin in weight proportion). Immerse in solder solution for 2±0.5 sec. Immersing speed: 25±2.5mm/s Temp. of solder: 245±5°C Lead Free Solder (Sn-3.0Ag-0.5Cu) 235±5°C H60A or H63A Eutectic Solder |
| 15 | Resistance to Soldering Heat | Appearance Capacitance Change | No marking defects Char. Capacitance Change X7R Within ±10% SL Within ±2.5% or ±0.25pF (Whichever is larger) More than 1,000MΩ | Preheat the capacitor as in table. Immerse the capacitor in solder solution at 260±5°C for 10±1 sec. Let sit at room condition*1 for 24±2 hrs., then measure. •Immersing speed: 25±2.5mm/s •Pretreatment for X7R char. Perform a heat treatment at 150±18°C for 60±5 min. and then let sit for 24±2 hrs. at room condition.*1 |
| | riout | Dielectric Strength | In accordance with item No.4 | *Preheating Step Temperature Time 1 |

^{*1 &}quot;Room condition" Temperature: 15 to 35°C, Relative humidity: 45 to 75%, Atmospheric pressure: 86 to 106kPa *2 "C" expresses nominal capacitance value (pF).





Continued from the preceding page.

| No. | Ite | em | Specifications | Test Method | | | |
|--------------|------------------------------|--|---|--|--|--|--|
| | | Appearance No marking defects Capacitance Char. Capacitance Change X7R Within ±15% Change SL Within ±2.5% or ±0.25pF (Whichever is larger) | | Fix the capacitor to the supporting jig (glass epoxy board) show in Fig. 4. Perform the 5 cycles according to the 4 heat treatments listed in the following table. Let sit for 24±2 hrs. at room condition,*1 then measure. | | | |
| Temper Cycle | emperature ycle . | D.F. Q I.R. Dielectric Strength | Char. Specification X7R D.F.≤0.05 SL Q≥400+20C*² (C<30pF) | Step Temperature (°C) Time (min.) 1 Min. Operating Temp.±3 30±3 2 Room Temp. 2 to 3 3 Max. Operating Temp.±2 30±3 4 Room Temp. 2 to 3 • Pretreatment for X7R char. Perform a heat treatment at 150 ⁺ 18°C for 60±5 min. and ther let sit for 24±2 hrs. at room condition.*1 Solder resist | | | |
| 17 (5 | lumidity Steady State) | Capacitance Change D.F. Q I.R. Dielectric Strength | No marking defects | Before this test, the test shown in the following is performed. Item 11 Adhesive Strength of Termination (applied force is 5N) Item 13 Deflection Let the capacitor sit at 40±2°C and relative humidity of 90 to 95% for 500±26 hrs. Remove and let sit for 24±2 hrs. at room condition,*1 then measure. Pretreatment for X7R char. Perform a heat treatment at 150±1,8°C for 60±5 min. and then let sit for 24±2 hrs. at room condition.*1 | | | |
| 18 L | ife | Appearance Capacitance Change D.F. Q I.R. Dielectric Strength | No marking defects Char. Capacitance Change X7R | Before this test, the test shown in the following is performed. Item 11 Adhesive Strength of Termination (apply force is 5N) Item 13 Deflection Impulse Voltage Each individual capacitor should be subjected to a 2.5kV (Type GC/GF: 5kV) Impulse (the voltage value means zero to peak) for three times. Then the capacitors are applied to life test. Apply voltage as in Table for 1,000 hrs. at 125+2°C, relative humidity 50% max. Type AC312.5V (r.m.s.), except that once each hour the voltage is increased to AC1,000V (r.m.s.) for 0.1 sec. GC GF GD AC425V (r.m.s.), except that once each hour the voltage is increased to AC1,000V (r.m.s.) for 0.1 sec. Let sit for 24±2 hrs. at room condition,*1 then measure. •Pretreatment for X7R char. Perform a heat treatment at 150-18°C for 60±5 min. and ther let sit for 24±2 hrs. at room condition.*1 | | | |

^{*1 &}quot;Room condition" Temperature: 15 to 35°C, Relative humidity: 45 to 75%, Atmospheric pressure: 86 to 106kPa





^{*2 &}quot;C" expresses nominal capacitance value (pF).

Ontinued from the preceding page.

| No. | Ite | em | Specifications | Test Method | |
|-----|-------------------------|------------------------|--|---|--|
| | | Appearance | No marking defects | | |
| | | Capacitance Change | Char. Capacitance Change X7R Within ±15% SL Within ±5.0% or ±0.5pF (Whichever is larger) | Before this test, the test shown in the following is performedItem 11 Adhesive Strength of Termination (apply force is 5N) -Item 13 Deflection | |
| 19 | Humidity Loading | D.F. Q | Char. Specification X7R D.F.≦0.05 SL Q≥275+5/2C*² (C<30pF) | Apply the rated voltage at 40±2°C and relative humidity of 90 to 95% for 500±24 hrs. Remove and let sit for 24±2 hrs. at room condition,*1 then measure. • Pretreatment for X7R char. | |
| | | I.R. | More than $3,000 M\Omega$ | Perform a heat treatment at 150 [±] 18°C for 60±5 min. and then let sit for 24±2 hrs. at room condition.*1 | |
| | | Dielectric Strength | In accordance with item No.4 | | |
| 20 | Active | | The cheesecloth should not be on fire. | The capacitor should be individually wrapped in at least one but not more than two complete layers of cheesecloth. The capacitor should be subjected to 20 discharges. The interval between successive discharges should be 5 sec. The UAc should be maintained for 2 min. after the last discharge. C1,2: 1μF±10% C3: 0.033μF±5% 10kV L1 to 4: 1.5mH±20% 16A Rod core choke C1: 3μF±5% 10kV R: 100Ω±2% Cx: Capacitor under test UAC: UR±5% F: Fuse, Rated 16A UR: Rated Voltage Ut: Voltage applied to Ct Type Ui GD, GB 2.5kV GC, GF 5kV | |
| 21 | Passive Flammability | | The burning time should not exceed 30 sec. The tissue paper should not ignite. | The capacitor under test should be held in the flame in the position which best promotes burning. Each specimen should be exposed to the flame only once. Time of exposure to flame: 30 sec. Length of flame: 12±1mm Gas burner: Length 35mm min. Inside Dia. 0.5±0.1mm Outside Dia. 0.9mm max. Gas: Butane gas Purity 95% min. Test Specimen Tissue About 10mm Thick Board | |

^{*1 &}quot;Room condition" Temperature: 15 to 35°C, Relative humidity: 45 to 75%, Atmospheric pressure: 86 to 106kPa

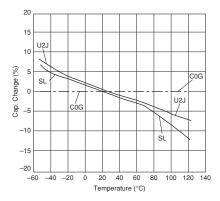


^{*2 &}quot;C" expresses nominal capacitance value (pF).

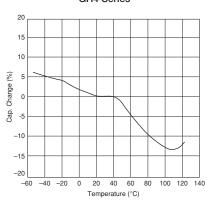
GRM/GRJ/GR3/GR4/GR7/GA2/GA3 Series Reference Data (Typical Example)

■ Capacitance - Temperature Characteristics

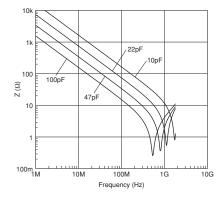
C0G/U2J/SL Characteristics



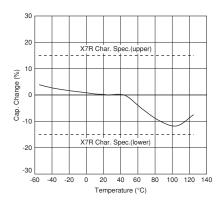
GR4 Series



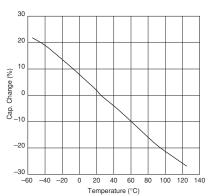
■ Impedance - Frequency Characteristics GRM Series (C0G Char. 250V)



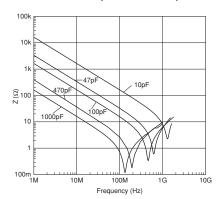
X7R Characteristics



X7T Characteristics



GRM Series (C0G Char. 630V)



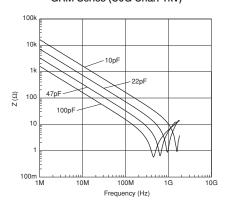




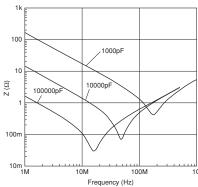
GRM/GRJ/GR3/GR4/GR7/GA2/GA3 Series Reference Data (Typical Example)

Continued from the preceding page.

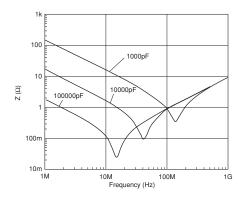
■ Impedance - Frequency Characteristics GRM Series (C0G Char. 1kV)



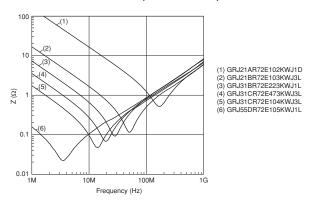
GRM Series (X7R Char. 250V)



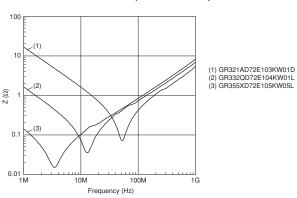
GRM Series (X7R Char. 630V)



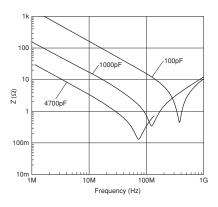
GRJ Series (X7R Char. 250V)



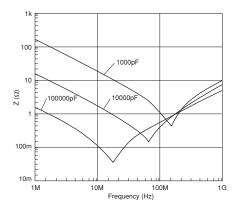
GR3 Series (X7T Char. 250V)



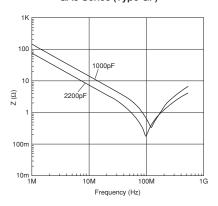
GR4 Series







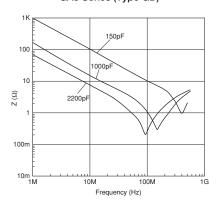
GA3 Series (Type GF)



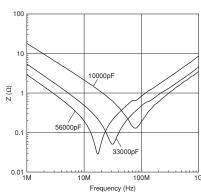
GRM/GRJ/GR3/GR4/GR7/GA2/GA3 Series Reference Data (Typical Example)

Continued from the preceding page.

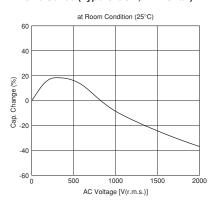
■ Impedance - Frequency Characteristics GA3 Series (Type GD)



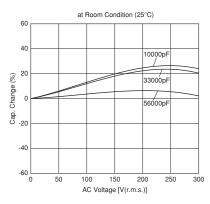
GA3 Series (Type GB)



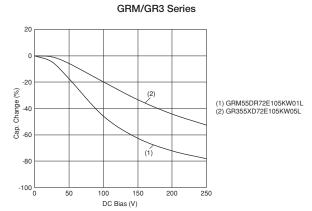
■ Capacitance - AC Voltage Characteristics GA3 Series (Type GF/GD, X7R Char.)



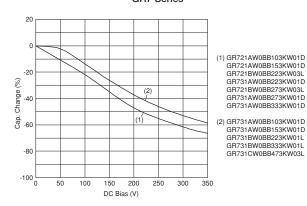
GA3 Series (Type GB)



■ Capacitance - DC Bias Characteristics



GR7 Series





Package

Taping is the standard packaging method.

■ Minimum Quantity Guide

| | | Dimensions (mm) | | | | ity (pcs.) | |
|--------------------------------------|-----------------------------|-----------------|------|------|-------------|---------------|--|
| Part N | lumber | | | , | ø180mm Reel | | |
| | | L | W | Т | Paper Tape | Embossed Tape | |
| | GRM18 | 1.6 | 0.8 | 0.8 | 4,000 | - | |
| | GRJ21/GRM21/GR321/ | 2.0 | 1.25 | 1.0 | 4,000 | - | |
| | GR721 | 2.0 | 1.25 | 1.25 | - | 3,000 | |
| | OD 104/OD1404/OD004/ | | | 1.0 | 4,000 | - | |
| | GRJ31/GRM31/GR331/ GR731 | 3.2 | 1.6 | 1.25 | - | 3,000 | |
| | | | | 1.6 | - | 2,000 | |
| | | | | 1.0 | 4,000 | - | |
| | GRJ32/GRM32/GR332 | 3.2 | 2.5 | 1.25 | - | 3,000 | |
| | GRJ32/GRW32/GR332 | 3.2 | 2.5 | 1.5 | - | 2,000 | |
| 250Vdc min. For General Purpose & | | | | 2.0 | - | 1,000 | |
| Only for Applications | GRM42/GR442 | 4.5 | 2.0 | 1.0 | - | 3,000 | |
| | GRIVI42/GR442 | 4.5 | 2.0 | 1.5 | - | 2,000 | |
| | GRJ43/GRM43/GR343/ GR443 | | 3.2 | 1.5 | - | 1,000 | |
| | | 4.5 | | 2.0 | - | 1,000 | |
| | GH443 | | | 2.5 | - | 500 | |
| | GRM55 | 5.7 | 5.0 | 1.5 | - | 1,000 | |
| | GRJ55/GRM55/GR355/ GR455 | 5.7 | 5.0 | 2.0 | - | 1,000 | |
| | GR355 | 5.7 | 5.0 | 2.7 | - | 500 | |
| | GA242 | 4.5 | 2.0 | 1.5 | - | 2,000 | |
| | | | | 1.5 | - | 1,000 | |
| AC250V | GA243 | 4.5 | 3.2 | 2.0 | - | 1,000 | |
| | GA255 | 5.7 | 5.0 | 2.0 | - | 1,000 | |
| | | | 2.0 | 1.0 | - | 3,000 | |
| | GA342 | 4.5 | | 1.5 | - | 2,000 | |
| | | | | 2.0 | - | 2,000 | |
| | 0.4.0.4.0 | 4.5 | | 1.5 | - | 1,000 | |
| | GA343 | 4.5 | 3.2 | 2.0 | - | 1,000 | |
| Safety Std. Certification | GA352 | 5.7 | 2.8 | 1.5 | - | 1,000 | |
| Gertinication | | | | 1.5 | - | 1,000 | |
| | | | | 2.0 | - | 1,000 | |
| | GA355 | 5.7 | 5.0 | 2.5 | - | 500 | |
| | | | | 2.7 | - | 500 | |
| | | | | 2.9 | - | 500 | |



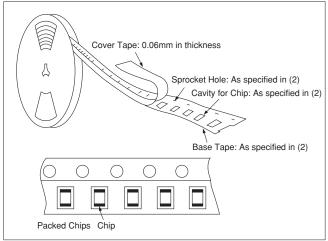


Package

Continued from the preceding page.

■ Tape Carrier Packaging

- (1) Appearance of Taping
- ① Embossed Tape



2 Paper Tape

Top Tape: 0.05mm in thickness

Sprocket Hole: As specified in (2)

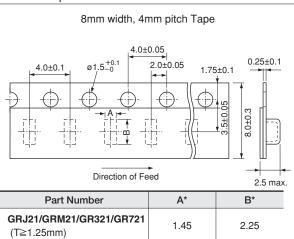
Cavity for Chip: As specified in (2)

Base Tape: As specified in (2)

Packed Chips Chip

(2) Dimensions of Tape

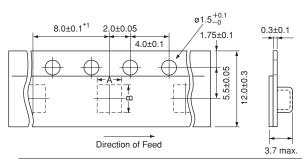
1 Embossed Tape



| Part Number | A * | B* |
|---------------------------------------|------------|------|
| GRJ21/GRM21/GR321/GR721 (T≧1.25mm) | 1.45 | 2.25 |
| GRJ31/GRM31/GR331/GR731 (T≧1.25mm) | 2.0 | 3.6 |
| GRJ32/GRM32/GR332 (T≧1.25mm) | 2.9 | 3.6 |

*Nominal Value

12mm width, 8mm/4mm pitch Tape



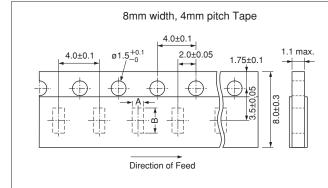
| Part Number | A* | B* |
|-------------------------------------|-----|-----|
| GRM42/GR442/GA242/GA342 | 2.5 | 5.1 |
| GRJ43/GRM43/GR343/GR443/GA243/GA343 | 3.6 | 4.9 |
| GA352 | 3.2 | 6.1 |
| GRJ55/GRM55/GR355/GR455/GA255/GA355 | 5.4 | 6.1 |

^{*1 4.0±0.1}mm in case of GRM42/GR442/GA242/GA342

*Nominal Value

(in mm)

2 Paper Tape



| Part Number | A* | B* |
|--|------|------|
| GRM18 | 1.05 | 1.85 |
| GRJ21/GRM21/GR321/GR721 (T=1.0mm) | 1.45 | 2.25 |
| GRM31/GR331/GR731 (T=1.0mm) | 2.0 | 3.6 |
| GRM32 (T=1.0mm) | 2.9 | 3.6 |

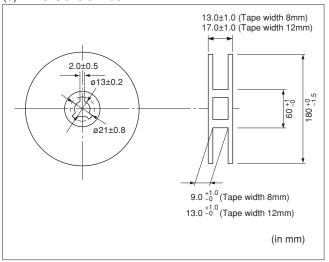
*Nominal Value

(in mm)

Package

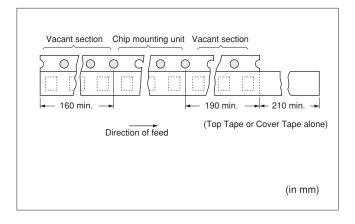
Continued from the preceding page.

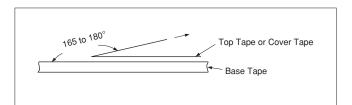
(3) Dimensions of Reel



(4) Taping Method

- ① Tapes for capacitors are wound clockwise. The sprocket holes are to the right as the tape is pulled toward the user.
- ② Part of the leader and part of the empty tape should be attached to the end of the tape as shown at right.
- ③ The top tape or cover tape and base tape are not attached at the end of the tape for a minimum of 5 pitches.
- 4 Missing capacitors number within 0.1% of the number per reel or 1 pc, whichever is greater, and are not continuous.
- (5) The top tape or cover tape and bottom tape should not protrude beyond the edges of the tape and should not cover sprocket holes.
- ⑥ Cumulative tolerance of sprocket holes, 10 pitches: ±0.3mm.
- Peeling off force: 0.1 to 0.6N in the direction shown at right.







⚠ Caution/Notice

⚠Caution

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■ Storage and Operation Conditions

Do not use or store capacitors in a corrosive atmosphere, especially where chloride gas, sulfide gas, acid, alkali, salt or the like are present. In addition, avoid exposure to moisture. Before cleaning, bonding or molding this product, verify that these processes do not affect product quality by testing the performance of a cleaned, bonded or molded product in the intended equipment. Store the capacitors where the temperature and relative humidity do not exceed 5 to 40 degrees centigrade and 20 to 70%. Use capacitors within 6 months of delivery. Check the solderability after 6 months or more.

■ Rating

1. Operating Voltage

When DC-rated capacitors are to be used in AC or ripple current circuits, be sure to maintain the Vp-p value of the applied voltage or the Vo-p which contains DC bias within the rated voltage range.

When the voltage is applied to the circuit, starting or stopping may generate irregular voltage for a transit period because of resonance or switching. Be sure to use a capacitor with a rated voltage range that includes these irregular voltages.

When DC-rated capacitors are to be used in input circuits from a commercial power source (AC filter), be sure to use Safety Certified Capacitors because various regulations for withstanding voltage or impulses, established for all equipment, should be taken into consideration.

| Voltage | DC Voltage | DC+AC Voltage | AC Voltage | Pulse Voltage (1) | Pulse Voltage (2) |
|---------------------------|------------|---------------|------------|-------------------|-------------------|
| Positional Measurement | Vo-p | Vo-p | Vp-p | Vp-p | Vp-p |

2. Operating Temperature, Self-generated Heat, and Load Reduction at High-frequency Voltage Condition

Keep the surface temperature of a capacitor below the upper limit of its rated operating temperature range. Be sure to take into account the heat generated by the capacitor itself. When the capacitor is used in a highfrequency voltage, pulse voltage, it may self-generate heat due to dielectric loss.

(1) In the case of X7R, X7T char.

Applied voltage should be the load such as selfgenerated heat is within 20°C on the condition of atmosphere temperature 25°C. When measuring, use a thermocouple of small thermal capacity -K of Ø0.1mm in conditions where the capacitor is not affected by radiant heat from other components or surrounding ambient fluctuations. Excessive heat may lead to deterioration of the capacitor's characteristics and reliability. (Never attempt to perform measurement with the cooling fan running. Otherwise, accurate measurement cannot be ensured.)





Continued from the preceding page.

(2) In case of C0G, U2J char.

Due to the low self-heating characteristics of low-dissipation capacitors, the allowable electric power of these capacitors is generally much higher than that of X7R characteristic capacitors.

When a high frequency voltage that causes 20°C selfheating to the capacitor is applied, it will exceed the capacitor's allowable electric power.

The frequency of the applied sine wave voltage should be less than 500kHz (less than 100kHz in the case of rated voltage: DC3.15kV). The applied voltage should be less than the value shown in figure below.

In the case of non-sine wave that includes a harmonic frequency, please contact our sales representatives or product engineers. Excessive heat may lead to deterioration of the capacitor's characteristics and reliability. (Never attempt to perform measurement with the cooling fan running. Otherwise, accurate measurement cannot be ensured.)

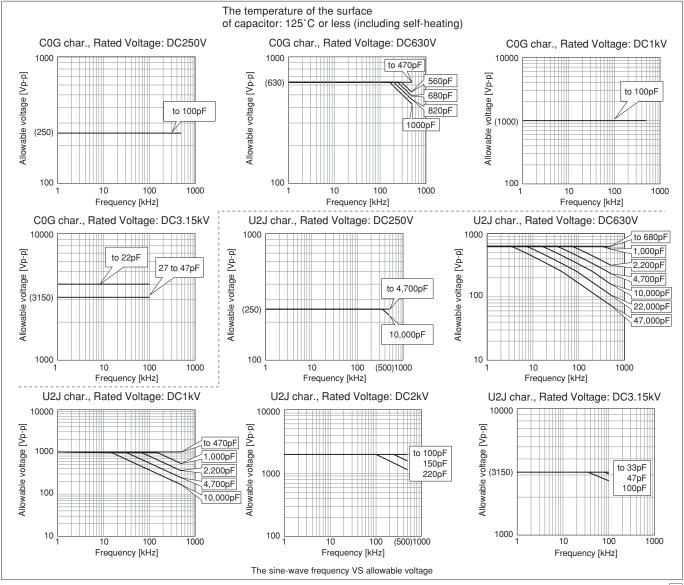
<C0G char., Rated Voltage: DC3.15kV>

The capacitors less than 22pF can be applied maximum 4.0kV peak to peak at 100kHz or less only for the ballast or the resonance usage in the LCD backlight inverter circuit.

<Capacitor Selection Tool>

We are also offering free software/the capacitor selection tool: "Murata Medium Voltage Capacitors Selection Tool by Voltage Form," which will assist you in selecting a suitable capacitor.

The software can be downloaded from Murata's Website. (http://www.murata.com/designlib/mmcsv/index.html). By inputting capacitance values and the applied voltage waveform of the specific capacitor series, this software will calculate the capacitor's power consumption and list suitable capacitors (non-sine wave is also available).







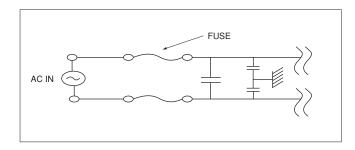


 $\begin{tabular}{|c|c|c|c|}\hline \searrow & Continued from the preceding page. \end{tabular}$

3. Fail-safe

Failure of a capacitor may result in a short circuit. Be sure to provide an appropriate fail-safe function such as a fuse on your product to help eliminate possible electric shock, fire, or fumes.

Please consider using fuses on each AC line if the capacitors are used between the AC input lines and earth (line bypass capacitors), to prepare for the worst case, such as a short circuit.



4. Test Condition for AC Withstanding Voltage

(1) Test Equipment

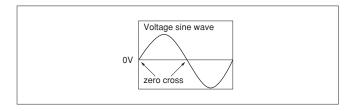
Tests for AC withstanding voltage should be made with equipment capable of creating a wave similar to a 50/60 Hz sine wave.

If the distorted sine wave or overload exceeding the specified voltage value is applied, a defect may be caused.

- *ZERO CROSS is the point where voltage sine wave passes 0V.
- See the figure at right -

(2) Voltage Applied Method

The capacitor's leads or terminals should be firmly connected to the output of the withstanding voltage test equipment, and then the voltage should be raised from near zero to the test voltage. If the test voltage is applied directly to the capacitor without raising it from near zero. it should be applied with the zero cross.* At the end of the test time, the test voltage should be reduced to near zero, and then the capacitor's leads or terminals should be taken off the output of the withstanding voltage test equipment. If the test voltage is applied directly to the capacitor without raising it from near zero, surge voltage may occur and cause a defect.



■ Soldering and Mounting

1. Vibration and Impact

Do not expose a capacitor to excessive shock or vibration during use.

of improvement>

2. Circuit Board Material

It is possible for the chip to crack by the expansion and shrinkage of a metal board.

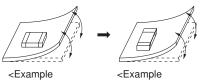
Please contact us if you want to use our ceramic capacitors on a metal board such as Aluminum.

3. Land Layout for Cropping PC Board

Choose a mounting position that minimizes the stress imposed on the chip during flexing or bending of the board.

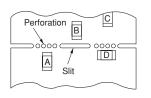
[Component Direction]

to be avoided>



Locate chip horizontal to the direction in which stress acts.

[Chip Mounting Close to Board Separation Point]



Chip arrangement Worst A>C>B~D Best





Continued from the preceding page.

4. Reflow Soldering

- When components are exposed to sudden heat, their mechanical strength can be decreased due to the extreme temperature changes which can cause flexing and result in internal mechanical damage, which will cause the parts to fail. In order to prevent mechanical damage, preheating is required for both the components and the PCB board. Preheating conditions are shown in Table 1. It is required to keep the temperature differential between the soldering and the components surface (ΔT) as small as possible.
- Solderability of Tin plating termination chips might be deteriorated when low temperature soldering profile where peak solder temperature is below the Tin melting point is used. Please confirm the solderability of Tin plating termination chips before use.
- When components are immersed in solvent after mounting, be sure to maintain the temperature difference (ΔT) between the component and solvent within the range shown in the Table 1.

Table 1

| Part Number | Temperature Differential |
|-------------------|--------------------------|
| G□□18/21/31 | ΔΤ≦190℃ |
| G□□32/42/43/52/55 | ΔΤ≦130℃ |

Recommended Conditions

| | Pb-Sn S | Lead Free Solder | |
|------------------|-----------------------------|------------------|-----------|
| | Infrared Reflow Vapor Reflo | | |
| Peak Temperature | 230-250°C | 230-240°C | 240-260°C |
| Atmosphere | Air | Air | Air or N2 |

Pb-Sn Solder: Sn-37Pb Lead Free Solder: Sn-3.0Ag-0.5Cu

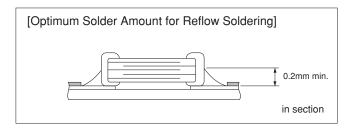
[Standard Conditions for Reflow Soldering] Infrared Reflow Temperature (℃) Soldering Peak Temperature 200°C ΛТ 170°C 150°C 130°C Preheating Time 60-120 seconds 30-60 seconds Vapor Reflow Temperature (°C) Soldering Peak Temperature Gradual ΔΤ 170°C 150°C 130°C Preheating Time 60-120 seconds [Allowable Soldering Temperature and Time] Soldering Temperature (°C) 270 260 250 240 230 90 Soldering Time (sec.) In the case of repeated soldering, the accumulated soldering time must be within the range shown above.

Optimum Solder Amount for Reflow Soldering

- Overly thick application of solder paste results in excessive solder fillet height. This makes the chip more susceptible to mechanical and thermal stress on the board and may cause cracked
- Too little solder paste results in a lack of adhesive strength on the outer electrode, which may result in chips breaking loose from the PCB.
- Make sure the solder has been applied smoothly to the end surface to a height of 0.2mm min.

Inverting the PCB

Make sure not to impose an abnormal mechanical shock on the PCB.



⚠Caution

Continued from the preceding page.

5. Flow Soldering

- When components are exposed to sudden heat, their mechanical strength can be decreased due to the extreme temperature changes which can cause flexing and result in internal mechanical damage, which will cause the parts to fail. Additionally, an excessively long soldering time or high soldering temperature results in leaching by the outer electrodes, causing poor adhesion or a reduction in capacitance value due to loss of contact between electrodes and end termination.
- In order to prevent mechanical damage, preheating is required for both the components and the PCB board. Preheating conditions are shown in Table 2. It is required to keep temperature differential between the soldering and the components surface (ΔT) as small as possible.
- When components are immersed in solvent after mounting, be sure to maintain the temperature difference between the component and solvent within the range shown in Table 2.

Do not apply flow soldering to chips not listed in Table 2.

Table 2

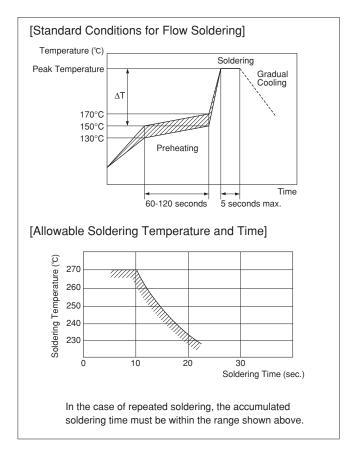
| Part Number | Temperature Differential |
|-------------|--------------------------|
| G□□18/21/31 | ∆T≦150℃ |

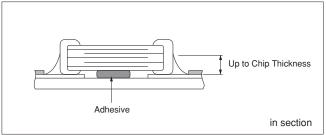
Recommended Conditions

| | Pb-Sn Solder | Lead Free Solder |
|------------------|--------------|------------------|
| Peak Temperature | 240-250°C | 250-260°C |
| Atmosphere | Air | N ₂ |

Pb-Sn Solder: Sn-37Pb Lead Free Solder: Sn-3.0Ag-0.5Cu

 Optimum Solder Amount for Flow Soldering The top of the solder fillet should be lower than the thickness of components. If the solder amount is excessively large, the risk of cracking is higher during board bending or under any other stressful conditions.









⚠Caution

\(\sum \) Continued from the preceding page.

6. Correction with a Soldering Iron

 When sudden heat is applied to the components by use of a soldering iron, the mechanical strength of the components will decrease because the extreme temperature change causes deformations inside the components.

In order to prevent mechanical damage to the components, preheating is required for both the components and the PCB board.

Preheating conditions, (The "Temperature of the Soldering Iron Tip", "Preheating Temperature,"

"Temperature Differential" between iron tip and the

Table 3

| Part Number | Temperature of Soldering Iron Tip | | Temperature Differential (∆T) | Atmosphere |
|-----------------------|-----------------------------------|------------|-------------------------------------|------------|
| G□□18/21/31 | 350°C max. | 150°C min. | ΔΤ≦190℃ | air |
| G□□32/42/43/ 52/55 | 280°C max. | 150°C min. | ΔΤ≦130℃ | air |

*Applicable for both Pb-Sn and Lead Free Solder.

Pb-Sn Solder: Sn-37Pb

Lead Free Solder: Sn-3.0Ag-0.5Cu

 Optimum Solder Amount when re-working Using a Soldering Iron

For sizes smaller than G = 18, the top of the solder fillet should be lower than 2/3 of the thickness of the component or 0.5mm whichever is smaller.

For sizes larger than $G \square \square 21$, the top of the solder fillet should be lower than 2/3 of the thickness of the component.

If the solder amount is excessive, the risk of cracking is higher during board bending or under any other stressful conditions.

A Soldering iron ø3mm or smaller should be used. It is also necessary to keep the soldering iron from touching the components during the re-work. Solder wire with ø0.5mm or smaller is required for soldering.

7. Washing

Excessive output of ultrasonic oscillation during cleaning causes PCBs to resonate, resulting in cracked chips or broken solder. Take note not to vibrate PCBs.

8. Handling

Do not directly touch the chip capacitor, especially the ceramic body. Residue from hands/fingers may create a short circuit environment.

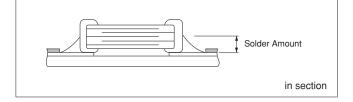
FAILURE TO FOLLOW THE ABOVE CAUTIONS MAY RESULT, WORST CASE, IN A SHORT CIRCUIT AND FUMING WHEN THE PRODUCT IS USED.

components and the PCB), should be within the conditions of table 3.

It is required to keep the temperature differential between the soldering Iron and the component's surface (ΔT) as small as possible.

After soldering, do not allow the component/PCB to cool down rapidly.

The operating time for the re-working should be as short as possible. When re-working time is too long, it may cause solder leaching, in turn causing a reduction of the adhesive strength of the terminations.





AC250V Type GA2 Series

Notice

Rating

1. Capacitance Change of Capacitor

(1) In the case of X7R, X7T char.

Capacitors have an aging characteristic, whereby the capacitor continually decreases its capacitance slightly if the capacitor is left on for a long time. Moreover, capacitance might change greatly depending on the surrounding temperature or an applied voltage. Therefore, it is not likely to be suitable for use in a time constant circuit. Please contact us if you need detailed information.

(2) In the case of any char. except X7R, X7T Capacitance might change a little depending on the surrounding temperature or an applied voltage. Please contact us if you intend to use this product in a strict time constant circuit.

2. Performance Check by Equipment

Before using a capacitor, check that there is no problem in the equipment's performance and the specifications.

Generally speaking, CLASS 2 (X7R, X7T char.) ceramic capacitors have voltage dependence characteristics and temperature dependence characteristics in capacitance. Therefore, the capacitance value may change depending on the operating condition in the equipment.

Accordingly, be sure to confirm the apparatus performance of receiving influence in a capacitance value change of a capacitor, such as leakage current and noise suppression characteristics.

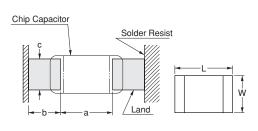
Moreover, check the surge-proof ability of a capacitor in the equipment, if needed, because the surge voltage may exceed the specific value by the inductance of the circuit.

Soldering and Mounting

1. Construction of Board Pattern

After installing chips, if solder is excessively applied to the circuit board, mechanical stress will cause destruction resistance characteristics to lower. To prevent this, be extremely careful in determining shape and dimension before designing the circuit board diagram.

Construction and Dimensions of Pattern (Example)



Flow Soldering

| L×W | а | b | С |
|----------|---------|---------|---------|
| 1.6×0.8 | 0.6-1.0 | 0.8-0.9 | 0.6-0.8 |
| 2.0×1.25 | 1.0-1.2 | 0.9-1.0 | 0.8-1.1 |
| 3.2×1.6 | 2.2-2.6 | 1.0-1.1 | 1.0-1.4 |

Flow soldering: 3.2×1.6 or less available.

Reflow Soldering

| tonen concerning | | | |
|------------------|---------|---------|---------|
| L×W | а | b | С |
| 1.6×0.8 | 0.6-0.8 | 0.6-0.7 | 0.6-0.8 |
| 2.0×1.25 | 1.0-1.2 | 0.6-0.7 | 0.8-1.1 |
| 3.2×1.6 | 2.2-2.4 | 0.8-0.9 | 1.0-1.4 |
| 3.2×2.5 | 2.0-2.4 | 1.0-1.2 | 1.8-2.3 |
| 4.5×2.0 | 2.8-3.4 | 1.2-1.4 | 1.4-1.8 |
| 4.5×3.2 | 2.8-3.4 | 1.2-1.4 | 2.3-3.0 |
| 5.7×2.8 | 4.0-4.6 | 1.4-1.6 | 2.1-2.6 |
| 5.7×5.0 | 4.0-4.6 | 1.4-1.6 | 3.5-4.8 |

(in mm)

Continued on the following page. $\begin{tabular}{|c|c|c|c|} \hline \end{tabular}$

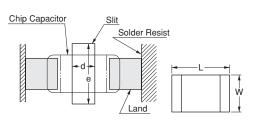




Notice

Continued from the preceding page.

Dimensions of Slit (Example)



Preparing the slit helps flux cleaning and resin coating on the back of the capacitor. However, the length of the slit design should be as short as possible to prevent mechanical damage in the capacitor. A longer slit design might receive more severe

mechanical stress from the PCB. Recommended slit design is shown in the Table.

| L×W | d | е |
|----------|---------|---------|
| 1.6×0.8 | - | - |
| 2.0×1.25 | - | - |
| 3.2×1.6 | 1.0-2.0 | 3.2-3.7 |
| 3.2×2.5 | 1.0-2.0 | 4.1-4.6 |
| 4.5×2.0 | 1.0-2.8 | 3.6-4.1 |
| 4.5×3.2 | 1.0-2.8 | 4.8-5.3 |
| 5.7×2.8 | 1.0-4.0 | 4.4-4.9 |
| 5.7×5.0 | 1.0-4.0 | 6.6-7.1 |

(in mm)

Land Layout to Prevent Excessive Solder

| Chassis Solder (Ground solder) | Lead Wire Connected to a Part Provided with Lead Wires. | Soldering Iron Lead Wire of Component to be Connected Later. |
|--|---|---|
| Adhesive Base board Land Pattern in section | in section | in section |
| d2 d1 <d2< th=""><th>Solder Resist</th><th>Solder Resist in section</th></d2<> | Solder Resist | Solder Resist in section |
| older | | Resist in section in section |

2. Mounting of Chips

- Thickness of adhesives applied Keep thickness of adhesives applied (50-105µm or more) to reinforce the adhesive contact considering the thickness of the termination or capacitor (20-70µm) and the land pattern (30-35µm).
- Mechanical shock of the chip placer When the positioning claws and pick-up nozzle are worn, the load is applied to the chip while positioning is concentrated in one position, thus causing cracks, breakage, faulty positioning accuracy, etc. Careful checking and maintenance are necessary to prevent unexpected trouble. An excessively low bottom dead point of the suction nozzle imposes great force on the chip during mounting, causing cracked chips. Please set the suction nozzle's bottom dead point on the upper surface of the board.





Notice

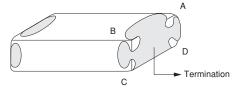
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3. Soldering

(1) Limit of losing effective area of the terminations and conditions needed for soldering.

Depending on the conditions of the soldering temperature and/or immersion (melting time), effective areas may be lost in some parts of the terminations.

To prevent this, be careful in soldering so that any possible loss of the effective area on the terminations will securely remain at a maximum of 25% on all edge length A-B-C-D-A of part with A, B, C, D, shown in the Figure below.



4. Cleaning

Please confirm there is no problem in the reliability of the product beforehand when cleaning it with the intended equipment.

The residue after cleaning it might cause a decrease in the surface resistance of the chip and the corrosion of the electrode part, etc. As a result it might cause reliability to deteriorate. Please confirm beforehand that there is no problem with the intended equipment in ultrasonic cleansing.

5. Resin Coating

Please use it after confirming there is no influence on the product with the intended equipment before the resin coating and molding.

A cracked chip might be caused at the cooling/heating cycle by the amount of resin spreading and/or bias

The resin for coating and molding must be selected as the stress is small when stiffening and the hygroscopic is low as possible.

(2) Flux Application

- An excessive amount of flux generates a large quantity of flux gas, causing deteriorated solderability. So apply flux thinly and evenly throughout. (A foaming system is generally used for flow soldering.)
- Flux containing too high a percentage of halide may cause corrosion of the outer electrodes without sufficient cleaning. Use flux with a halide content of 0.2% max.
- Do not use strong acidic flux.
- Do not use water-soluble flux.* (*Water-soluble flux can be defined as non rosin type flux including wash-type flux and non-wash-type flux.)
- (3) Solder

The use of Sn-Zn based solder will deteriorate the reliability of the MLCC.

Please contact our sales representative or product engineers on the use of Sn-Zn based solder in advance.



MEMO



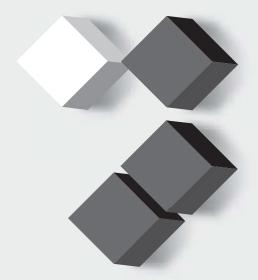
Contents

Metal Terminal Monolithic Ceramic Capacitors

For General Purpose KRM/KR3 Series

| High Capacitance for General Use KRM Seriesp200 |
|---|
| Large Capacitance and High Allowable |
| Ripple Current Type KR3 Series p204 |
| |

| Package ····· p208 | 3 |
|--------------------|---|
| |) |





Metal Terminal Monolithic Ceramic Capacitors

High Capacitance for General Use KRM Series



Deflecting crack



Features

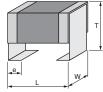
- 1. The product has high reliability against heat and mechanical impact.
- 2. Stacking two capacitors reduces the mounting space and achieves a large capacitance.
- 3. The unique terminal structure greatly reduces noise from the ceramics on the board.

■ Applications

For smoothing and noise suppression of DC-DC converters

Do not use these products in any Automotive Power train or Safety equipment incliding Battery chargers for Electric Vehicles and Plug-in Hybrids. Only Murata products clearly stipulated as "for Automotive use" can be used for automobile appliations such as Power train and Safety equipment.





| Part Number | Dimensions (mm) | | | | | | |
|-------------|-----------------|----------|---------|---------|--|--|--|
| Fart Number | L | W | T | е | | | |
| KRM31F | 3.5±0.3 | 1.7±0.2 | 1.9±0.1 | | | | |
| | 3.5±0.3 | 1.7±0.2 | 2.7±0.2 | 0.8±0.2 | | | |
| KRM31K | 3.6±0.3 | 1.7±0.2 | 2.7±0.2 | U.0±U.2 | | | |
| | 3.7±0.3 | 1.85±0.2 | 2.7±0.2 | | | | |
| KRM55L | | | 2.8±0.2 | | | | |
| KRM55Q | 6 1+0 4 | 5.3±0.2 | 3.7±0.2 | 1.2±0.2 | | | |
| KRM55T | 6.1±0.4 | | 4.8±0.2 | 1.2±0.2 | | | |
| KRM55W | | | 6.4±0.3 | | | | |

| Part Number | Rated Voltage | TC Code (Standard) | Capacitance | Length L (mm) | Width W (mm) | Thickness T max. (mm) | Metal Terminal Width e (mm) |
|--------------------|---------------|-----------------------|-------------|------------------|-----------------|-----------------------------|--------------------------------|
| KRM31FR61E106KH01K | 25Vdc | X5R (EIA) | 10μF±10% | 3.5 | 1.7 | 2 | 0.8±0.2mm |
| KRM31KC81E106KH01K | 25Vdc | X6S (EIA) | 10μF±10% | 3.5 | 1.7 | 2.9 | 0.8±0.2mm |
| KRM55LR71E156KH01K | 25Vdc | X7R (EIA) | 15µF±10% | 6.1 | 5.3 | 3 | 1.2±0.2mm |
| KRM55QR71E226KH01K | 25Vdc | X7R (EIA) | 22µF±10% | 6.1 | 5.3 | 3.9 | 1.2±0.2mm |
| KRM55TR71E336MH01K | 25Vdc | X7R (EIA) | 33µF±20% | 6.1 | 5.3 | 5 | 1.2±0.2mm |
| KRM55WR71E476MH01K | 25Vdc | X7R (EIA) | 47μF±20% | 6.1 | 5.3 | 6.7 | 1.2±0.2mm |
| KRM31KR71H225KH01K | 50Vdc | X7R (EIA) | 2.2µF±10% | 3.6 | 1.7 | 2.9 | 0.8±0.2mm |
| KRM31KR71H475KH01K | 50Vdc | X7R (EIA) | 4.7μF±10% | 3.5 | 1.7 | 2.9 | 0.8±0.2mm |
| KRM55LR71H475KH01K | 50Vdc | X7R (EIA) | 4.7μF±10% | 6.1 | 5.3 | 3 | 1.2±0.2mm |
| KRM55QR71H106KH01K | 50Vdc | X7R (EIA) | 10μF±10% | 6.1 | 5.3 | 3.9 | 1.2±0.2mm |
| KRM55WR71H226MH01K | 50Vdc | X7R (EIA) | 22µF±20% | 6.1 | 5.3 | 6.7 | 1.2±0.2mm |
| KRM55LR71J475KH01K | 63Vdc | X7R (EIA) | 4.7µF±10% | 6.1 | 5.3 | 3 | 1.2±0.2mm |
| KRM55QR71J106KH01K | 63Vdc | X7R (EIA) | 10μF±10% | 6.1 | 5.3 | 3.9 | 1.2±0.2mm |
| KRM55WR71J226MH01K | 63Vdc | X7R (EIA) | 22µF±20% | 6.1 | 5.3 | 6.7 | 1.2±0.2mm |
| KRM31KR72A105KH01K | 100Vdc | X7R (EIA) | 1.0µF±10% | 3.5 | 1.7 | 2.9 | 0.8±0.2mm |
| KRM31KR72A225KH01K | 100Vdc | X7R (EIA) | 2.2µF±10% | 3.7 | 1.7 | 2.9 | 0.8±0.2mm |
| KRM55LR72A475KH01K | 100Vdc | X7R (EIA) | 4.7μF±10% | 6.1 | 5.3 | 3 | 1.2±0.2mm |
| KRM55QR72A685KH01K | 100Vdc | X7R (EIA) | 6.8µF±10% | 6.1 | 5.3 | 3.9 | 1.2±0.2mm |
| KRM55TR72A106MH01K | 100Vdc | X7R (EIA) | 10μF±20% | 6.1 | 5.3 | 5 | 1.2±0.2mm |
| KRM55WR72A156MH01K | 100Vdc | X7R (EIA) | 15µF±20% | 6.1 | 5.3 | 6.7 | 1.2±0.2mm |

KRM Series Specifications and Test Methods

| No. | Item | Specifications | Test Method | | | |
|-----|---|--|---|--|--|--|
| 1 | Operating Temperature Range | X5R Char.: -55 to +85°C X6S Char.: -55 to +105°C X7R Char.: -55 to +125°C | Reference temperature: 25°C | | | |
| 2 | Appearance | No defects or abnormalities | Visual inspection | | | |
| 3 | Dimensions | Within the specified dimensions | Using calipers and micrometers | | | |
| 4 | Dielectric Strength | No defects or abnormalities | No failure should be observed when voltage in the table is applied between the terminations for 1 to 5 sec., provided the charge/discharge current is less than 50mA. Rated Voltage Test Voltage DC25V, DC50V, DC63V 250% of the rated voltage | | | |
| 5 | Insulation Resistance (I.R.) | [KRM31] W.V.: 25V : More than $50M\Omega \cdot \mu F$ W.V.: $50V/100V$: More than $500M\Omega \cdot \mu F$ [KRM55] More than $100M\Omega \cdot \mu F$ | DC100V 200% of the rated voltage The insulation resistance should be measured with Rated Voltage and within 60±5 sec. of charging. | | | |
| 6 | Capacitance | Within the specified tolerance | | | | |
| 7 | Dissipation Factor (D.F.) | [KRM31] W.V.: 25V : 0.15 max. W.V.: 50V : 0.025 max. W.V.: 100V : 0.05 max. [KRM55] 0.025 max. | The capacitance/D.F. should be measured at reference temperature at the meaning frequency and voltage shown in the table. Nominal Capacitance Frequency Voltage | | | |
| 8 | Capacitance Temperature Characteristics | X5R Char.: Within ±15% (Temp. Range: -55 to +85°C) X6S Char.: Within ±22% (Temp. Range: -55 to +105°C) X7R Char.: Within ±15% (Temp. Range: -55 to +125°C) | The capacitance measurement should be made at each step specified in the Table. Step | | | |
| 9 | Strength of Metal Terminal | Termination not to be broken or loosened | A static load of 10N using a pressure rod should be applied to the center in the direction of the arrow and held for 10 s. Pressure Pressure Rod O.5L | | | |
| 10 | Adhesive Strength of Termination | No removal of the terminations or other defect should occur. | Solder the capacitor to the testing jig (glass epoxy board) show in Fig. 1. Then apply 10N force in the direction of the arrow. The soldering should be done using the reflow method and should be conducted with care so that the soldering is uniform and free defects such as heat shock. Glass Epoxy Board Fig. 1 | | | |

(*1) "Room condition" Temperature: 15 to 35°C, Relative humidity: 45 to 75%, Atmospheric pressure: 86 to 106kPa





KRM Series Specifications and Test Methods

Continued from the preceding page.

| No. | Ite | em | Specifications | Test Method | |
|-----|------------------------------|-----------------------|--|--|--|
| | | Appearance | No defects or abnormalities | Solder the capacitor to the test jig (glass epoxy board). | |
| 11 | Vibration Resistance | Capacitance D.F. | Within the specified tolerance In accordance with item No.7 | The capacitor should be subjected to a simple harmonic motion having a total amplitude of 1.5mm, the frequency being varied uniformly between the approximate limits of 10 and 55Hz. The frequency range, from 10 to 55Hz and return to 10Hz, should be traversed in approximately 1 min. This motion should be applied for a period of 2 hrs. in each of 3 mutually perpendicular directions (total of 6 hrs.). | |
| | | | | Glass Epoxy Board | |
| | | | No marking defects | Solder the capacitor to the testing jig (glass epoxy board) shown in Fig. 2. | |
| 12 | 2 Deflection | | 04.5 04.5 100 t:1.6 (in mm) | Then apply a force in the direction shown in Fig. 3. The soldering should be done using the reflow method and should be conducted with care so that the soldering is uniform and free of defects such as heat shock. | |
| | | | Type a b c d KRM31 2.2 5.0 1.65 1.0 | Capacitance meter | |
| | | | KRM51 2.2 3.0 1.03 1.0 KRM55 4.5 8.0 5.6 1.0 | 45 + 45 (in mm) | |
| | | | Fig. 2 | Fig. 3 | |
| 13 | Solderability of Termination | | The metal surface is soldered well | Reflow Soldering: Peak 260+0/-5°C The area of soldering 230°C min., 20 to 40 s Let sit for 24±2 h at room condition,* then measure. •Pretreatment Perform the heat treatment at 150+0/-10°C for 60±5 min. and then let sit for 24±2 h at room condition. (*1) 300°C 200°C 180°C 100°C 60 to 120 s | |
| | | Appearance | No marking defects | als accept Deflow Coldering | |
| | Resistance | Capacitance Change | Within ±10% | In case of Reflow Soldering See item 13 Solderability of termination In case of Soldering Iron | |
| 14 | to Soldering | D.F. | In accordance with item No.7 | Temp. of solder: 350±10°C Solder time: 4+1/-0 s | |
| | Heat | I.R. | In accordance with item No.5 | Let sit for 24±2 hrs.at room condition,* then measure | |
| | Dielectric Strength | | In accordance with item No.4 | Please refer to "Caution (Soldering and Mounting) Correction with a Soldering Iron" | |

(*1) "Room condition" Temperature: 15 to 35°C, Relative humidity: 45 to 75%, Atmospheric pressure: 86 to 106kPa





KRM Series Specifications and Test Methods

Continued from the preceding page.

| No. | Ite | Item Specifications | | Test Method | | | |
|-----|-------------------------------|--|---|--|--|--|--|
| | Appearance | | No marking defects | ix the capacitor to the supporting jig (glass epoxy board) shown | | | |
| | | Capacitance Change | Within ±7.5% | in Fig. 4. Perform the 100 cycles according to the 4 heat treatments listed in the following table. | | | |
| | | D.F. | In accordance with item No.7 | Let sit for 24±2 hrs. at room condition,* then measure. | | | |
| | | I.R. | In accordance with item No.5 | Step Temperature (°C) Time (min.) | | | |
| | | 1.11. | in accordance with item No.5 | 1 Min. Operating Temp. ±3 30±3 | | | |
| | | | | 2 Room Temp. 2 to 3 | | | |
| | | | | 3 Max. Operating Temp. ±2 30±3 | | | |
| 15 | Temperature Cycle | Dielectric | In accordance with item No.4 | 4 Room Temp. 2 to 3 •Pretreatment Perform a heat treatment at 150+0/-10°C for 60±5 min. and then let sit for 24±2 hrs. at room condition. (*1) | | | |
| | | Strength | III accordance with item No.4 | Solder Resist Glass Epoxy Board Fig. 4 | | | |
| | | Appearance | No marking defects | 1 ig. 1 | | | |
| | | Capacitance | Within ±15% | | | | |
| 16 | Humidity (Steady State) | D.F. | [KRM31] W.V.: 25V : 0.2 max. W.V: 50V/100V : 0.05 max. [KRM55] 0.05 max. | Let the capacitor sit at 40±2°C and relative humidity of 90 to 95% for 500+24/-0 hrs. Remove and let sit for 24±2 hrs. at room condition,* then measure. | | | |
| | | I.R. | [KRM31] W.V.: 25V : More than 12.5M $\Omega \cdot \mu F$ W.V.: 50V/100V : More than 50M $\Omega \cdot \mu F$ [KRM55] More than 10M $\Omega \cdot \mu F$ | Pretreatment Perform a heat treatment at 150+0/-10°C for 60±5 min. and then let sit for 24±2 hrs. at room condition. (*1) | | | |
| | | Dielectric Strength | In accordance with item No.4 | | | | |
| | | Appearance | No marking defects | | | | |
| | | Capacitance Change | Within ±15% | | | | |
| | | D.F. | [KRM31] W.V.: 25V : 0.2 max. W.V.: 50V/100V : 0.05 max. [KRM55] | Apply voltage as in the Table for 1000+48/-0 hrs. at maximum operating temperature ±3°C. Remove and let sit for 24±2 hrs. at room condition, (*1) then measure. Rated Voltage | | | |
| | | | 0.05 max. | DC63V, DC100V 150% of the rated voltage | | | |
| 17 | _ | [KRM31] W.V.: 25V : More than 25M I.R. W.V.: 50V/100V : More than 50M [KRM55] | [KRM31] W.V.: 25V : More than $25M\Omega \cdot \mu F$ W.V.: $50V/100V$: More than $50M\Omega \cdot \mu F$ | The charge/discharge current is than 50mA. •Pretreatment Perform a heat treatment at 150+0/-10°C for 60±5 min. and then let sit for 24±2 hrs. at room condition. (*1) (*2) KRM31KC81E106, KRM31FR61E106, KRM31KR71H225, KRM31KR71H475, KRM31KR72A105 : 150% of the rated voltage | | | |
| | | Dielectric Strength | In accordance with item No.4 | | | | |

(*1) "Room condition" Temperature: 15 to 35°C, Relative humidity: 45 to 75%, Atmospheric pressure: 86 to 106kPa



Metal Terminal Monolithic Ceramic Capacitors

Large Capacitance and High Allowable Ripple Current KR3 Series



Deflecting crack



Features

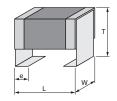
- 1. The product has high reliability against heat and mechanical impact.
- 2. Stacking two capacitors reduces the mounting space and achieves a large capacitance.
- 3. The unique terminal structure greatly reduces noise from the ceramics on the board.
- 4. This series can provide higher capacitance value under DC-Bias condition, compare with previous X7R char.
- 5. Improve the performance of ripple-resistance compared with X7R char.



- 1. DC smoothing & EMI filiter for LED Lighting.
- 2. For PFC circuit in the swiching power supplies, AC adaptor.
- 3. DC-DC converter for general electronic equipment.

Do not use these products in any Automotive Power train or Safety equipment incliding Battery chargers for Electric Vehicles and Plug-in Hybrids. Only Murata products clearly stipulated as "for Automotive use" can be used for automobile appliations such as Power train and Safety equipment.





| Part Number | Dimensions (mm) | | | | | | |
|---------------|-----------------|---------|---------|---------|--|--|--|
| rait Nullibel | L | W | Т | е | | | |
| KR355L | 6.1±0.4 | | 2.8±0.2 | | | | |
| KR355Q | | F 0.00 | 3.7±0.2 | 1.2±0.2 | | | |
| KR355T | | 5.3±0.2 | 4.8±0.2 | 1.2±0.2 | | | |
| KR355W | | | 6.4±0.3 | | | | |

| Part Number | Rated Voltage | TC Code (Standard) | Capacitance | Length L (mm) | Width W (mm) | Thickness T max. (mm) | Metal Terminal Width e (mm) |
|--------------------|---------------|-----------------------|-------------|------------------|-----------------|-----------------------------|--------------------------------|
| KR355LD72E474KH01K | 250Vdc | X7T (EIA) | 0.47µF±10% | 6.1 | 5.3 | 3 | 1.2±0.2mm |
| KR355QD72E105KH01K | 250Vdc | X7T (EIA) | 1.0µF±10% | 6.1 | 5.3 | 3.9 | 1.2±0.2mm |
| KR355WD72E225MH01K | 250Vdc | X7T (EIA) | 2.2µF±20% | 6.1 | 5.3 | 6.7 | 1.2±0.2mm |
| KR355LD72W224KH01K | 450Vdc | X7T (EIA) | 0.22µF±10% | 6.1 | 5.3 | 3 | 1.2±0.2mm |
| KR355LD72W474KH01K | 450Vdc | X7T (EIA) | 0.47µF±10% | 6.1 | 5.3 | 3 | 1.2±0.2mm |
| KR355QD72W564KH01K | 450Vdc | X7T (EIA) | 0.56µF±10% | 6.1 | 5.3 | 3.9 | 1.2±0.2mm |
| KR355TD72W105MH01K | 450Vdc | X7T (EIA) | 1.0µF±20% | 6.1 | 5.3 | 5 | 1.2±0.2mm |
| KR355WD72W125MH01K | 450Vdc | X7T (EIA) | 1.2µF±20% | 6.1 | 5.3 | 6.7 | 1.2±0.2mm |
| KR355LD72J104KH01K | 630Vdc | X7T (EIA) | 0.1µF±10% | 6.1 | 5.3 | 3 | 1.2±0.2mm |
| KR355LD72J154KH01K | 630Vdc | X7T (EIA) | 0.15µF±10% | 6.1 | 5.3 | 3 | 1.2±0.2mm |
| KR355QD72J224KH01K | 630Vdc | X7T (EIA) | 0.22µF±10% | 6.1 | 5.3 | 3.9 | 1.2±0.2mm |
| KR355QD72J274KH01K | 630Vdc | X7T (EIA) | 0.27µF±10% | 6.1 | 5.3 | 3.9 | 1.2±0.2mm |
| KR355WD72J474MH01K | 630Vdc | X7T (EIA) | 0.47µF±20% | 6.1 | 5.3 | 6.7 | 1.2±0.2mm |
| KR355WD72J564MH01K | 630Vdc | X7T (EIA) | 0.56µF±20% | 6.1 | 5.3 | 6.7 | 1.2±0.2mm |

KR3 Series Specifications and Test Methods

| No. | Ite | em | Specifications | Test Method | | | |
|-----|--------------------------|-------------|---|--|--|---|--|
| 1 | Operating Temperatu | ıre Range | -55 to +125°C | Reference temperature: 25°C | | | |
| 2 | Appearar | ice | No defects or adnormalities | Visual inspection | | | |
| 3 | Dimensio | ns | Within the specified dimensions | Using calipers and micrometers | | | |
| 4 | Dielectric Strength | | No defects or abnormalities | No failure should be observed when voltage in the table is applied between the terminations for 1 to 5 sec., provided the charge/discharge current is less than 50mA. Rated Voltage Test Voltage | | | |
| 5 | Insulation F | Resistance | More than 10,000M Ω or 100 Ω · μ F (Whichever is Smaller) | The inslation resisitance should be measured with DC500V±50V (DC250V±25V in case of rated Voltage: DC250V, DC450V) and within 60±5 sec. of charging. | | | |
| 6 | Capacita | nce | Within the specified tolerance | The constitute of D. F. about the management of the surrous of | | | |
| 7 | Dissipation Factor (D | | 0.01 max. | The capacitance/D.F. should be measured at a frequency of 1±0.2kHz and a voltage of AC1±0.2V (r.m.s.). | | | |
| 8 | Capacitance | | Cap. Change Within +22/-33% (Temp. Range: -55 to +125°C) | The capacitance measurement should be made at each step specified in the table. Step Temperature (°C) 1 25±2 2 Min. Operating Temp. ±3 3 25±2 4 Max. Operating Temp. ±2 5 25±2 • Pretreatment Perform a heat treatment at 150+0/-10°C for 60±5 min. and then let sit for 24±2 hrs. at room condition.* | | | |
| 9 | Adhesive Strength | | Termination not to be broken or loosened | A static load of 10N using a pressure rod should be applied to the center in the direction of the arrow and held for 10 sec. Pressure Pressure Rod On the arrow and held for 10 sec. | | | |
| 10 | | | IND removal of the ferminations or a | | No removal of the terminations or other defect should occur. | Solder the capacitor to the testing jig (glass epoxy board) shown in Fig. 1. Then apply 10N force in the direction of the arrow. The soldering should be done using the reflow method and should be conducted with care so that the soldering is uniform and free defects such as heat shock. Image: 10N, 10±1s Glass Epoxy Board Fig. 1 | |
| | | Appearance | No defects or abnormalities | Solder the capacitor to the test jig (glass epoxy board). | | | |
| | | Capacitance | Within the specified tolerance | The capacitor should be subjected to a simple harmonic motion | | | |
| 11 | Vibration Resistance | D.F. | In accordance with item No.7 | having a total amplitude of 1.5mm, the frequency being varied uniformly between the approximate limits of 10 and 55Hz. The frequency range, from 10 to 55Hz and return to 10Hz, should be traversed in approximately 1 min. This motion should be applied for a period of 2 hrs. in each of 3 mutually perpendicular directions (total of 6 hrs.). | | | |

^{* &}quot;Room condition" Temperature: 15 to 35°C, Relative humidity: 45 to 75%, Atmospheric pressure: 86 to 106kPa





KR3 Series Specifications and Test Methods

Continued from the preceding page.

| No. | Ite | em | Sp | ecifications | S | | | Test Method | | |
|-----|------------------------|------------------------|---|--------------|---|--|---|--|------------------------|--|
| 12 | Deflection | No marking defects | | | Solder the capacitor to the testing jig (glass epoxy board) sho in Fig. 2. Then apply a force in the direction shown in Fig. 3. The soldering should be done using the reflow method and should be conducted with care so that the soldering is uniform and free of defects such as heat shock. 20 50 Speed: 1.0mm/s Pressurize Capacitance meter 45 (in mm) Fig. 3 | | | | | |
| 13 | Solderabi Terminati | • | y of The metal surface is soldered well | | | The area of set Let sit for 24± •Pretreatment Perform the | ring: Peak 260+0/-5°C coldering 230°C min., 20 to 40 2 hrs. at room condition*, the nt heat treatment at 150+0/-10° or 24±2 hrs. at room condition 20 to 40 s 180°C 150°C 60 to 120 s | en measure. C for 60±5 min. and n.* 260+0/-5°C | | |
| | | Appearance | No marking defects | | | | | | | |
| | Resistance | Capacitance Change | Within ±10% | | | In case of Reflow Soldering See item 13 Solderability of Termination In case of Soldering Iron | | | | |
| 14 | to Soldering | D.F. | In accordance with item No.7 In accordance with item No.5 | | | | Temp. of solder: 350±10°C | | | |
| | Heat | I.R. | | | | | | Solder time: 4+1/-0 sec. Let sit for 24±2 hrs.at room condition,* then measure. | | |
| | Dielectric Strength | | In accordance with item No.4 | | | Please refer to "Caution (Soldering and Mounting) Correction with a Soldering Iron". | | | | |
| | | Appearance | No marking defects | | | | Fix the capacitor to the supporting jig (glass epoxy board) show | | | |
| | | Capacitance Change | Within ±7.5% | 6 | | | in Fig. 4. Perform the 1 in the following | 00 cycles according to the 4 h | neat treatments listed | |
| | | D.F. | In accordance with item No | .7 | | | | 2 hrs. at room condition*, ther | | |
| | | I.R. | In accordance with item No | .5 | | | Step 1 | Temperature (°C) Min. Operating Temp. ±3 | Time (min.) 30±3 | |
| | | | | | | | 2 | Room Temp. | 2 to 3 | |
| | _ | | | | | | 3 4 | Min. Operating Temp. ±2 Room Temp. | 30±3 2 to 3 | |
| 15 | | Dielectric Strength | In accordance with item No.4 | | Pretreatment Perform a heat treatment at 150+0/-10°C for 60±5 min. and then let sit for 24±2 hrs. at room condition.* Solder Glass Epoxy Board | | | | | |

^{* &}quot;Room condition" Temperature: 15 to 35°C, Relative humidity: 45 to 75%, Atmospheric pressure: 86 to 106kPa





KR3 Series Specifications and Test Methods

Continued from the preceding page.

| No | . Ite | em Specifications | | Test Method | | | | | | | |
|----|----------|--|--|---|---|--|--|--|--|--|--|
| | | Appearance | No marking defects | | | | | | | | |
| | Humidity | Capacitance Change | Within ±12.5% | Let the capacitor sit at 40±; for 500+24/-0 hrs. Remove and let sit for 24±; | ±2°C and relative humidity of 90 to 95% | | | | | | |
| 16 | (Steady | D.F. | 0.02 max. | measure. | | | | | | | |
| | State) | I.R. | More than 1,000M Ω or 10M Ω · μF (Whichever is smaller) | Pretreatment Perform a heat treatment | at 150+0/-10°C for 60±5 min. and | | | | | | |
| | | Dielectric Strength | In accordance with item No.4 | then let sit for 24±2 hrs. a | | | | | | | |
| | | Appearance | No marking defects | Apply voltage as in the Table for 1000+48/-0 hrs. at maximum operating temperature ±3°C. Remove and let sit for 24±2 hrs. at room condition,* then measure. | | | | | | | |
| | | Capacitance Change | Within ±12.5% | | | | | | | | |
| | | D.F. | 0.02 max. | Rated Voltage | Applied Voltage | | | | | | |
| 17 | Life | I.R. | More than 1,000M Ω or 10M Ω · μ F (Whichever is smaller) | DC250V DC450V | 150% of the rated voltage 130% of the rated voltage | | | | | | |
| | | | | DC630V | 120% of the rated voltage | | | | | | |
| | | Dielectric Strength In accordance with item No.4 | | The charge/discharge current is than 50mA. •Pretreatment Apply test voltage for 60±5min. at test temperature. Remove and let sit for 24±2 hrs, at room condition.* | | | | | | | |

 $^{^{\}star}$ "Room condition" Temperature: 15 to 35°C, Relative humidity: 45 to 75%, Atmospheric pressure: 86 to 106kPa



Package

Taping is standard packaging method.

■ Minimum Quantity Guide

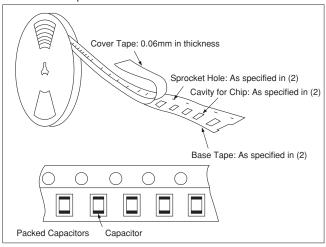
| Part Number | | Quantity (pcs.) | | |
|-------------|-----|-----------------|-----|-------------|
| Part Number | L | W | Т | ø330mm Reel |
| K□□31K | 3.5 | 1.7 | 2.7 | 4,000 |
| K□□31F | 3.5 | 1.7 | 1.9 | 5,000 |
| K□□55L | 6.1 | 5.3 | 2.8 | 2,000 |
| K□□55Q | 6.1 | 5.3 | 3.7 | 1,000 |
| K□□55T | 6.1 | 5.3 | 4.8 | 1,000 |
| K□□55W | 6.1 | 5.3 | 6.4 | 500 |

ø180mm reel is also available.

■ Tape Carrier Packaging

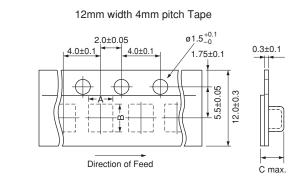
(1) Appearance of Taping

Embossed Tape



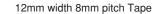
(2) Dimensions of Tape

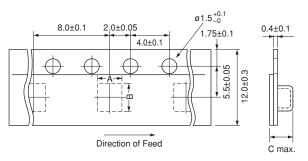
Embossed Tape



| Part Number | A* | B* | С |
|-------------|-----|-----|-----|
| K□□31K | 2.2 | 4.1 | 4.1 |
| K□□31F | 2.2 | 4.1 | 2.8 |

*Nominal Value

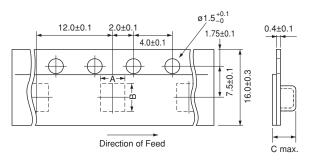




| Part Number | A* | B* | С |
|-------------|-----|-----|-----|
| K□□55L | 5.5 | 6.4 | 4.1 |
| K□□55Q | 5.5 | 6.4 | 5.8 |
| K□□55T | 5.5 | 6.4 | 5.8 |

*Nominal Value

16mm width 12mm pitch Tape



| Part Number | A* | B* | С |
|-------------|-----|-----|-----|
| K□□55W | 5.7 | 6.7 | 7.4 |

*Nominal Value

(in mm)



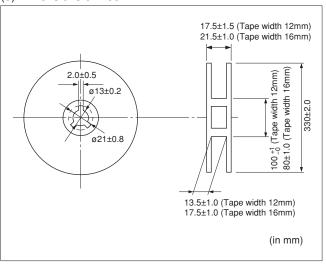


Package

For General Purpose KRM/KR3 Series

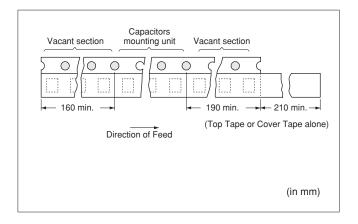
Continued from the preceding page.

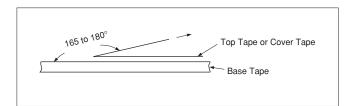
(3) Dimensions of Reel



(4) Taping Method

- Tapes for capacitors are wound clockwise. The sprocket holes are to the right as the tape is pulled toward the user.
- ② Part of the leader and part of the empty tape should be attached to the end of the tape as shown at right.
- ③ The top tape or cover tape and base tape are not attached at the end of the tape for a minimum of 5 pitches.
- Missing capacitors number within 0.1% of the number per reel or 1 pc, whichever is greater, and are not continuous.
- (5) The top tape or cover tape and bottom tape should not protrude beyond the edges of the tape and should not cover sprocket holes.
- ⑥ Cumulative tolerance of sprocket holes, 10 pitches: ±0.3mm.
- Peeling off force: 0.1 to 0.6N in the direction shown at right.







⚠ Caution/Notice

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⚠Caution

■ Storage and Operation Conditions

Do not use or store capacitors in a corrosive atmosphere, especially where chloride gas, sulfide gas, acid, alkali, salt or the like are present. In addition, avoid exposure to moisture. Before cleaning, bonding or molding this product, verify that these processes do not affect product quality by testing the

performance of a cleaned, bonded or molded product in the intended equipment. Store the capacitors where the temperature and relative humidity do not exceed 5 to 40 degrees centigrade and 20 to 70%. Use capacitors within 6 months of delivery. Check the solderability after 6 months or more.

Rating

1. Operating Voltage

When DC-rated capacitors are to be used in AC or ripple current circuits, be sure to maintain the Vp-p value of the applied voltage or the Vo-p which contains DC bias within the rated voltage range.

When the voltage is applied to the circuit, starting or stopping may generate irregular voltage for a transit period because of resonance or switching. Be sure to use a capacitor with a rated voltage range that includes these irregular voltages.

When DC-rated capacitors are to be used in input circuits from a commercial power source (AC filter), be sure to use Safety Certified Capacitors because various regulations for withstanding voltage or impulses, established for all equipment, should be taken into consideration.

| Voltage | DC Voltage | DC+AC Voltage | AC Voltage | Pulse Voltage (1) | Pulse Voltage (2) |
|---------------------------|------------|---------------|------------|-------------------|-------------------|
| Positional Measurement | Vo-p | Vo-p | Vp-p | Vp-p | Vp-p |

2. Operating Temperature and Self-generated Heat

Keep the surface temperature of a capacitor below the upper limit of its rated operating temperature range. Be sure to take into account the heat generated by the capacitor itself. When the capacitor is used in a highfrequency voltage, pulse voltage, it may self-generate heat due to dielectric loss.

Applied voltage should be the load such as selfgenerated heat is within 20°C on the condition of atmosphere temperature 25°C. When measuring, use a thermocouple of small thermal capacity -K of ø0.1mm in conditions where the capacitor is not affected by radiant heat from other components or surrounding ambient fluctuations. Excessive heat may lead to deterioration of the capacitor's characteristics and reliability. (Never attempt to perform measurement with the cooling fan running. Otherwise, accurate measurement cannot be ensured.)

3. Fail-safe

Failure of a capacitor may result in a short circuit. Be sure to provide an appropriate fail-safe function such as a fuse on your product to help eliminate possible electric shock, fire, or fumes.

Continued on the following page. $|\nearrow|$





Continued from the preceding page.

Soldering and Mounting

1. Vibration and Impact

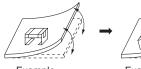
Do not expose a capacitor to excessive shock or vibration during use.

Do not directly touch the capacitor, especially the ceramic body. Residue from hands/fingers may create a short circuit environment.

2. Land Layout for Cropping PC Board

Choose a mounting position that minimizes the stress imposed on the chip during flexing or bending of the board.

[Component Direction]



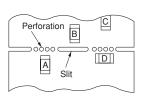
<Example to be avoided>



<Example of improvement>

Locate chip horizontal to the direction in which stress acts.

[Chip Mounting Close to Board Separation Point]



Chip arrangement Worst A>C>B~D Best

3. Reflow Soldering

- When components are exposed to sudden heat, their mechanical strength can be decreased due to the extreme temperature changes which can cause flexing and result in internal mechanical damage, which will cause the parts to fail. In order to prevent mechanical damage, preheating is required for both the components and the PCB board. Preheating conditions are shown in Table 1. It is required to keep the temperature differential between the soldering and the components surface (ΔT) as small as possible.
- When components are immersed in solvent after mounting, be sure to maintain the temperature difference (ΔT) between the component and solvent within the range shown in the Table 1.

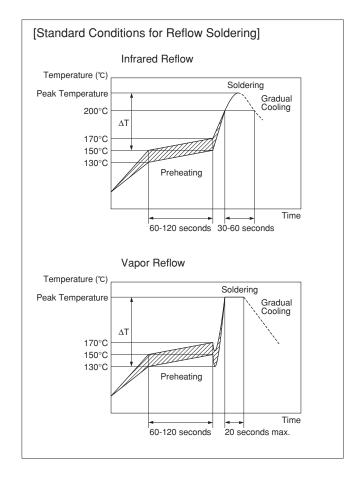
Table 1

| Part Number | Temperature Differential | |
|-------------|--------------------------|--|
| K□□31 | ΔΤ≦190℃ | |
| K□□55 | ΔΤ≦130℃ | |

Recommended Conditions

| | Pb-Sn S | Solder | Lead Free Solder | |
|------------------|-----------------|--------------|------------------|--|
| | Infrared Reflow | Vapor Reflow | | |
| Peak Temperature | 230-250°C | 230-240°C | 240-260°C | |
| Atmosphere | Air | Air | Air or N2 | |

Pb-Sn Solder: Sn-37Pb Lead Free Solder: Sn-3.0Ag-0.5Cu







⚠Caution

Continued from the preceding page.

Optimum Solder Amount for Reflow Soldering

- If solder paste is excessive, solder between a chip and a metal terminal melts. This causes the chip to move and
- If solder paste is too little, it causes a lack of adhesive strength on the metal terminal and the capacitor comes
- Please make sure that solder is smoothly applied higher than 0.3mm and lower than the level of the bottom of the chip.

Inverting the PCB

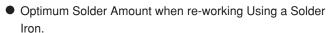
Make sure not to impose an abnormal mechanical shock on the PCB.

4. Flow Soldering

Do not apply flow soldering.

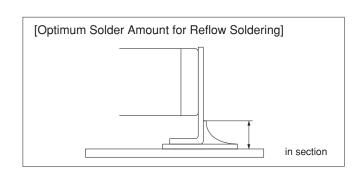
5. Correction with a Soldering Iron

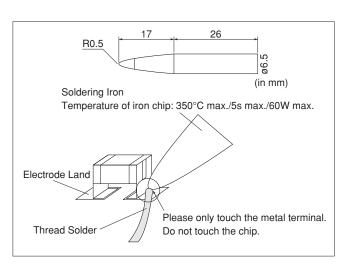
- Please refer to the figure of a soldering iron on the right.
- Please use thread solder which is smaller than 0.5mm in diameter.
- A soldering iron must be touched the bottom of metal
 - *1) Do not touch ceramic, or it causes cracks because of sudden heat.
 - *2) Do not touch the connection between a chip and a metal and the outside of that area, or it causes the chip to move and come off.

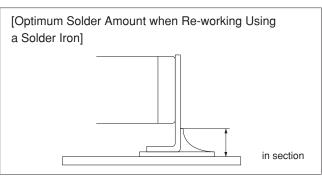


The top of the solder fillet should be lower than the level of the bottom of the chip.

FAILURE TO FOLLOW THE ABOVE CAUTIONS MAY RESULT, WORST CASE, IN A SHORT CIRCUIT AND CAUSE FUMING OR PARTIAL DISPERSION WHEN THE PRODUCT IS USED.









Notice

Rating

1. Capacitance Change of Capacitor

Capacitors have an aging characteristic, whereby the capacitor continually decreases its capacitance slightly if the capacitor is left on for a long time. Moreover, capacitance might change greatly depending on the surrounding temperature or an applied voltage. Therefore, it is not likely to be suitable for use in a time constant circuit.

Please contact us if you need detailed information.

2. Performance Check by Equipment

Before using a capacitor, check that there is no problem in the equipment's performance and the specifications.

■ Soldering and Mounting

1. Construction of Board Pattern

If solder is excessively applied to the circuit board, mechanical stress will cause destruction resistance characteristics to lower. To prevent this, be extremely careful in determining shape and dimension before designing the circuit board diagram.

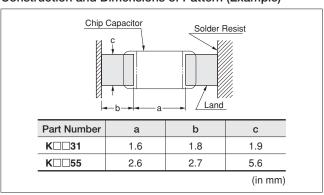
Generally speaking, CLASS 2 ceramic capacitors have voltage dependence characteristics and temperature dependence characteristics in capacitance.

Therefore, the capacitance value may change depending on the operating condition in the equipment.

Accordingly, be sure to confirm the apparatus performance of receiving influence in a capacitance value change of a capacitor, such as leakage current and noise suppression characteristics.

Moreover, check the surge-proof ability of a capacitor in the equipment, if needed, because the surge voltage may exceed the specific value by the inductance of the circuit.

Construction and Dimensions of Pattern (Example)



2. Mounting of Chips

Mechanical shock of the chip placer

When the positioning claws and pick-up nozzle are worn, the load is applied to the chip while positioning is concentrated in one position, thus causing cracks, breakage, faulty positioning accuracy, etc.

Careful checking and maintenance are necessary to prevent unexpected trouble.

An excessively low bottom dead point of the suction nozzle imposes great force on the chip during mounting, causing cracked chips and the metal to bend. Please set the suction nozzle's bottom dead point on the upper surface of the board.

4. Cleaning

Please confirm there is no problem in the reliability of the product beforehand when cleaning it with the intended equipment.

The residue after cleaning it might cause a decrease in the surface resistance of the chip and the corrosion of the electrode part, etc. As a result it might cause reliability to deteriorate. Please confirm beforehand that there is no problem with the intended equipment in ultrasonic cleansing.

3. Soldering

Flux Application

- Do not use strong acidic flux.
- Do not use water-soluble flux.*
 (*Water-soluble flux can be defined as non rosin type flux including wash-type flux and non-wash-type flux.)

5. Resin Coating

Please use it after confirming there is no influence on the product with the intended equipment before the resin coating and molding.

A cracked chip might be caused at the cooling/heating cycle by the amount of resin spreading and/or bias thickness.

The resin for coating and molding must be selected as the stress is small when stiffening and the hygroscopic is low as possible.



ISO 9001 Certifications

■ Qualified Standards

The products listed here have been produced by ISO 9001 certified factory.

| Plant |
|--|
| Fukui Murata Mfg. Co., Ltd. |
| Izumo Murata Mfg. Co., Ltd. |
| Okayama Murata Mfg. Co., Ltd. |
| Murata Electronics Singapore (Pte.) Ltd. |
| Beijing Murata Electronics Co., Ltd. |
| Wuxi Murata Electronics Co., Ltd. |
| Beijing Murata Electronics Co., Ltd. |



Design assistant tool SimSurfing SimSurfing

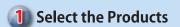


MLCC is now available!

Design assistant tool "SimSurfing" has been updated and you can now find and view any kind of characteristics of MLCCs.

Available function for MLCCs.

- 1) Products search
- ② View frequency characteristics (S parameters, Z, R, X, Q, DF, L, C) DC bias can be applied to available part number.
- ③ DC voltage bias characteristics (Absolute capacitance/change rate)
- 4 Temperature characteristics (Absolute capacitance/change rate)
- (5) AC voltage bias characteristics (Absolute capacitance/change rate)
- ⑥ Download SPICE netlist/ S parameter



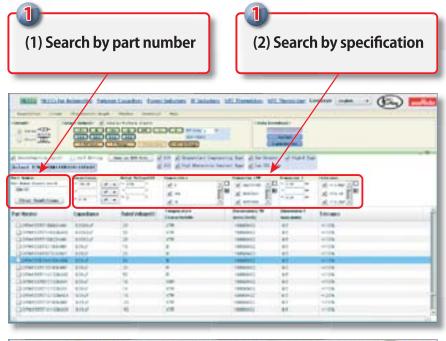
- (1) By part number
- (2) By specification

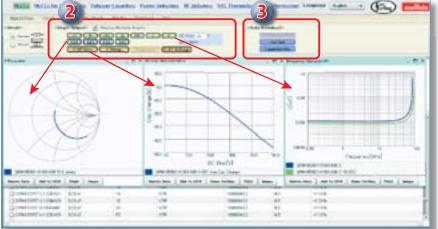
2 View characteristics

Clicking buttons in this area with partnumber selected, you can view any electrical characteristics chart.

3 Data download

You can download SPICE netlist and S parameter files (S2P)





These images are captured at September/2012. Be sure that this software will be updated frequently.



Please check Murata's newsletter! You can learn about electric parts with fun. http://www.murata.com/products/emicon_fun/

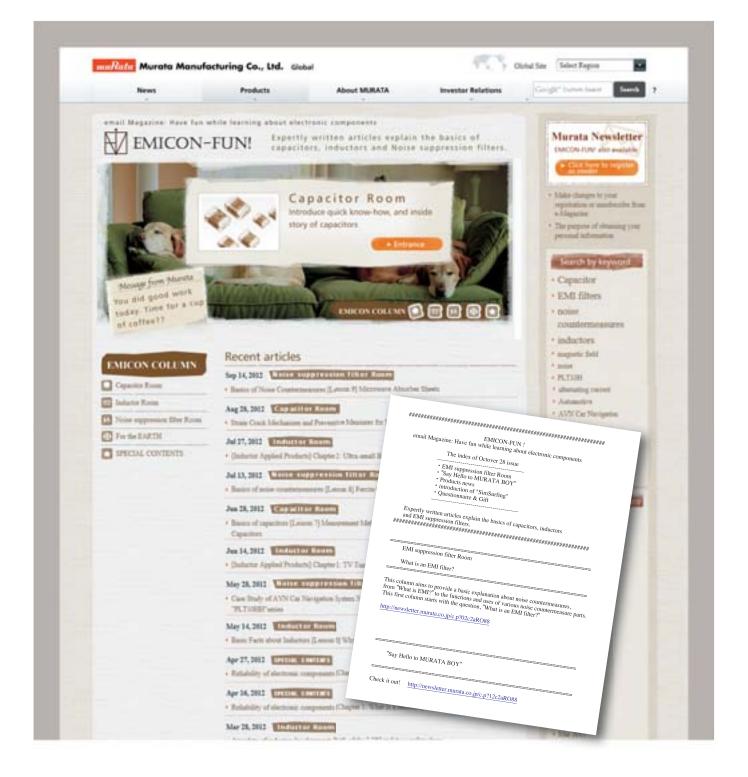
EMICON-FUN! disseminated widely from basics (principles, characteristics, mounting, etc.) of capacitors, inductors and EMI suppression filters to information can practically be used.

Updated information is also distributed via the mail magazine.

You can register from the Products page on Murata Manufacturing Web site.



http://www.murata.com/products/





Capacitor WEB Site Introduction

The WEB site and search engine of ceramic capacitors has been drastically renewed.

capacitor murata

http://www.murata.com/products/capacitor/

Convenient Search

The type of searches has been increased to respond to various ways of searching.

The products you are searching for can easily be found from about 40,000 part numbers!

The frequency of revisions and discontinuance has been increased to provide the latest information at all times!

Substantial Technical Information

- ·Reference drawings (Specifications and Test Methods) can be downloaded in PDF format.
- Graphs of the electrical characteristic data (Capacitance Temperature characteristics / DC bias characteristics / AC voltage characteristics / Frequency characteristics) can be displayed.
- ·Reliability test data can be downloaded.

