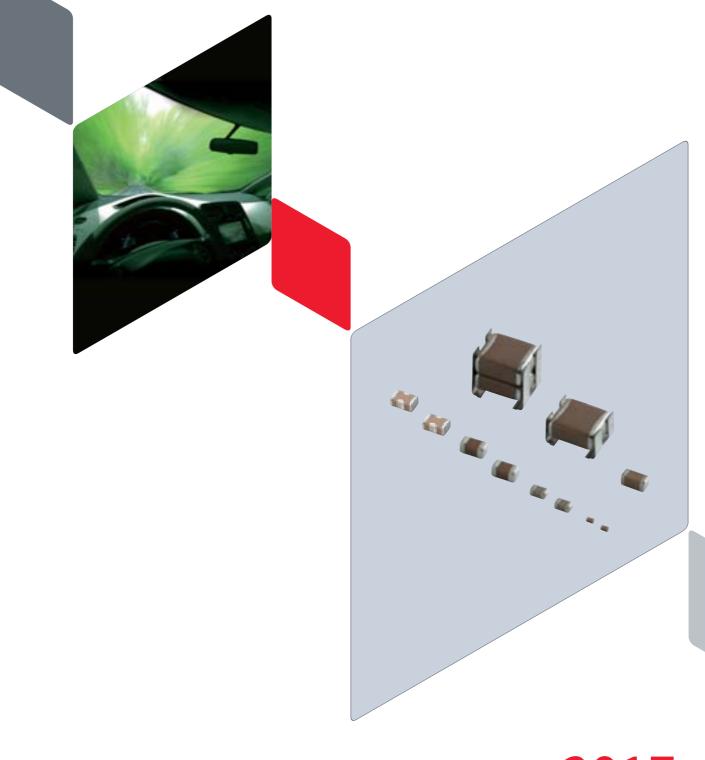


Chip Multilayer Ceramic Capacitors for Automotive





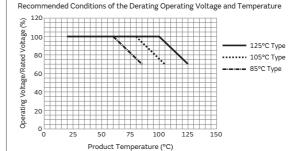
Explanation of Symbols in This Catalog

Links are provided to the latest information from the PDF version of the catalog, which is available on the web.

General	For applications that do not require the particular reliability such as the general equipment	
Info- tainment	Infotainment for Automotive The product for entertainment equipment like car navigations, car audios, and body control equipment like wipers, power windows.	
Power- train	Powertrain/Safety for Automotive Product used for applications (running, turning, stopping and safety devices) which particularly concern human life, such as in devices for automobiles.	D1
Medical Device	Medical-grade products for Implanted Medical Devices These products are intended for use in implanted medical devices such as cardiac pacemakers, cochlear implants, insulin pumps and gastric electrostimulators. They are suitable for use in non-critical circuits. *1 *1 Non-critical circuits This term refers to circuits in implanted medical devices that are not directly linked to life support, i.e. circuits that will not directly endanger the life of the patient should the functionality of the device be reduced or halted by failure of the circuit.	Derati
AEC- Q200	AEC-Q200 compliant product	
Safety standard	Safety Standard Certified Product Products that acquired safety standard certification IEC60384-14 and products based on the Electrical Appliance and Material Safety Law of Japan.	
High Q	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.	D2 Derati
Low ESL	Low inductance This capacitor is designed so that the parasitic inductance component (ESL) that the capacitor has on the high frequency side becomes lower.	2
Fail safe	Fail safe product This capacitor is designed to prevent failures as much as possible by short mode.	
Deflecting crack	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.	
Soldering crack	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.	Derati 3
Anti- noise	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.	D4
Effective Cap	No DC bias characteristics Polymer capacitor is no capacitance change with DC bias due to aluminum oxidized film for dielectric.	Derati 4
EMI FIL®	Low-inductance product suitable for noise suppression. This product has extremely low ESL and is suitable for suppression of noise, including high frequencies. This product can also be used as a low-ESL, high-performance bypass capacitor.	
Limited to conductive glue mounting	Limited to Conductive Glue Mounting Since silver palladium is used for the external electrodes,the	D5

WEB

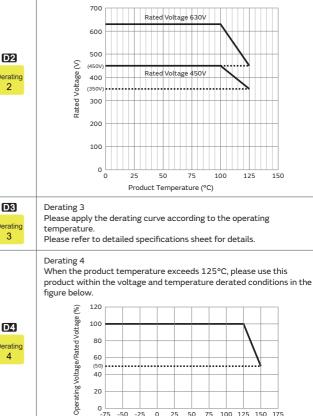
This product is suitable when a voltage continuously applied to a capacitor in an operating circuit, is used below (derated) the rated voltage of the capacitor. This model guarantees the test conditions in the endurance test, at a rated voltage x 100% at the maximum operating temperature. A reliability 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.



Derating 2

Derating 1

When the product temperature exceeds 105°C, please use this product within the voltage and temperature derated conditions in the figure below.



50

Please apply the rated voltage derating over 150°C. Please refer to

75 100 125 150 175

(50) 40 20 0 └─ -75

Derating 5

-50 -25 0 25 Product Temperature (°C)

detailed specifications sheet for details.

muRata

 ANote
 • Please read rating and
 ACAUTION (for storage, operating, rating, soldering, mounting and handling) in this catalog to prevent smoking and/or burning, etc.
 • This catalog has only typical specifications. Therefore, please approve our product specifications or transact the approval sheet for product specifications before ordering.

Selection Guide for Capacitors

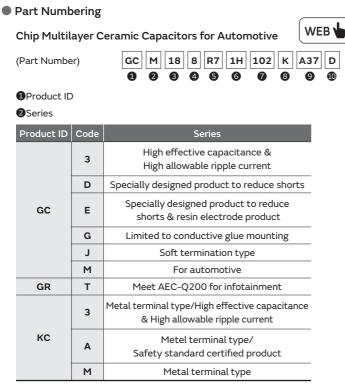
Info	Infotainment for automotive					
Info- tainment	nt SMD					
AEC- Q200			ler mounting			
			Chip type			
			GRT GRT	P23		

SMD						
Sc	lder n	nounting				
	Chi	p type				
		GCM	1			P
		GC3	Anti- noise		High effective capacitance & high ripple current	P
		GCJ	Fail Deflecti safe crack	9	Soft termination	P
		GGM	Water Repellent			W
		GCQ	High Q			W
		GCD	Fail Deflecti safe crack	9	MLSC design	P
		GCE @	Fail Deflecti safe crack	9	Soft termination MLSC design	P
		GGD	Fail Deflecti safe crack	g Water Repellent	MLSC design	W
		NFM	Low ESL		3 terminals	Р
	Met	tal terminal	type			
		🦏 ксм	Anti- noise crack	soldering crack		F
		👘 ксз	Anti- noise crack	soldering crack	High effective capacitance & high ripple current	F
		👘 кса	Safety standard nois	- Deflecting crack	Soldering crack	F
		to Conducti	ve Glue N	1ount	ing	
Limite condu glu moun	Chi	p type				
		🜒 GCB	Deflecting Solderi crack crack	9	Ni plating + Pd plating termination conductive glue mounting	w
		GCG 🧼	Deflecting Solderi crack crack	9	AgPd termination conductive glue mounting	P
Lead ty	/pe					
Sc	lder n	nounting				_
		RCE	Anti- noise	Soldering crack		W
			Anti- noise crack	+	150°C operation leaded	W
		RHS	Anti- noise Crack	soldering crack	200°C operation leaded	W
		🔵 DE6	Safety standard			w

Med	Medical-grade products for implanted medical devices					
Medical Device	SME	SMD				
		Sold	ler mounting			
			Chip type			
			ССН	WEB 🖢		

or g	gene	ral						
	SME							
		Sold	ler m	ountir	ng			
			Chip	type	-			
					GRM			WEB 🖕
					GRM		For LCD backlight inverter circuit only	WEB 🖕
					GR3	Anti- noise	High effective capacitance &	WEB 👆
					GRJ	Deflecting crack	high ripple current Soft termination	WEB 🖕
					GXM	Water Repellent		WEB 🖕
					GR4		For information devices only	WEB
					GR7		For camera flash circuit only	WEB
					GJM	High		WEB
					GQM	High	High power	WEB
					GA2		Based on the Electrical Appliance	WEB
					GA3	Safety standard	and Material Safety Law of Japan	WEB
					LLL	Low ESL	LW reversed	WEB
					LLA	Low	8 terminals	WEB
					LLM		10 terminals	WEB
					LLR	Low	LW reversed controlled ESR	WEB
					NFM	Low	3 terminals	WEB
					GJ4	Anti- noise	Low distortion	WEB
					GJ8	Anti- noise	Low acoustic noise	WEB
			On i	nterpo				
						Anti- noise		WEB
					ZRB	Anti- noise		WEB
			Met	al tern				<u> </u>
				(2)	KRM			WEB
					KR3	Anti- noise Crack Soldering crack crack	High effective capacitance &	WEB
			Resi	n mole		MD type	high ripple current	
					DK1	Safety standard		WEB
		Wire	- bon	ding n	·			
				type		0		
		Bonding			GMA		Microchip	WEB 🖕
					GMD		· .	WEB
	Lea	d typ	e					
	200			ountir	וס			
					RDE	Anti- Deflecting Soldering crack crack		WEB 🖕
					DEH	Clack Clack	High temperature low loss	WEB
					DEA		High temperature Class 1	WEB
					DEB		Class 2	WEB
					DEC			WEB
					DEF		For LCD backlight inverter circuit	WEB
					DHR	Ultrahigh- voltage crack crack	only	WEB
					DEJ	Crack Crack	Based on the Electrical Appliance	WEB
					DEJ	Safety standard	and Material Safety Law of Japan X1/Y1 Class certified product	WEB
					DE1	standard Safety standard	X1/Y1 Class certified product	
	Scr	wte	rmin	ation r				
	Jure				DHS	Ultrahigh- voltage		WEB 🖕
				00	DHS	voltage Ultrahigh- voltage	High voltage AC rated	
				6		Voltage		





Chip Dimension (L x W)

Code	Dimension (L x W)	EIA
03	0.6 x 0.3mm	0201
15	1.0 x 0.5mm	0402
18	1.6 x 0.8mm	0603
21	2.0 x 1.25mm	0805
31	3.2 x 1.6mm	1206
32	3.2 x 2.5mm	1210
43	4.5 x 3.2mm	1812
55	5.7 x 5.0mm	2220

④Height Dimension (T) (Except KC□)

Code	Dimension (T)
3	0.3mm
5	0.5mm
6	0.6mm
8	0.8mm
9	0.85mm
А	1.0mm
В	1.25mm
с	1.6mm
D	2.0mm
E	2.5mm
М	1.15mm
Q	1.5mm
x	Depends on individual standards.

④Height Dimension (T) (KC□ Only)

Code	Dimension (T)
L	2.8mm
Q	3.7mm
т	4.8mm
W	6.4mm

⑤Temperature Characteristics

				Operating Temperature	Capacitance Change Each Temperature (%							
Code	Public		Reference	Temperature	Capacitance Change or Temperature	Range	-5	5°C	*4		-10°C	
Code	STD Co	de	Temperature	Range	Coefficient		Max.	Min.	Max.	Min.	Max.	Min.
5C	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
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	-0.11
7U	U2J	EIA	25°C	25 to 125°C *3	-750±120ppm/°C	–55 to 125°C	8.78	5.04	6.04	3.47	3.84	2.21
				–55 to –40°C	-4700+1000/-2500ppm/°C		-	-	-	-	-	-
9E	ZLM *2	*2	20°C	–40 to 20°C	-5350±750ppm/°C	–55 to 125°C	-	-	-	-	-	-
9E			20°C	20 to 85°C	-4700±500ppm/°C		-	-	-	-	-	-
					85 to 125°C	-4700+2000/-1000ppm/°C		-	-	-	-	-
C7	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	-	-	-	-	-	-
D7	Х7Т	EIA	25°C	–55 to 125°C	+22%, -33%	–55 to 125°C	-	-	-	-	-	-
L8	X8L	*2	25°C	–55 to 150°C	+15%, –40%	–55 to 150°C	-	-	-	-	-	-
M8	X8M	*2	25°C	–55 to 150°C	+15%, –50%	–55 to 150°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	-	-	-	-	-	-
R9	X8R	EIA	25°C	–55 to 150°C	±15%	–55 to 150°C	-	-	-	-	-	-

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

*2 Murata Temperature Characteristic Code.

*3 Rated Voltage 100Vdc max: 25 to 85°C

*4 –25°C (Reference Temperature 20°C) / –30°C (Reference Temperature 25°C)

Continued on the following page. earrow



(Part Number)

Continued from the preceding page. >

Co	de	
Standard Product	Voltage Derated Product	Rated Voltage
OE	-	DC2.5V
0G	-	DC4V
LO	EC	DC6.3V
1A	ED	DC10V
1C	EE	DC16V
1E	EF	DC25V
YA	EG	DC35V
1H	EH	DC50V
1J	-	DC63V
1K	-	DC80V
2A	EL	DC100V
2E	-	DC250V
2W	LP	DC450V
2J	LQ	DC630V
ЗA	-	DC1kV
MF -		X1/Y2: AC250V (Safety Standard Certified Type MF)

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.

If there is a decimal point, it is expressed by the capital letter "**R**." In this case, all figures are significant digits.

If any letter, other than $"{\bf R}"$ is included, this indicates the specific part number is a non-standard part.

Ex.)	Code	Capacitance
	R50	0.50pF
	1R0	1.0pF
	100	10pF
	103	10000pF

Please contact us if you find any part number not provided in this table.

Output Contract Co

Code	Capacitance Tolerance
С	±0.25pF
D	±0.5pF (Less than 10pF)
D	±0.5% (10pF and over)
J	±5%
к	±10%
М	±20%

Individual Specification Code Expressed by three figures.

Package

Code	Package			
L	ø180mm Embossed Taping			
D/W	ø180mm Paper Taping			
к	ø330mm Embossed Taping			
L	ø330mm Paper Taping			

3 Terminal Low ESL Multilayer Ceramic Capacitors				
(Part Number)	NF M 3D CC 102 R 1H 3 0 2 6 4 5 6 7 8			
1Product ID 2Series				

Product ID	Series
NFM	3 Terminal Low ESL Type

Oimensions (LxW)

Code	Dimensions (LxW)	EIA
21	2.0x1.25mm	0805
31	3.2x1.6mm	1206

4 Features

Code	Features		
нс	Powertrain/Safety for Automotive	For Signal Lines / For Large Current	
НК		For Very Large Current	

GCapacitance

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

6Characteristics

Code	Capacitance Temperature Characteristics
R	±15%, +15/-18%

Rated Voltage

Code	Rated Voltage			
1A	10V			
1C	16V			
1H	50V			
2A	100V			

8Electrode

Code	Electrode
3	Sn Plating

Packaging

Code	Packaging			
L	Embossed Taping (ø180mm Reel)			
D	Paper Taping (ø180mm Reel)			

Please contact us if you find any part number not provided in this table.

GCM Series

GC3 Series

GCJ Series

GCD Series

GCE Series

NMF Series

KCM Series

KC3 Series

KCA Series

Chip Multilayer Ceramic Capacitors for Automotive





Capacitor for automotive applications such as power train and safety equipment.

Features

(1) Ideal for powertrains and safety devices in automotive.

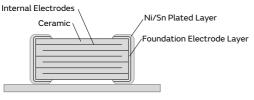
This product can be used for safety devices, such as the drive system control for engine ECU, air bags, and ABS. This product has cleared test conditions more severe than that of general products (GRM Series) even in temperature cycle and humidity load tests.

	General Purpose GRM Series Maximum operating temperature: 125°C	GCM Series for Automotive Maximum operating temperature: 150°C
Items	Test Method	Test Method
Temperature Cycle	Temperature Cycle: 5 cycles	Temperature Cycle: 100 cycles (1,000 cycles for AEC-Q200 conforming products)
Humidity Loading	Test temperature: 40±2°C Test humidity: 90 to 95%RH Test time: 500 hours	Test temperature: 85±2°C Test humidity: 80 to 85%RH Test time: 500 hours (1,000 hours for AEC-Q200 conforming products)

(2) Can be used at 125°C and 150°C temperatures.

We also offer a lineup for 150°C that can be used in the engine room.

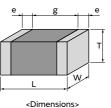
3 Sn plating is applied to the external electrodes; excellent solderability.



<Example of Structure>

Specifications

Size	0.6×0.3mm to 5.7×5.0mm	
Rated Voltage	4Vdc to 1000Vdc	
Capacitance	0.10pF to 47µF	
Main Applications	Safety equipment, such as drive system control, air bags, and ABS of engine ECU	



muRata

GCM Series Temperature Compensating Type 🚟 🐯 Part Number List

0

1.0×0.5mm

GRT Series

GCM Series

GC3 Series

GCJ Series

GCD Series

GCE Series

NMF Series

KCM Series

KC3 Series

KCA Series

GCG Series

①Caution/ Notice

1.0×0.5mm					
T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number
0.55mm	50Vdc	COG	1.0pF	±0.25pF	GCM1555C1H1R0CA16#
			2.0pF	±0.25pF	GCM1555C1H2R0CA16#
			3.0pF	±0.25pF	GCM1555C1H3R0CA16#
			4.0pF	±0.25pF	GCM1555C1H4R0CA16#
			5.0pF	±0.25pF	GCM1555C1H5R0CA16#
			6.0pF	±0.5pF	GCM1555C1H6R0DA16#
			7.0pF	±0.5pF	GCM1555C1H7R0DA16#
			8.0pF	±0.5pF	GCM1555C1H8R0DA16#
			9.0pF	±0.5pF	GCM1555C1H9R0DA16#
			10pF	±5%	GCM1555C1H100JA16#
			12pF	±5%	GCM1555C1H120JA16#
			15pF	±5%	GCM1555C1H150JA16#
			18pF	±5%	GCM1555C1H180JA16#
			22pF	±5%	GCM1555C1H220JA16#
			27pF	±5%	GCM1555C1H270JA16#
			33pF	±5%	GCM1555C1H330JA16#
			39pF	±5%	GCM1555C1H390JA16#
			47pF	±5%	GCM1555C1H470JA16#
			56pF	±5%	GCM1555C1H560JA16#
			68pF	±5%	GCM1555C1H680JA16#
			82pF	±5%	GCM1555C1H820JA16#
			100pF	±5%	GCM1555C1H101JA16#
			120pF	±5%	GCM1555C1H121JA16#
			150pF	±5%	GCM1555C1H151JA16#
			180pF	±5%	GCM1555C1H181JA16#
			220pF	±5%	GCM1555C1H221JA16#
			270pF	±5%	GCM1555C1H271JA16#
			330pF	±5%	GCM1555C1H331JA16#
			390pF	±5%	GCM1555C1H391JA16#
			470pF	±5%	GCM1555C1H471JA16#
			560pF	±5%	GCM1555C1H561JA16#
			680pF	±5%	GCM1555C1H681JA16#
			820pF	±5%	GCM1555C1H821JA16#
			1000pF	±5%	GCM1555C1H102JA16#
		X8G	1.0pF	±0.25pF	GCM1555G1H1R0CA16#
			2.0pF	±0.25pF	GCM1555G1H2R0CA16#
			3.0pF	±0.25pF	GCM1555G1H3R0CA16#
			4.0pF	±0.25pF	GCM1555G1H4R0CA16#
			5.0pF	±0.25pF	GCM1555G1H5R0CA16#
			12pF	±5%	GCM1555G1H120JA16#
			15pF	±5%	GCM1555G1H150JA16#
			18pF	±5%	GCM1555G1H180JA16#
			22pF	±5%	GCM1555G1H220JA16#
			27pF	±5%	GCM1555G1H270JA16#
			33pF	±5%	GCM1555G1H330JA16#
			39pF	±5%	GCM1555G1H390JA16#
			47pF	±5%	GCM1555G1H470JA16#
			56pF	±5%	GCM1555G1H560JA16#
			68pF	±5%	GCM1555G1H680JA16#
			82pF	±5%	GCM1555G1H820JA16#
			100pF	±5%	GCM1555G1H101JA16#
			120pF	±5%	GCM1555G1H121JA16#

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number	
).55mm	50Vdc	X8G	150pF	±5%	GCM1555G1H151JA16#	
			180pF	±5%	GCM1555G1H181JA16#	
			220pF	±5%	GCM1555G1H221JA16#	
			270pF	±5%	GCM1555G1H271JA16#	
			330pF	±5%	GCM1555G1H331JA16#	
			390pF	±5%	GCM1555G1H391JA16#	
			470pF	±5%	GCM1555G1H471JA16#	
			560pF	±5%	GCM1555G1H561JA16#	
			680pF	±5%	GCM1555G1H681JA16#	
			820pF	±5%	GCM1555G1H821JA16#	
			1000pF	±5%	GCM1555G1H102JA16#	

1.6×0.8mm

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number	
0.9mm	100Vdc	COG	1.0pF	±0.25pF	GCM1885C2A1R0CA16#	
			2.0pF	±0.25pF	GCM1885C2A2R0CA16#	
			3.0pF	±0.25pF	GCM1885C2A3R0CA16#	
			4.0pF	±0.25pF	GCM1885C2A4R0CA16#	
			5.0pF	±0.25pF	GCM1885C2A5R0CA16#	
			6.0pF	±0.5pF	GCM1885C2A6R0DA16#	
			7.0pF	±0.5pF	GCM1885C2A7R0DA16#	
			8.0pF	±0.5pF	GCM1885C2A8R0DA16#	
			9.0pF	±0.5pF	GCM1885C2A9R0DA16#	
			10pF	±5%	GCM1885C2A100JA16#	
			12pF	±5%	GCM1885C2A120JA16#	
			15pF	±5%	GCM1885C2A150JA16#	
			18pF	±5%	GCM1885C2A180JA16#	
			22pF	±5%	GCM1885C2A220JA16#	
			27pF	±5%	GCM1885C2A270JA16#	
			ЗЗрF	±5%	GCM1885C2A330JA16#	
			39pF	±5%	GCM1885C2A390JA16#	
			47pF	±5%	GCM1885C2A470JA16#	
			56pF	±5%	GCM1885C2A560JA16#	
			68pF	±5%	GCM1885C2A680JA16#	
			82pF	±5%	GCM1885C2A820JA16#	
			100pF	±5%	GCM1885C2A101JA16#	
			120pF	±5%	GCM1885C2A121JA16#	
			150pF	±5%	GCM1885C2A151JA16#	
			180pF	±5%	GCM1885C2A181JA16#	
			220pF	±5%	GCM1885C2A221JA16#	
			270pF	±5%	GCM1885C2A271JA16#	
			330pF	±5%	GCM1885C2A331JA16#	
			390pF	±5%	GCM1885C2A391JA16#	
			470pF	±5%	GCM1885C2A471JA16#	
			560pF	±5%	GCM1885C2A561JA16#	
			680pF	±5%	GCM1885C2A681JA16#	
			820pF	±5%	GCM1885C2A821JA16#	
			1000pF	±5%	GCM1885C2A102JA16#	
			1200pF	±5%	GCM1885C2A122JA16#	
			1500pF	±5%	GCM1885C2A152JA16#	
		U2J	1000pF	±5%	GCM1887U2A102JA16#	
			1200pF	±5%	GCM1887U2A122JA16#	

Part number # indicates the package specification code.



GCM Series

GC3 Series

GCJ Series

GCD Series

GCE Series

NMF Series

KCM Series

KC3 Series

KCA Series

GCG Series

①Caution
/Notice

GCM Series Temperature Compensating Type 🚟 🐯 Part Number List

0.

(→ 1.6×0.8mm)

(→ 1.6 ×	«0.8mm	I)			
T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number
0.9mm	100Vdc	U2J	1500pF	±5%	GCM1887U2A152JA16#
			1800pF	±5%	GCM1887U2A182JA16#
			2200pF	±5%	GCM1887U2A222JA16#
			2700pF	±5%	GCM1887U2A272JA16#
			3300pF	±5%	GCM1887U2A332JA16#
			3900pF	±5%	GCM1887U2A392JA16#
			4700pF	±5%	GCM1887U2A472JA16#
			5600pF	±5%	GCM1887U2A562JA16#
			6800pF	±5%	GCM1887U2A682JA16#
			8200pF	±5%	GCM1887U2A822JA16#
			10000pF	±5%	GCM1887U2A103JA16#
	50Vdc	COG	1.0pF	±0.25pF	GCM1885C1H1R0CA16#
			2.0pF		GCM1885C1H2R0CA16#
			3.0pF		GCM1885C1H3R0CA16#
			4.0pF	±0.25pF	GCM1885C1H4R0CA16#
			5.0pF		GCM1885C1H5R0CA16#
			6.0pF		GCM1885C1H6R0DA16#
			7.0pF		GCM1885C1H7R0DA16#
			8.0pF		GCM1885C1H8R0DA16#
			9.0pF		GCM1885C1H9R0DA16#
			10pF	±5%	GCM1885C1H100JA16#
			12pF	±5%	GCM1885C1H120JA16#
				±5%	GCM1885C1H120JA16#
			15pF	±5%	GCM1885C1H180JA16#
			18pF	±5%	GCM1885C1H180JA16#
			22pF	±5%	GCM1885C1H270JA16#
			27pF		
			33pF	±5%	GCM1885C1H330JA16#
			39pF	±5%	GCM1885C1H390JA16#
			47pF	±5%	GCM1885C1H470JA16#
			56pF	±5%	GCM1885C1H560JA16#
			68pF	±5%	GCM1885C1H680JA16#
			82pF	±5%	GCM1885C1H820JA16#
			100pF		GCM1885C1H101JA16#
			120pF	±5%	GCM1885C1H121JA16#
			150pF	±5%	GCM1885C1H151JA16#
			180pF	±5%	GCM1885C1H181JA16#
			220pF	±5%	GCM1885C1H221JA16#
			270pF	±5%	GCM1885C1H271JA16#
			330pF	±5%	GCM1885C1H331JA16#
			390pF	±5%	GCM1885C1H391JA16#
			470pF	±5%	GCM1885C1H471JA16#
			560pF	±5%	GCM1885C1H561JA16#
			680pF	±5%	GCM1885C1H681JA16#
			820pF	±5%	GCM1885C1H821JA16#
			1000pF	±5%	GCM1885C1H102JA16#
			1200pF	±5%	GCM1885C1H122JA16#
			1500pF	±5%	GCM1885C1H152JA16#
			1800pF	±5%	GCM1885C1H182JA16#
			2200pF	±5%	GCM1885C1H222JA16#
			2700pF	±5%	GCM1885C1H272JA16#
			3300pF	±5%	GCM1885C1H332JA16#
			3900pF	±5%	GCM1885C1H392JA16#
		U2J	1000pF	±5%	GCM1887U1H102JA16#
			1200pF	±5%	GCM1887U1H122JA16#

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number	
.9mm	50Vdc	U2J	1500pF	±5%	GCM1887U1H152JA16#	
			1800pF	±5%	GCM1887U1H182JA16#	
			2200pF	±5%	GCM1887U1H222JA16#	
			2700pF	±5%	GCM1887U1H272JA16#	
			3300pF	±5%	GCM1887U1H332JA16#	
			3900pF	±5%	GCM1887U1H392JA16#	
			4700pF	±5%	GCM1887U1H472JA16#	
			5600pF	±5%	GCM1887U1H562JA16#	
			6800pF	±5%	GCM1887U1H682JA16#	
			8200pF	±5%	GCM1887U1H822JA16#	
			10000pF	±5%	GCM1887U1H103JA16#	

2.0×1.25mm

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number	
0.7mm	100Vdc	COG	100pF	±5%	GCM2165C2A101JA16#	
			120pF	±5%	GCM2165C2A121JA16#	
			150pF	±5%	GCM2165C2A151JA16#	
			180pF	±5%	GCM2165C2A181JA16#	
			220pF	±5%	GCM2165C2A221JA16#	
			270pF	±5%	GCM2165C2A271JA16#	
			330pF	±5%	GCM2165C2A331JA16#	
			390pF	±5%	GCM2165C2A391JA16#	
			470pF	±5%	GCM2165C2A471JA16#	
			560pF	±5%	GCM2165C2A561JA16#	
			680pF	±5%	GCM2165C2A681JA16#	
			820pF	±5%	GCM2165C2A821JA16#	
			1000pF	±5%	GCM2165C2A102JA16#	
			1200pF	±5%	GCM2165C2A122JA16#	
			1500pF	±5%	GCM2165C2A152JA16#	
			1800pF	±5%	GCM2165C2A182JA16#	
			2200pF	±5%	GCM2165C2A222JA16#	
			2700pF	±5%	GCM2165C2A272JA16#	
			3300pF	±5%	GCM2165C2A332JA16#	
	50Vdc	COG	4700pF	±5%	GCM2165C1H472JA16#	
0.95mm	100Vdc	ZLM	1000pF	±10%	GCM2199E2A102KA05#	
				±20%	GCM2199E2A102MA05#	
			1100pF	±10%	GCM2199E2A112KA05#	
				±20%	GCM2199E2A112MA05#	
			1200pF	±10%	GCM2199E2A122KA05#	
				±20%	GCM2199E2A122MA05#	
			1300pF	±10%	GCM2199E2A132KA05#	
				±20%	GCM2199E2A132MA05#	
			1500pF	±10%	GCM2199E2A152KA05#	
				±20%	GCM2199E2A152MA05#	
	80Vdc	C0G	15000pF	±5%	GCM2195C1K153JA16#	
	63Vdc	COG	15000pF	±5%	GCM2195C1J153JA16#	
	50Vdc	COG	5600pF	±5%	GCM2195C1H562JA16#	
			6800pF	±5%	GCM2195C1H682JA16#	
			8200pF	±5%	GCM2195C1H822JA16#	
			10000pF	±5%	GCM2195C1H103JA16#	
			12000pF	±5%	GCM2195C1H123JA16#	
			15000pF	±5%	GCM2195C1H153JA16#	

Part number # indicates the package specification code.



GCM Series Temperature Compensating Type 🚟 🐯 Part Number List

(→ 2.0×1.25mm)

GRT Series

GCM Series

GC3 Series

GCJ Series

GCD Series

GCE Series

NMF Series

KCM Series

KC3 Series

KCA Series

GCG Series

①Caution/ Notice

(→ 2.0 ›	<1.25m	m)			
T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number
1.0mm	630Vdc	COG	10pF	±5%	GCM21A5C2J100JX01#
			12pF	±5%	GCM21A5C2J120JX01#
			15pF	±5%	GCM21A5C2J150JX01#
			18pF	±5%	GCM21A5C2J180JX01#
			22pF	±5%	GCM21A5C2J220JX01#
			27pF	±5%	GCM21A5C2J270JX01#
			33pF	±5%	GCM21A5C2J330JX01#
			39pF	±5%	GCM21A5C2J390JX01#
			47pF	±5%	GCM21A5C2J470JX01#
			56pF	±5%	GCM21A5C2J560JX01#
			68pF	±5%	GCM21A5C2J680JX01#
			82pF	±5%	GCM21A5C2J820JX01#
			100pF	±5%	GCM21A5C2J101JX01#
			120pF	±5%	GCM21A5C2J121JX01#
			150pF	±5%	GCM21A5C2J151JX01#
			180pF	±5%	GCM21A5C2J181JX01#
			220pF	±5%	GCM21A5C2J221JX01#
			270pF	±5 %	GCM21A5C2J221JX01#
				±5%	GCM21A5C2J331JX01#
			330pF		
			390pF	±5%	GCM21A5C2J391JX01#
			470pF	±5%	GCM21A5C2J471JX01#
	25011		560pF	±5%	GCM21A5C2J561JX01#
	250Vdc	COG	10pF	±5%	GCM21A5C2E100JX01#
			12pF	±5%	GCM21A5C2E120JX01#
			15pF	±5%	GCM21A5C2E150JX01#
			18pF	±5%	GCM21A5C2E180JX01#
			22pF	±5%	GCM21A5C2E220JX01#
			27pF	±5%	GCM21A5C2E270JX01#
			33pF	±5%	GCM21A5C2E330JX01#
			39pF	±5%	GCM21A5C2E390JX01#
			47pF	±5%	GCM21A5C2E470JX01#
			56pF	±5%	GCM21A5C2E560JX01#
			68pF	±5%	GCM21A5C2E680JX01#
			82pF	±5%	GCM21A5C2E820JX01#
			100pF	±5%	GCM21A5C2E101JX01#
			120pF	±5%	GCM21A5C2E121JX01#
			150pF	±5%	GCM21A5C2E151JX01#
			180pF	±5%	GCM21A5C2E181JX01#
			220pF	±5%	GCM21A5C2E221JX01#
			270pF	±5%	GCM21A5C2E271JX01#
			330pF	±5%	GCM21A5C2E331JX01#
			390pF	±5%	GCM21A5C2E391JX01#
			470pF	±5%	GCM21A5C2E471JX01#
			560pF	±5%	GCM21A5C2E561JX01#
			680pF	±5%	GCM21A5C2E681JX01#
			820pF	±5%	GCM21A5C2E821JX01#
			1000pF	±5%	GCM21A5C2E102JX01#
			1200pF	±5%	GCM21A5C2E122JX01#
			1500pF	±5%	GCM21A5C2E152JX01#
			1800pF	±5%	GCM21A5C2E182JX01#
			2200pF	±5%	GCM21A5C2E222JX01#
			2700pF	±5%	GCM21A5C2E272JX01#
		U2J	100pF	±5%	GCM21A3C2E272JX01#
			120pF	±5%	GCM21A7U2E121JX01#

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number	
1.0mm	250Vdc	U2J	150pF	±5%	GCM21A7U2E151JX01#	
			180pF	±5%	GCM21A7U2E181JX01#	
			220pF	±5%	GCM21A7U2E221JX01#	
			270pF	±5%	GCM21A7U2E271JX01#	
			330pF	±5%	GCM21A7U2E331JX01#	
			390pF	±5%	GCM21A7U2E391JX01#	
			470pF	±5%	GCM21A7U2E471JX01#	
			560pF	±5%	GCM21A7U2E561JX01#	
			680pF	±5%	GCM21A7U2E681JX01#	
			820pF	±5%	GCM21A7U2E821JX01#	
			1000pF	±5%	GCM21A7U2E102JX01#	
			1200pF	±5%	GCM21A7U2E122JX01#	
			1500pF	±5%	GCM21A7U2E152JX01#	
			1800pF	±5%	GCM21A7U2E182JX01#	
			2200pF	±5%	GCM21A7U2E222JX01#	
1.4mm	80Vdc	C0G	18000pF	±5%	GCM21B5C1K183JA16#	
			20000pF	±5%	GCM21B5C1K203JA16#	
			22000pF	±5%	GCM21B5C1K223JA16#	
	63Vdc	C0G	18000pF	±5%	GCM21B5C1J183JA16#	
			20000pF	±5%	GCM21B5C1J203JA16#	
			22000pF	±5%	GCM21B5C1J223JA16#	
	50Vdc	C0G	18000pF	±5%	GCM21B5C1H183JA16#	
			22000pF	±5%	GCM21B5C1H223JA16#	
1.45mm	630Vdc	COG	680pF	±5%	GCM21B5C2J681JX03#	
			820pF	±5%	GCM21B5C2J821JX03#	
			1000pF	±5%	GCM21B5C2J102JX03#	
			1200pF	±5%	GCM21B5C2J122JX03#	
	250Vdc	COG	3300pF	±5%	GCM21B5C2E332JX01#	
			3900pF	±5%	GCM21B5C2E392JX01#	
			4700pF	±5%	GCM21B5C2E472JX01#	
		U2J	2700pF	±5%	GCM21B7U2E272JX03#	
			3300pF	±5%	GCM21B7U2E332JX03#	
			3900pF	±5%	GCM21B7U2E392JX03#	
			4700pF	±5%	GCM21B7U2E472JX03#	
			5600pF	±5%	GCM21B7U2E562JX03#	

3.2×1.6mm

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number
0.95mm	100Vdc	COG	3900pF	±5%	GCM3195C2A392JA16#
			4700pF	±5%	GCM3195C2A472JA16#
			5600pF	±5%	GCM3195C2A562JA16#
			6800pF	±5%	GCM3195C2A682JA16#
			8200pF	±5%	GCM3195C2A822JA16#
			10000pF	±5%	GCM3195C2A103JA16#
	80Vdc	COG	33000pF	±5%	GCM3195C1K333JA16#
1.0mm	1000Vdc	COG	10pF	±5%	GCM31A5C3A100JX01#
			12pF	±5%	GCM31A5C3A120JX01#
			15pF	±5%	GCM31A5C3A150JX01#
			18pF	±5%	GCM31A5C3A180JX01#
			22pF	±5%	GCM31A5C3A220JX01#
			27pF	±5%	GCM31A5C3A270JX01#
			33pF	±5%	GCM31A5C3A330JX01#

Part number # indicates the package specification code.



GCM Series

GC3 Series

GCJ Series

GCD Series

GCE Series

NMF Series

KCM Series

KC3 Series

KCA Series

GCG Series

GCM Series Temperature Compensating Type 🚟 🐯 Part Number List

ma>

1.0mr

muRata

(→ 3.2×1.6mm)

(→ 3.2×	×1.6mm)			
T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number
1.0mm	1000Vdc	COG	39pF	±5%	GCM31A5C3A390JX01#
			47pF	±5%	GCM31A5C3A470JX01#
			56pF	±5%	GCM31A5C3A560JX01#
			68pF	±5%	GCM31A5C3A680JX01#
			82pF	±5%	GCM31A5C3A820JX01#
			100pF	±5%	GCM31A5C3A101JX01#
			120pF	±5%	GCM31A5C3A121JX01#
			150pF	±5%	GCM31A5C3A151JX01#
			180pF	±5%	GCM31A5C3A181JX01#
			220pF	±5%	GCM31A5C3A221JX01#
			270pF	±5%	GCM31A5C3A271JX01#
			330pF	±5%	GCM31A5C3A331JX01#
				±5%	GCM31A5C3A391JX01#
			390pF	±5%	GCM31A5C3A471JX01#
			470pF		
		U2J	10pF	±5%	GCM31A7U3A100JX01#
			12pF	±5%	GCM31A7U3A120JX01#
			15pF	±5%	GCM31A7U3A150JX01#
			18pF	±5%	GCM31A7U3A180JX01#
			22pF	±5%	GCM31A7U3A220JX01#
			27pF	±5%	GCM31A7U3A270JX01#
			33pF	±5%	GCM31A7U3A330JX01#
			39pF	±5%	GCM31A7U3A390JX01#
			47pF	±5%	GCM31A7U3A470JX01#
			56pF	±5%	GCM31A7U3A560JX01#
			68pF	±5%	GCM31A7U3A680JX01#
			82pF	±5%	GCM31A7U3A820JX01#
			100pF	±5%	GCM31A7U3A101JX01#
			120pF	±5%	GCM31A7U3A121JX01#
			150pF	±5%	GCM31A7U3A151JX01#
			180pF	±5%	GCM31A7U3A181JX01#
			220pF	±5%	GCM31A7U3A221JX01#
			270pF	±5%	GCM31A7U3A271JX01#
			330pF	±5%	GCM31A7U3A331JX01#
	630Vdc	COG	-		GCM31A5C2J100JX01#
	030740	COG	10pF	±5%	
			12pF	±5%	GCM31A5C2J120JX01#
			15pF	±5%	GCM31A5C2J150JX01#
			18pF	±5%	GCM31A5C2J180JX01#
			22pF	±5%	GCM31A5C2J220JX01#
			27pF	±5%	GCM31A5C2J270JX01#
			33pF	±5%	GCM31A5C2J330JX01#
			39pF	±5%	GCM31A5C2J390JX01#
			47pF	±5%	GCM31A5C2J470JX01#
			56pF	±5%	GCM31A5C2J560JX01#
			68pF	±5%	GCM31A5C2J680JX01#
			82pF	±5%	GCM31A5C2J820JX01#
			100pF	±5%	GCM31A5C2J101JX01#
			120pF	±5%	GCM31A5C2J121JX01#
			150pF	±5%	GCM31A5C2J151JX01#
			180pF	±5%	GCM31A5C2J181JX01#
			220pF	±5%	GCM31A5C2J221JX01#
			270pF	±5%	GCM31A5C2J271JX01#
			270pF 330pF	±5%	GCM31A5C2J271JX01#
			390pF	±5%	GCM31A5C2J391JX01#
			470pF	±5%	GCM31A5C2J471JX01#

 Martian Sampa Para Para Para Para Para Para Para Pa		Rated Voltage	TC Code	Cap.	Tol.	Part Number	
820pf ±5% GCM31A5C2J82JX01# 1000pF ±5% GCM31A5C2J102JX01# 1200pF ±5% GCM31A5C2J122JX01# 1800pF ±5% GCM31A5C2J122JX01# 1800pF ±5% GCM31A7C2J100JX01# 12pF ±5% GCM31A7U2J10JX01# 12pF ±5% GCM31A7U2J20JX01# 12pF ±5% GCM31A7U2J20JX01# 12pF ±5% GCM31A7U2J30JX01# 12pF ±5% GCM31A7U2J30JX01# 22pF ±5% GCM31A7U2J30JX01# 33pF ±5% GCM31A7U2J30JX01# 33pF ±5% GCM31A7U2J30JX01# 47pF ±5% GCM31A7U2J30JX01# 56pF ±5% GCM31A7U2J30JX01# 100pF ±5% GCM31A7U2J30JX01# 100pF ±5% GCM31A7U2J31JX01# 120pF ±5% GCM31A7U2J31JX01# 30pF ±5% GCM31A7U2J33JX01# 30pF ±5% GCM31A7U2J33JX01# 30pF ±5% GCM31A7U2J33JX01#	m	630Vdc	COG	560pF	±5%	GCM31A5C2J561JX01#	
1000pF ±5% GCM31A5C2J102JX01# 1200pF ±5% GCM31A5C2J152JX01# 1800pF ±5% GCM31A5C2J152JX01# 122 10pF ±5% GCM31A7U2J100JX01# 12pF ±5% GCM31A7U2J120JX01# 1 12pF ±5% GCM31A7U2J20JX01# 1 12pF ±5% GCM31A7U2J20JX01# 1 22pF ±5% GCM31A7U2J30JX01# 1 22pF ±5% GCM31A7U2J30JX01# 1 33pF ±5% GCM31A7U2J30JX01# 1 33pF ±5% GCM31A7U2J30JX01# 1 47pF ±5% GCM31A7U2J30JX01# 1 56pF ±5% GCM31A7U2J15UX01# 1 100pF ±5% GCM31A7U2J15UX01# 1 120pF ±5% GCM31A7U2J15UX01# 1 120pF ±5% GCM31A7U2J33UX01# 1 130pF ±5% GCM31A7U2J33UX01# 1 120pF ±5% GCM31A7U2J33UX01# 1 <				680pF	±5%	GCM31A5C2J681JX01#	
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100pF ±5% GCM31A7U2J101JX01# 1 120pF ±5% GCM31A7U2J121JX01# 1 150pF ±5% GCM31A7U2J151JX01# 1 180pF ±5% GCM31A7U2J151JX01# 1 220pF ±5% GCM31A7U2J21JX01# 1 220pF ±5% GCM31A7U2J31JX01# 1 270pF ±5% GCM31A7U2J31JX01# 1 330pF ±5% GCM31A7U2J31JX01# 1 330pF ±5% GCM31A7U2J31JX01# 1 390pF ±5% GCM31A7U2J31JX01# 1 470pF ±5% GCM31A7U2J31JX01# 1 680pF ±5% GCM31A7U2J301X01# 1 1000pF ±5% GCM31A7U2J102JX01# 1 1200pF ±5% GCM31A7U2J102JX01# 1 1200pF ±5% GCM31A7U2J122XJX01# 1 1200pF ±5% GCM31A7U2J122JX01# 1 1200pF ±5% GCM31A7U2J122ZJX01# 1 1200pF				68pF	±5%	GCM31A7U2J680JX01#	
120pF ±5% GCM31A7U2J121JX01# 150pF ±5% GCM31A7U2J151JX01# 180pF ±5% GCM31A7U2J151JX01# 220pF ±5% GCM31A7U2J21JX01# 220pF ±5% GCM31A7U2J27JJX01# 330pF ±5% GCM31A7U2J31JX01# 330pF ±5% GCM31A7U2J31JX01# 470pF ±5% GCM31A7U2J31JX01# 560pF ±5% GCM31A7U2J61JX01# 820pF ±5% GCM31A7U2J61JX01# 1000pF ±5% GCM31A7U2J631JX01# 1200pF ±5% GCM31A7U2J631JX01# 1200pF ±5% GCM31A7U2J162JX01# 1200pF ±5% GCM31A7U2J162JX01# 1200pF ±5% GCM31A7U2J122JX01# 1200pF ±5% GCM31A7U2J122JX01# 1200pF ±5% GCM31A7U2J122JX01# 1200pF ±5% GCM31A7U2J122JX01# 1500pF ±5% GCM31A7U2J122JX01# 1200pF ±5% GCM31A7U2J122JX01# 1200pF ±5% GCM31A5C2E10JX01# 12pF ±5% GCM31A5C2E10JX01# 13pF ±5% GCM31A5C2E10JX01# 13pF ±5% GCM31A5C2E10JX01# 33pF ±5% GCM31A5C2E30JX01# 33pF ±5% GCM31A5C2E30JX01# 34pF ±5% GCM31A5C2E30JX01# 34pF ±5% GCM31A5C2E30JX01#				82pF	±5%	GCM31A7U2J820JX01#	
150pF ±5% GCM31A7U2J151JX01# 180pF ±5% GCM31A7U2J181JX01# 220pF ±5% GCM31A7U2J21X01# 220pF ±5% GCM31A7U2J21X01# 270pF ±5% GCM31A7U2J31JX01# 330pF ±5% GCM31A7U2J31JX01# 390pF ±5% GCM31A7U2J391JX01# 390pF ±5% GCM31A7U2J391JX01# 470pF ±5% GCM31A7U2J361JX01# 560pF ±5% GCM31A7U2J681JX01# 680pF ±5% GCM31A7U2J02JX01# 1000pF ±5% GCM31A7U2J102JX01# 1200pF ±5% GCM31A7U2J122JX01# 1200pF ±5% GCM31A7U2J182JX01# 1200pF ±5% GCM31A7U2J182JX01# 1200pF ±5% GCM31A7U2J182JX01# 1200pF ±5% GCM31A7U2J182JX01# 1200pF ±5% GCM31A5C2E10JX01# 120pF ±5% GCM31A5C2E10JX01# 120pF ±5% GCM31A5C2E30JX01# 12pF ±5% GCM				100pF	±5%	GCM31A7U2J101JX01#	
180pF ±5% GCM31A7U2J181JX01# 220pF ±5% GCM31A7U2J221JX01# 270pF ±5% GCM31A7U2J221JX01# 330pF ±5% GCM31A7U2J331JX01# 330pF ±5% GCM31A7U2J391JX01# 390pF ±5% GCM31A7U2J391JX01# 470pF ±5% GCM31A7U2J681JX01# 560pF ±5% GCM31A7U2J681JX01# 680pF ±5% GCM31A7U2J821JX01# 1000pF ±5% GCM31A7U2J821JX01# 1200pF ±5% GCM31A7U2J182JX01# 1200pF ±5% GCM31A5C2E100JX01# 120pF ±5% GCM31A5C2E100JX01# 120pF ±5% GCM31A5C2E300JX01# 12pF ±5%				120pF	±5%	GCM31A7U2J121JX01#	
220pF ±5% GCM31A7U2J221JX01# 270pF ±5% GCM31A7U2J271JX01# 330pF ±5% GCM31A7U2J331JX01# 390pF ±5% GCM31A7U2J391JX01# 390pF ±5% GCM31A7U2J391JX01# 470pF ±5% GCM31A7U2J391JX01# 560pF ±5% GCM31A7U2J681JX01# 680pF ±5% GCM31A7U2J821JX01# 1000pF ±5% GCM31A7U2J821JX01# 1200pF ±5% GCM31A7U2J122JX01# 1200pF ±5% GCM31A5C2E100JX01# 1200pF ±5% GCM31A5C2E100JX01# 120pF ±5% GCM31A5C2E100JX01# 120pF ±5% GCM31A5C2E100JX01# 12pF ±5% GCM31A5C2E100JX01# 12pF ±5% GCM31A5C2E300JX01# 33pF ±5%				150pF	±5%	GCM31A7U2J151JX01#	
250Vdc CCG 270pF ±5% GCM31A7U2J271JX01#				180pF	±5%	GCM31A7U2J181JX01#	
330pF ±5% GCM31A7U2J331JX01# 390pF ±5% GCM31A7U2J391JX01# 390pF ±5% GCM31A7U2J391JX01# 470pF ±5% GCM31A7U2J471JX01# 560pF ±5% GCM31A7U2J681JX01# 680pF ±5% GCM31A7U2J681JX01# 1000pF ±5% GCM31A7U2J821JX01# 1000pF ±5% GCM31A7U2J122JX01# 1200pF ±5% GCM31A7U2J152JX01# 1200pF ±5% GCM31A7U2J122JX01# 1200pF ±5% GCM31A7U2J122JX01# 1200pF ±5% GCM31A7U2J122JX01# 1200pF ±5% GCM31A7U2J122JX01# 1200pF ±5% GCM31A5C2E100JX01# 1200pF ±5% GCM31A5C2E100JX01# 12pF ±5% GCM31A5C2E130JX01# 12pF ±5% GCM31A5C2E30JX01# 13pF ±5% GCM31A5C2E30JX01# 33pF ±5% GCM31A5C2E30JX01# 33pF ±5% GCM31A5C2E470JX01# 33pF ±5% <td< td=""><td></td><td></td><td></td><td>220pF</td><td>±5%</td><td>GCM31A7U2J221JX01#</td><td></td></td<>				220pF	±5%	GCM31A7U2J221JX01#	
390pF ±5% GCM31A7U2J391JX01# 470pF ±5% GCM31A7U2J471JX01# 560pF ±5% GCM31A7U2J681JX01# 560pF ±5% GCM31A7U2J681JX01# 680pF ±5% GCM31A7U2J681JX01# 1000pF ±5% GCM31A7U2J821JX01# 1000pF ±5% GCM31A7U2J12JX01# 1200pF ±5% GCM31A7U2J12JX01# 1200pF ±5% GCM31A7U2J12JX01# 1200pF ±5% GCM31A7U2J12ZJX01# 1200pF ±5% GCM31A7U2J182JX01# 1200pF ±5% GCM31A7U2J182JX01# 1200pF ±5% GCM31A5C2E100JX01# 120pF ±5% GCM31A5C2E100JX01# 12pF ±5% GCM31A5C2E10JX01# 12pF ±5% GCM31A5C2E30JX01# 18pF ±5% GCM31A5C2E30JX01# 18pF ±5% GCM31A5C2E30JX01# 33pF ±5% GCM31A5C2E30JX01# 39pF ±5% GCM31A5C2E470JX01# 56pF ±5% GCM31A				270pF	±5%	GCM31A7U2J271JX01#	
470pF ±5% GCM31A7U2J471JX01# 560pF ±5% GCM31A7U2J561JX01# 680pF ±5% GCM31A7U2J681JX01# 820pF ±5% GCM31A7U2J821JX01# 1000pF ±5% GCM31A7U2J02JX01# 1200pF ±5% GCM31A7U2J102JX01# 1200pF ±5% GCM31A7U2J12JX01# 1200pF ±5% GCM31A7U2J152JX01# 1200pF ±5% GCM31A7U2J152JX01# 1200pF ±5% GCM31A7U2J152JX01# 1200pF ±5% GCM31A7U2J152JX01# 1200pF ±5% GCM31A7U2J222JX01# 1200pF ±5% GCM31A5C2E10JX01# 12pF ±5% GCM31A5C2E10JX01# 12pF ±5% GCM31A5C2E30JX01# 12pF ±5% GCM31A5C2E30JX01# 13pF ±5% GCM31A5C2E30JX01# 33pF ±5% GCM31A5C2E30JX01# 33pF ±5% GCM31A5C2E30JX01# 32pF ±5% GCM31A5C2E30JX01# 68pF ±5% GCM31A5C				330pF	±5%	GCM31A7U2J331JX01#	
S60pF ±5% GCM31A7U2J561JX01# 680pF ±5% GCM31A7U2J681JX01# 820pF ±5% GCM31A7U2J681JX01# 1000pF ±5% GCM31A7U2J821JX01# 1200pF ±5% GCM31A7U2J12JX01# 1200pF ±5% GCM31A7U2J12JX01# 1200pF ±5% GCM31A7U2J152JX01# 1800pF ±5% GCM31A7U2J152JX01# 1200pF ±5% GCM31A5C2E10JX01# 120pF ±5% GCM31A5C2E10JX01# 15pF ±5% GCM31A5C2E30JX01# 18pF ±5% GCM31A5C2E30JX01# 33pF ±5% GCM31A5C2E30JX01# 33pF ±5% GCM31A5C2E470JX01# 39pF ±5% GCM31A5C2E30JX01# 68pF ±5% GCM31A5C2E460JX01# 100pF ±5% GCM				390pF	±5%	GCM31A7U2J391JX01#	
680pF ±5% GCM31A7U2J681JX01# 820pF ±5% GCM31A7U2J821JX01# 1000pF ±5% GCM31A7U2J821JX01# 1200pF ±5% GCM31A7U2J12JX01# 1200pF ±5% GCM31A7U2J152JX01# 1500pF ±5% GCM31A7U2J152JX01# 1500pF ±5% GCM31A7U2J152JX01# 1800pF ±5% GCM31A7U2J182JX01# 2200pF ±5% GCM31A7U2J182JX01# 1800pF ±5% GCM31A7U2J182JX01# 2200pF ±5% GCM31A5C2E100JX01# 110pF ±5% GCM31A5C2E10JX01# 12pF ±5% GCM31A5C2E10JX01# 15pF ±5% GCM31A5C2E30JX01# 18pF ±5% GCM31A5C2E30JX01# 33pF ±5% GCM31A5C2E30JX01# 39pF ±5% GCM31A5C2E30JX01# 39pF ±5% GCM31A5C2E680JX01# 68pF ±5% GCM31A5C2E101JX01# 100pF ±5% GCM31A5C2E10JX01# 100pF ±5% GCM31				470pF	±5%	GCM31A7U2J471JX01#	
820pF ±5% GCM31A7U2J821JX01# 1000pF ±5% GCM31A7U2J102JX01# 1200pF ±5% GCM31A7U2J102JX01# 1200pF ±5% GCM31A7U2J122JX01# 1500pF ±5% GCM31A7U2J152JX01# 1800pF ±5% GCM31A7U2J182JX01# 2200pF ±5% GCM31A7U2J182JX01# 2200pF ±5% GCM31A7U2J182JX01# 2200pF ±5% GCM31A5C2E100JX01# 12pF ±5% GCM31A5C2E10JX01# 12pF ±5% GCM31A5C2E10JX01# 12pF ±5% GCM31A5C2E10JX01# 12pF ±5% GCM31A5C2E30JX01# 18pF ±5% GCM31A5C2E30JX01# 22pF ±5% GCM31A5C2E30JX01# 33pF ±5% GCM31A5C2E30JX01# 39pF ±5% GCM31A5C2E30JX01# 56pF ±5% GCM31A5C2E60JX01# 68pF ±5% GCM31A5C2E101JX01# 100pF ±5% GCM31A5C2E101JX01# 120pF ±5% GCM31A5C2E				560pF	±5%	GCM31A7U2J561JX01#	
1000pF ±5% GCM31A7U2J102JX01# 1200pF ±5% GCM31A7U2J122JX01# 1200pF ±5% GCM31A7U2J152JX01# 1500pF ±5% GCM31A7U2J152JX01# 1800pF ±5% GCM31A7U2J152JX01# 2200pF ±5% GCM31A7U2J152JX01# 250Vdc COG 10pF ±5% 12pF ±5% GCM31A5C2E10JX01# 12pF ±5% GCM31A5C2E150JX01# 12pF ±5% GCM31A5C2E180JX01# 15pF ±5% GCM31A5C2E180JX01# 12pF ±5% GCM31A5C2E30JX01# 12pF ±5% GCM31A5C2E30JX01# 13pF ±5% GCM31A5C2E30JX01# 33pF ±5% GCM31A5C2E30JX01# 33pF ±5% GCM31A5C2E30JX01# 56pF ±5% GCM31A5C2E30JX01# 68pF ±5% GCM31A5C2E60JX01# 100pF ±5% GCM31A5C2E101JX01# 100pF ±5% GCM31A5C2E101JX01# 120pF ±5% GCM3				680pF	±5%	GCM31A7U2J681JX01#	
1200pF ±5% GCM31A7U2J122JX01# 1500pF ±5% GCM31A7U2J152JX01# 1500pF ±5% GCM31A7U2J152JX01# 1800pF ±5% GCM31A7U2J182JX01# 2200pF ±5% GCM31A7U2J182JX01# 2200pF ±5% GCM31A7U2J222JX01# 250Vdc COG 10pF ±5% 12pF ±5% GCM31A5C2E100JX01# 15pF ±5% GCM31A5C2E120JX01# 15pF ±5% GCM31A5C2E120JX01# 12pF ±5% GCM31A5C2E120JX01# 12pF ±5% GCM31A5C2E20JX01# 12pF ±5% GCM31A5C2E30JX01# 22pF ±5% GCM31A5C2E30JX01# 33pF ±5% GCM31A5C2E30JX01# 39pF ±5% GCM31A5C2E60JX01# 56pF ±5% GCM31A5C2E60JX01# 68pF ±5% GCM31A5C2E101JX01# 100pF ±5% GCM31A5C2E101JX01# 120pF ±5% GCM31A5C2E11JX01# 120pF ±5% GCM				820pF	±5%	GCM31A7U2J821JX01#	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$				1000pF	±5%	GCM31A7U2J102JX01#	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$				1200pF	±5%	GCM31A7U2J122JX01#	
2200pF ±5% GCM31A7U2J222JX01# 250Vdc COG 10pF ±5% GCM31A5C2E100JX01# 12pF ±5% GCM31A5C2E120JX01# 1 15pF ±5% GCM31A5C2E150JX01# 1 15pF ±5% GCM31A5C2E180JX01# 1 18pF ±5% GCM31A5C2E180JX01# 1 22pF ±5% GCM31A5C2E20JX01# 1 27pF ±5% GCM31A5C2E30JX01# 1 33pF ±5% GCM31A5C2E30JX01# 1 33pF ±5% GCM31A5C2E30JX01# 1 39pF ±5% GCM31A5C2E30JX01# 1 56pF ±5% GCM31A5C2E30JX01# 1 56pF ±5% GCM31A5C2E60JX01# 1 82pF ±5% GCM31A5C2E10JX01# 1 100pF ±5% GCM31A5C2E10JX01# 1 120pF ±5% GCM31A5C2E151JX01# 1 180pF ±5% GCM31A5C2E181JX01# 1				1500pF	±5%	GCM31A7U2J152JX01#	
250Vdc COG 10pF ±5% GCM31A5C2E100JX01# 12pF ±5% GCM31A5C2E120JX01# 1 15pF ±5% GCM31A5C2E150JX01# 1 15pF ±5% GCM31A5C2E180JX01# 1 18pF ±5% GCM31A5C2E180JX01# 1 22pF ±5% GCM31A5C2E20JX01# 1 27pF ±5% GCM31A5C2E30JX01# 1 33pF ±5% GCM31A5C2E30JX01# 1 39pF ±5% GCM31A5C2E30JX01# 1 39pF ±5% GCM31A5C2E30JX01# 1 56pF ±5% GCM31A5C2E470JX01# 1 56pF ±5% GCM31A5C2E60JX01# 1 68pF ±5% GCM31A5C2E60JX01# 1 100pF ±5% GCM31A5C2E10JX01# 1 120pF ±5% GCM31A5C2E11JX01# 1 120pF ±5% GCM31A5C2E181JX01# 1				1800pF	±5%	GCM31A7U2J182JX01#	
12pF ±5% GCM31A5C2E120JX01# 15pF ±5% GCM31A5C2E150JX01# 18pF ±5% GCM31A5C2E180JX01# 22pF ±5% GCM31A5C2E20JX01# 22pF ±5% GCM31A5C2E270JX01# 33pF ±5% GCM31A5C2E30JX01# 33pF ±5% GCM31A5C2E30JX01# 39pF ±5% GCM31A5C2E30JX01# 47pF ±5% GCM31A5C2E30JX01# 56pF ±5% GCM31A5C2E60JX01# 68pF ±5% GCM31A5C2E680JX01# 82pF ±5% GCM31A5C2E101JX01# 100pF ±5% GCM31A5C2E101JX01# 120pF ±5% GCM31A5C2E151JX01# 150pF ±5% GCM31A5C2E151JX01#				2200pF	±5%	GCM31A7U2J222JX01#	
15pF ±5% GCM31A5C2E150JX01# 18pF ±5% GCM31A5C2E180JX01# 22pF ±5% GCM31A5C2E220JX01# 27pF ±5% GCM31A5C2E270JX01# 33pF ±5% GCM31A5C2E330JX01# 39pF ±5% GCM31A5C2E390JX01# 47pF ±5% GCM31A5C2E390JX01# 56pF ±5% GCM31A5C2E470JX01# 56pF ±5% GCM31A5C2E60JX01# 82pF ±5% GCM31A5C2E680JX01# 100pF ±5% GCM31A5C2E101JX01# 120pF ±5% GCM31A5C2E101JX01# 150pF ±5% GCM31A5C2E151JX01# 180pF ±5% GCM31A5C2E181JX01#		250Vdc	COG	10pF	±5%	GCM31A5C2E100JX01#	
18pF ±5% GCM31A5C2E180JX01# 22pF ±5% GCM31A5C2E220JX01# 27pF ±5% GCM31A5C2E270JX01# 33pF ±5% GCM31A5C2E330JX01# 39pF ±5% GCM31A5C2E390JX01# 47pF ±5% GCM31A5C2E390JX01# 56pF ±5% GCM31A5C2E470JX01# 56pF ±5% GCM31A5C2E60JX01# 68pF ±5% GCM31A5C2E60JX01# 100pF ±5% GCM31A5C2E10JX01# 120pF ±5% GCM31A5C2E10JX01# 120pF ±5% GCM31A5C2E11JX01# 150pF ±5% GCM31A5C2E151JX01# 180pF ±5% GCM31A5C2E181JX01#				12pF	±5%	GCM31A5C2E120JX01#	
22pF ±5% GCM31A5C2E220JX01# 27pF ±5% GCM31A5C2E270JX01# 33pF ±5% GCM31A5C2E330JX01# 39pF ±5% GCM31A5C2E390JX01# 47pF ±5% GCM31A5C2E390JX01# 56pF ±5% GCM31A5C2E470JX01# 56pF ±5% GCM31A5C2E60JX01# 68pF ±5% GCM31A5C2E60JX01# 82pF ±5% GCM31A5C2E820JX01# 100pF ±5% GCM31A5C2E101JX01# 120pF ±5% GCM31A5C2E11JX01# 150pF ±5% GCM31A5C2E151JX01# 180pF ±5% GCM31A5C2E181JX01#				15pF	±5%	GCM31A5C2E150JX01#	
27pF ±5% GCM31A5C2E270JX01# 33pF ±5% GCM31A5C2E330JX01# 39pF ±5% GCM31A5C2E390JX01# 39pF ±5% GCM31A5C2E390JX01# 47pF ±5% GCM31A5C2E470JX01# 56pF ±5% GCM31A5C2E60JX01# 68pF ±5% GCM31A5C2E680JX01# 82pF ±5% GCM31A5C2E820JX01# 100pF ±5% GCM31A5C2E101JX01# 120pF ±5% GCM31A5C2E151JX01# 150pF ±5% GCM31A5C2E181JX01# 180pF ±5% GCM31A5C2E181JX01#				18pF	±5%	GCM31A5C2E180JX01#	
33pF ±5% GCM31A5C2E330JX01# 39pF ±5% GCM31A5C2E390JX01# 47pF ±5% GCM31A5C2E470JX01# 56pF ±5% GCM31A5C2E470JX01# 68pF ±5% GCM31A5C2E680JX01# 82pF ±5% GCM31A5C2E820JX01# 100pF ±5% GCM31A5C2E101JX01# 120pF ±5% GCM31A5C2E121JX01# 150pF ±5% GCM31A5C2E151JX01# 180pF ±5% GCM31A5C2E181JX01#				22pF	±5%	GCM31A5C2E220JX01#	
39pF ±5% GCM31A5C2E390JX01# 47pF ±5% GCM31A5C2E470JX01# 56pF ±5% GCM31A5C2E560JX01# 68pF ±5% GCM31A5C2E680JX01# 82pF ±5% GCM31A5C2E680JX01# 100pF ±5% GCM31A5C2E820JX01# 120pF ±5% GCM31A5C2E101JX01# 150pF ±5% GCM31A5C2E151JX01# 180pF ±5% GCM31A5C2E181JX01#				27pF	±5%	GCM31A5C2E270JX01#	
47pF ±5% GCM31A5C2E470JX01# 56pF ±5% GCM31A5C2E560JX01# 68pF ±5% GCM31A5C2E680JX01# 82pF ±5% GCM31A5C2E820JX01# 100pF ±5% GCM31A5C2E101JX01# 120pF ±5% GCM31A5C2E101JX01# 150pF ±5% GCM31A5C2E151JX01# 180pF ±5% GCM31A5C2E181JX01#				33pF	±5%	GCM31A5C2E330JX01#	
56pF ±5% GCM31A5C2E560JX01# 68pF ±5% GCM31A5C2E680JX01# 82pF ±5% GCM31A5C2E820JX01# 100pF ±5% GCM31A5C2E101JX01# 120pF ±5% GCM31A5C2E101JX01# 150pF ±5% GCM31A5C2E121JX01# 180pF ±5% GCM31A5C2E181JX01#				39pF	±5%	GCM31A5C2E390JX01#	
68pF ±5% GCM31A5C2E680JX01# 82pF ±5% GCM31A5C2E820JX01# 100pF ±5% GCM31A5C2E101JX01# 120pF ±5% GCM31A5C2E121JX01# 150pF ±5% GCM31A5C2E151JX01# 180pF ±5% GCM31A5C2E181JX01#				47pF	±5%	GCM31A5C2E470JX01#	
82pF ±5% GCM31A5C2E820JX01# 100pF ±5% GCM31A5C2E101JX01# 120pF ±5% GCM31A5C2E121JX01# 150pF ±5% GCM31A5C2E151JX01# 180pF ±5% GCM31A5C2E181JX01#				56pF	±5%	GCM31A5C2E560JX01#	
100pF ±5% GCM31A5C2E101JX01# 120pF ±5% GCM31A5C2E121JX01# 150pF ±5% GCM31A5C2E151JX01# 180pF ±5% GCM31A5C2E181JX01#				68pF	±5%	GCM31A5C2E680JX01#	
120pF ±5% GCM31A5C2E121JX01# 150pF ±5% GCM31A5C2E151JX01# 180pF ±5% GCM31A5C2E181JX01#				82pF	±5%	GCM31A5C2E820JX01#	
150pF ±5% GCM31A5C2E151JX01# 180pF ±5% GCM31A5C2E181JX01#				100pF	±5%	GCM31A5C2E101JX01#	
180pF ±5% GCM31A5C2E181JX01#				120pF	±5%	GCM31A5C2E121JX01#	
				150pF	±5%	GCM31A5C2E151JX01#	
220pF ±5% GCM31A5C2E221JX01#				180pF	±5%	GCM31A5C2E181JX01#	
				220pF	±5%	GCM31A5C2E221JX01#	
270pF ±5% GCM31A5C2E271JX01#				270pF	±5%	GCM31A5C2E271JX01#	

Part number # indicates the package specification code.

ACaution /Notice

GCM Series Temperature Compensating Type 🚟 🍪 Part Number List

(→ 3.2:	×1.6mm)	•		•
T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number
1.0mm	250Vdc	COG	330pF	±5%	GCM31A5C2E331JX01#
			390pF	±5%	GCM31A5C2E391JX01#
			470pF	±5%	GCM31A5C2E471JX01#
			560pF	±5%	GCM31A5C2E561JX01#
			680pF	±5%	GCM31A5C2E681JX01#
			820pF	±5%	GCM31A5C2E821JX01#
			1000pF	±5%	GCM31A5C2E102JX01#
			1200pF	±5%	GCM31A5C2E122JX01#
			1500pF	±5%	GCM31A5C2E152JX01#
			1800pF	±5%	GCM31A5C2E182JX01#
			2200pF	±5%	GCM31A5C2E222JX01#
			2700pF	±5%	GCM31A5C2E272JX01#
			3300pF	±5%	GCM31A5C2E332JX01#
			3900pF	±5%	GCM31A5C2E392JX01#
			4700pF	±5%	GCM31A5C2E472JX01#
			5600pF	±5%	GCM31A5C2E562JX01#
			6800pF	±5%	GCM31A5C2E682JX01#
		U2J	2700pF	±5%	GCM31A7U2E272JX01#
			3300pF	±5%	GCM31A7U2E332JX01#
			3900pF	±5%	GCM31A7U2E392JX01#
			4700pF	±5%	GCM31A7U2E472JX01#
			5600pF	±5%	GCM31A7U2E562JX01#
1.25mm	1000Vdc	COG	560pF	±5%	GCM31B5C3A561JX01#
			680pF	±5%	GCM31B5C3A681JX01#
		U2J	390pF	±5%	GCM31B7U3A391JX01#
			470pF	±5%	GCM31B7U3A471JX01#
			560pF	±5%	GCM31B7U3A561JX01#
			680pF	±5%	GCM31B7U3A681JX01#
	630Vdc	COG	2200pF	±5%	GCM31B5C2J222JX01#
			2700pF	±5%	GCM31B5C2J272JX01#
		U2J	2700pF	±5%	GCM31B7U2J272JX01#
			3300pF	±5%	GCM31B7U2J332JX01#
	250Vdc	COG	8200pF	±5%	GCM31B5C2E822JX01#
			10000pF	±5%	GCM31B5C2E103JX01#
			12000pF	±5%	GCM31B5C2E123JX01#
		U2J	6800pF	±5%	GCM31B7U2E682JX01#
			8200pF	±5%	GCM31B7U2E822JX01#
			10000pF	±5%	GCM31B7U2E103JX01#
1.8mm	1000Vdc	COG	820pF	±5%	GCM31C5C3A821JX03#
			1000pF	±5%	GCM31C5C3A102JX03#
		U2J	820pF	±5%	GCM31C7U3A821JX03#
			1000pF	±5%	GCM31C7U3A102JX03#
	630Vdc	C0G	3300pF	±5%	GCM31C5C2J332JX03#
		U2J	3900pF	±5%	GCM31C7U2J392JX03#
			4700pF	±5%	GCM31C7U2J472JX03#
	250Vdc	COG	15000pF	±5%	GCM31C5C2E153JX03#

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number	
1.0mm	630Vdc	U2J	2200pF	±5%	GCM32A7U2J222JX01#	
1.25mm	1000Vdc	U2J	1200pF	±5%	GCM32B7U3A122JX01#	
	630Vdc	U2J	5600pF	±5%	GCM32B7U2J562JX01#	
1.5mm	1000Vdc	U2J	1500pF	±5%	GCM32Q7U3A152JX01#	
	630Vdc	U2J	6800pF	±5%	GCM32Q7U2J682JX01#	
2.0mm	1000Vdc	U2J	1800pF	±5%	GCM32D7U3A182JX01#	
			2200pF	±5%	GCM32D7U3A222JX01#	
	630Vdc	U2J	8200pF	±5%	GCM32D7U2J822JX01#	
			10000pF	±5%	GCM32D7U2J103JX01#	

4.5×3.2mm

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number	
1.5mm	1000Vdc	U2J	2700pF	±5%	GCM43Q7U3A272JX01#	
			3300pF	±5%	GCM43Q7U3A332JX01#	
	630Vdc	U2J	12000pF	±5%	GCM43Q7U2J123JX01#	
2.0mm	1000Vdc	U2J	3900pF	±5%	GCM43D7U3A392JX01#	
			4700pF	±5%	GCM43D7U3A472JX01#	
	630Vdc	U2J	15000pF	±5%	GCM43D7U2J153JX01#	
			18000pF	±5%	GCM43D7U2J183JX01#	
			22000pF	±5%	GCM43D7U2J223JX01#	

5.7×5.0mm

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number	
1.5mm	1000Vdc	U2J	5600pF	±5%	GCM55Q7U3A562JX01#	
			6800pF	±5%	GCM55Q7U3A682JX01#	
	630Vdc	U2J	27000pF	±5%	GCM55Q7U2J273JX01#	
2.0mm	1000Vdc	U2J	8200pF	±5%	GCM55D7U3A822JX01#	
			10000pF	±5%	GCM55D7U3A103JX01#	
	630Vdc	U2J	33000pF	±5%	GCM55D7U2J333JX01#	
			39000pF	±5%	GCM55D7U2J393JX01#	
			47000pF	±5%	GCM55D7U2J473JX01#	

3.2×2.5mm

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number
1.0mm	630Vdc	U2J	1200pF	±5%	GCM32A7U2J122JX01#
			1500pF	±5%	GCM32A7U2J152JX01#
			1800pF	±5%	GCM32A7U2J182JX01#

GRT Series

GC3 Series

GCJ Series

GCD Series

GCE Series

NMF Series

KCM Series

KC3 Series

KCA Series

GCG Series

①Caution/ Notice

GCM Series

GC3 Series

GCJ Series

GCD Series

GCE Series

NMF Series

KCM Series

KC3 Series

KCA Series

GCG Series

GCM Series High Dielectric Constant Type 🚟 🚵 Part Number List

0.6×0.3mm

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number	
0.33mm	25Vdc	X7R	100pF	±10%	GCM033R71E101KA03#	
			150pF	±10%	GCM033R71E151KA03#	
			220pF	±10%	GCM033R71E221KA03#	
			330pF	±10%	GCM033R71E331KA03#	
			470pF	±10%	GCM033R71E471KA03#	
			680pF	±10%	GCM033R71E681KA03#	
			1000pF	±10%	GCM033R71E102KA03#	
			1500pF	±10%	GCM033R71E152KA03#	
			2200pF	±10%	GCM033R71E222KE02#	
			3300pF	±10%	GCM033R71E332KE02#	
	16Vdc	X7R	330pF	±10%	GCM033R71C331KA03#	
			680pF	±10%	GCM033R71C681KA03#	
			2200pF	±10%	GCM033R71C222KA55#	
			3300pF	±10%	GCM033R71C332KA55#	
	10Vdc	X7R	4700pF	±10%	GCM033R71A472KA03#	
			6800pF	±10%	GCM033R71A682KA03#	
			10000pF	±10%	GCM033R71A103KA03#	

1.0×0.5mm

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number	
0.55mm	100Vdc	X7R	220pF	±10%	GCM155R72A221KA37#	_
			330pF	±10%	GCM155R72A331KA37#	
			470pF	±10%	GCM155R72A471KA37#	_
			680pF	±10%	GCM155R72A681KA37#	_
			1000pF	±10%	GCM155R72A102KA37#	
			1500pF	±10%	GCM155R72A152KA37#	
			2200pF	±10%	GCM155R72A222KA37#	
			3300pF	±10%	GCM155R72A332KA37#	_
			4700pF	±10%	GCM155R72A472KA37#	_
	50Vdc	X8L	33000pF	±10%	GCM155L8EH333KE07#	
			47000pF	±10%	GCM155L8EH473KE07#	_
			68000pF	±10%	GCM155L8EH683KE07#	_
			0.10µF	±10%	GCM155L8EH104KE07#	
		X7R	220pF	±10%	GCM155R71H221KA37#	
			330pF	±10%	GCM155R71H331KA37#	
			470pF	±10%	GCM155R71H471KA37#	
			680pF	±10%	GCM155R71H681KA37#	
			1000pF	±10%	GCM155R71H102KA37#	
			1500pF	±10%	GCM155R71H152KA37#	
			2200pF	±10%	GCM155R71H222KA37#	
			3300pF	±10%	GCM155R71H332KA37#	_
			4700pF	±10%	GCM155R71H472KA37#	
			6800pF	±10%	GCM155R71H682KA55#	
			10000pF	±10%	GCM155R71H103KA55#	
			15000pF	±10%	GCM155R71H153KA55#	
			22000pF	±10%	GCM155R71H223KA55#	
			33000pF	±10%	GCM155R71H333KE02#	
			47000pF	±10%	GCM155R71H473KE02#	
			68000pF	±10%	GCM155R71H683KE02#	
			0.10µF	±10%	GCM155R71H104KE02#	_

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number	
0.55mm	25Vdc	X8L	0.10µF	±10%	GCM155L81E104KE02#	
		X7R	10000pF	±10%	GCM155R71E103KA37#	
			15000pF	±10%	GCM155R71E153KA55#	
			22000pF	±10%	GCM155R71E223KA55#	
			33000pF	±10%	GCM155R71E333KA55#	
			47000pF	±10%	GCM155R71E473KA55#	
	16Vdc	X7R	33000pF	±10%	GCM155R71C333KA37#	
			47000pF	±10%	GCM155R71C473KA37#	
			68000pF	±10%	GCM155R71C683KA55#	
			0.10µF	±10%	GCM155R71C104KA55#	
			0.15µF	±10%	GCM155R71C154KE02#	
			0.22µF	±10%	GCM155R71C224KE02#	
0.6mm	10Vdc	X7S	0.47µF	±10%	GCM155C71A474KE36#	
0.7mm	10Vdc	X7S	0.68µF	±10%	GCM155C71A684KE38#	
			1.0µF	±10%	GCM155C71A105KE38#	

1.6×0.8mm

т	Dubbl	то				
n max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number	
0.9mm	100Vdc	X7R	1000pF	±10%	GCM188R72A102KA37#	
			1500pF	±10%	GCM188R72A152KA37#	
			2200pF	±10%	GCM188R72A222KA37#	
			3300pF	±10%	GCM188R72A332KA37#	
			4700pF	±10%	GCM188R72A472KA37#	
			6800pF	±10%	GCM188R72A682KA37#	
			10000pF	±10%	GCM188R72A103KA37#	
			15000pF	±10%	GCM188R72A153KA37#	
			22000pF	±10%	GCM188R72A223KA37#	
	50Vdc	X7R	0.22µF	±10%	GCM188R71H224KA64#	
	25Vdc	X7R	0.22µF	±10%	GCM188R71E224KA55#	
			0.47µF	±10%	GCM188R71E474KA64#	
			1.0µF	±10%	GCM188R71E105KA64#	
	16Vdc	X7R	0.33µF	±10%	GCM188R71C334KA37#	
			0.47µF	±10%	GCM188R71C474KA55#	
			1.0µF	±10%	GCM188R71C105KA64#	
	6.3Vdc	X7R	2.2µF	±10%	GCM188R70J225KE22#	

2.0×1.25mm

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number
0.7mm	100Vdc	X7R	6800pF	±10%	GCM216R72A682KA37#
			10000pF	±10%	GCM216R72A103KA37#
			15000pF	±10%	GCM216R72A153KA37#
			22000pF	±10%	GCM216R72A223KA37#
0.95mm	100Vdc	X7R	33000pF	±10%	GCM219R72A333KA37#
	50Vdc	X7R	0.33µF	±10%	GCM219R71H334KA55#
	25Vdc	X7R	0.47µF	±10%	GCM219R71E474KA55#
	16Vdc	X7R	0.68µF	±10%	GCM219R71C684KA37#
			1.0µF	±10%	GCM219R71C105KA37#
1.4mm	100Vdc	X7R	47000pF	±10%	GCM21BR72A473KA37#
			68000pF	±10%	GCM21BR72A683KA37#
			0.10µF	±10%	GCM21BR72A104KA37#

Part number # indicates the package specification code.



①Caution
/Notice

GCM Series High Dielectric Constant Type Part Number List (→ 2.0×1.25mm)

T max.Rated VoltageTol.Part Number1.4mm50VdcX7R 0.47µF0.22µF110%GCM21BR71H224KA37#1.4mm50VdcX7R 0.47µF0.47µF110%GCM21BR71H105KA03#35VdcX8L2.2µF110%GCM21BR71H105KA03#135VdcX8L2.2µF110%GCM21BR7VA684KA55#11.0µF110%GCM21BR7VA684KA55#111.0µF110%GCM21BR7VA05KA55#11.5µF110%GCM21BR7VA05KA55#125VdcX8L1.5µF110%GCM21BR71E154KA37#0.68µF110%GCM21BR71E154KA37#10.3µF110%GCM21BR71E34KA37#10.3µF110%GCM21BR71E34KA37#10.68µF110%GCM21BR71E34KA37#10.68µF110%GCM21BR71E34KA37#11.0µF110%GCM21BR71E35KA54#11.0µF110%GCM21BR71E25KA73#110VdcX7R2.2µF110%GCM21BR71E25KA73#1.45mm100VdcX7R10µF110%GCM21BR71A106KE22#1.45mm100VdcX7R10µF110%GCM21BR71A105KE36#1.45mm100VdcX7S1.0µF110%GCM21BR71A105KE36#1.45mm100VdcX7S1.0µF110%GCM21BR71A105KE32#1.45mm100VdcX7S1.0µF110%GCM21BR71A105KE32#1.45mm100VdcX7S1.0µF110%GCM21BR71A1	(→ 2.0 ³	<1.25m	m)			
Image: Problem interpretation of the state of				Cap.	Tol.	Part Number
Image Image <thimage< th=""> <th< td=""><td>1.4mm</td><td>50Vdc</td><td>X7R</td><td>0.22µF</td><td>±10%</td><td>GCM21BR71H224KA37#</td></th<></thimage<>	1.4mm	50Vdc	X7R	0.22µF	±10%	GCM21BR71H224KA37#
35Vdc X8L 2.2 μ F ±10% GCM21BL8EG225KE07# X7R 0.68 μ F ±10% GCM21BR7VA684KA55# 1.0 μ F ±10% GCM21BR7VA155KA54# X7S 2.2 μ F ±10% GCM21BR7VA155KA54# X7S 2.2 μ F ±10% GCM21BC7VA225KE02# 25Vdc X8L 1.5 μ F ±10% GCM21BR71E154KA37# 25Vdc X8L 1.5 μ F ±10% GCM21BR71E154KA37# 0.33 μ F ±10% GCM21BR71E34KA37# 0.33 μ F 0.33 μ F ±10% GCM21BR71E34KA37# 0.68 μ F 0.68 μ F ±10% GCM21BR71E34KA37# 0.68 μ F 0.68 μ F ±10% GCM21BR71E05KA56# 1.0 μ F 1.0 μ F ±10% GCM21BR71E155KA54# 0.22 μ F 1.0 μ F ±10% GCM21BR71E225KA73# 0.22 μ F 1.0 μ F ±10% GCM21BR71C225KA64# 0.22 μ F 1.0 μ F ±10% GCM21BR71A225KA37# 0.04 μ F 10Vdc X7R 2.2 μ F ±10% <t< td=""><td></td><td></td><td></td><td>0.47µF</td><td>±10%</td><td>GCM21BR71H474KA55#</td></t<>				0.47µF	±10%	GCM21BR71H474KA55#
NTR 0.68µF ±10% GCM21BR7YA684KA55# $1.0µF$ ±10% GCM21BR7YA105KA55# $1.5µF$ ±10% GCM21BR7YA155KA54# X7S $2.2µF$ ±10% GCM21BR7YA155KA54# X7S $2.2µF$ ±10% GCM21BR7YA155KA54# Z5Vdc X8L $1.5µF$ ±10% GCM21BR71E154KA37# Q25Vdc X8L $1.5µF$ ±10% GCM21BR71E154KA37# Q.22µF ±10% GCM21BR71E334KA37# Q.33µF ±10% GCM21BR71E684KA55# Q.33µF ±10% GCM21BR71E05KA56# Q.68µF ±10% GCM21BR71E05KA56# Q.68µF ±10% GCM21BR71E105KA56# Q.68µF ±10% GCM21BR71E25KA7# Q.68µF ±10% GCM21BR71E25KA7# Q.22µF ±10% GCM21BR71E25KA5# Q.22µF 10µF ±10% GCM21BR71E25KA5## Q.22µF ±10% GCM21BR71E25KA5## Q.22µF 16Vdc X7R 2.2µF ±10% GCM21BR71A225KA37# Q.22µF 10% GCM21BR71A106KE22#				1.0µF	±10%	GCM21BR71H105KA03#
1.0μ F $\pm 10\%$ GCM21BR7YA105KA55# 1.5μ F $\pm 10\%$ GCM21BR7YA155KA54# X7S 2.2μ F $\pm 10\%$ GCM21BR7YA155KA54# X7S 2.2μ F $\pm 10\%$ GCM21BC7YA225KE02# 25Vdc X8L 1.5μ F $\pm 10\%$ GCM21BC7YA25KA07# X7R 0.15μ F $\pm 10\%$ GCM21BR71E154KA37# 0.22μ F 0.33μ F $\pm 10\%$ GCM21BR71E334KA37# 0.33μ F 0.33μ F $\pm 10\%$ GCM21BR71E34KA37# 0.68μ F 0.68μ F $\pm 10\%$ GCM21BR71E34KA37# 0.68μ F 1.0μ F $\pm 10\%$ GCM21BR71E105KA56# 0.68μ F 1.0μ F $\pm 10\%$ GCM21BR71E105KA56# 0.68μ F 1.0μ F $\pm 10\%$ GCM21BR71E105KA56# 0.68μ F 1.0μ F $\pm 10\%$ GCM21BR71E155KA54# 0.68μ F 1.0μ F $\pm 10\%$ GCM21BR71E155KA54# 0.04π F 1.0μ F $\pm 10\%$ GCM21BR71E25KA64# 0.04π F 1.0μ F $\pm 10\%$ GCM21BR71C475KA73#		35Vdc	X8L	2.2µF	±10%	GCM21BL8EG225KE07#
$1.5 \mu F$ $\pm 10\%$ GCM21BR7YA155KA54# X75 $2.2 \mu F$ $\pm 10\%$ GCM21BC7YA225KE02# 25Vdc X8L $1.5 \mu F$ $\pm 10\%$ GCM21BL8EF155KA07# 25Vdc X8L $1.5 \mu F$ $\pm 10\%$ GCM21BR71E154KA37# 0.22 μF $\pm 10\%$ GCM21BR71E154KA37# 0.33 μF 0.33 μF $\pm 10\%$ GCM21BR71E334KA37# 0.33 μF 0.68 μF $\pm 10\%$ GCM21BR71E334KA37# 0.33 μF 0.68 μF $\pm 10\%$ GCM21BR71E05KA56# 1.0 μF 1.0 μF $\pm 10\%$ GCM21BR71E105KA56# 1.0 μF 1.0 μF $\pm 10\%$ GCM21BR71E105KA56# 1.0 μF 1.0 μF $\pm 10\%$ GCM21BR71E105KA56# 1.0 μF 1.0 μF $\pm 10\%$ GCM21BR71E225KA67# 1.0 μF 10 μF $\pm 10\%$ GCM21BR71C255KA64# 1.0 μF 10 μF $\pm 10\%$ GCM21BR71C475KA73# 10 μF 10 μF $\pm 10\%$ GCM21BR71A106KE22# 10 μF 10 μF </td <td></td> <td></td> <td>X7R</td> <td>0.68µF</td> <td>±10%</td> <td>GCM21BR7YA684KA55#</td>			X7R	0.68µF	±10%	GCM21BR7YA684KA55#
				1.0µF	±10%	GCM21BR7YA105KA55#
$ \begin{array}{ c c c c c c c } 25 \mbox{Vd} & X8 \mbox{L} & 1.5 \mbox{\mu} \mbox{F} & \pm 10\% & \mbox{G} \mbox{C} \mbox{L} \\ 25 \mbox{Vd} & X8 \mbox{L} & 1.5 \mbox{\mu} \mbox{F} & \pm 10\% & \mbox{G} \mbox{C} \mbox{L} \\ 22 \mbox{\mu} \mbox{F} & \pm 10\% & \mbox{G} \mbox{C} \mbox{L} \\ 22 \mbox{\mu} \mbox{F} & \pm 10\% & \mbox{G} \mbox{C} \mbox{L} \\ 22 \mbox{\mu} \mbox{F} & \pm 10\% & \mbox{G} \mbox{C} \mbox{L} \\ 23 \mbox{\mu} \mbox{F} & \pm 10\% & \mbox{G} \mbox{C} \mbox{L} \\ 33 \mbox{\mu} \mbox{F} & \pm 10\% & \mbox{G} \mbox{C} \mbox{L} \\ 33 \mbox{\mu} \mbox{F} & \pm 10\% & \mbox{G} \mbox{C} \mbox{L} \\ 1.5 \mbox{\mu} \mbox{F} & \pm 10\% & \mbox{G} \mbox{C} \mbox{L} \\ 1.5 \mbox{\mu} \mbox{F} & \pm 10\% & \mbox{G} \mbox{C} \mbox{L} \\ 1.5 \mbox{\mu} \mbox{F} & \pm 10\% & \mbox{G} \mbox{C} \mbox{L} \\ 1.5 \mbox{\mu} \mbox{F} & \pm 10\% & \mbox{G} \mbox{C} \mbox{L} \\ 1.5 \mbox{\mu} \mbox{F} & \pm 10\% & \mbox{G} \mbox{C} \mbox{L} \\ 1.5 \mbox{\mu} \mbox{F} & \pm 10\% & \mbox{G} \mbox{C} \mbox{L} \\ 1.6 \mbox{V} \mbox{H} & \mbox{L} \\ 16 \mbox{V} \mbox{V} \mbox{R} & \mbox{Z} \mbox{L} \\ 2.2 \mbox{\mu} \mbox{F} & \pm 10\% & \mbox{G} \mbox{C} \mbox{L} \\ 1.6 \mbox{V} \mbox{H} & \mbox{L} \\ 10 \mbox{V} \mbox{H} & \mbox{L} \\ 10 \mbox{\mu} \mbox{H} \mbox{H} \\ 10 \mbox{\mu} \mbox{H} & \mbox{L} \\ 10 \mbox{H} \mbox{H} \mbox{H} \\ 10 \mbox{H} \mbox{H} \mbox{H} \mbox{H} \\ 10 \mbox{H} \mbox$				1.5µF	±10%	GCM21BR7YA155KA54#
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $			X7S	2.2µF	±10%	GCM21BC7YA225KE02#
$ \begin{array}{c c c c c c c c c } & 10\% & GCM21BR71E224KA37# & 0.22\muF & 10\% & GCM21BR71E334KA37# & 0.33\muF & 10\% & GCM21BR71E334KA37# & 0.68\muF & 110\% & GCM21BR71E684KA55# & 0.68\muF & 110\% & GCM21BR71E05KA56# & 0.5\muF & 110\% & GCM21BR71E155KA54# & 0.5\muF & 110\% & GCM21BR71E155KA54# & 0.5\muF & 110\% & GCM21BR71E225KA73# & 0.5\muF & 110\% & GCM21BR71C225KA64# & 0.5\muF & 110\% & GCM21BR71C475KA73# & 0.5\muF & 110\% & GCM21BR71A225KA37# & 0.5\muF & 110\% & GCM21BR71A106KE22# & 0.5\muF & 110\% & GCM21BR71A106KE22# & 0.5\muF & 110\% & GCM21BR71A106KE22# & 0.5\muF & 110\% & GCM21BR70J106KE22# & 0.5\muF & 110\% & GCM21BR70J106KE22# & 0.5\muF & 110\% & GCM21BL8EG475KE08# & 0.5\muF & 110\% & GCM21BL8EG475KE08# & 0.5\muF & 110\% & GCM21BL8EF475KE08# & 0.5\muF & 0.5$		25Vdc	X8L	1.5µF	±10%	GCM21BL8EF155KA07#
$ \begin{array}{ c c c c c c c } & 0.33 \mu \mbox{F} & \pm 10\% & \mbox{GCM21BR71E334KA37#} & & \\ \hline 0.68 \mu \mbox{F} & \pm 10\% & \mbox{GCM21BR71E684KA55#} & \\ \hline 1.0 \mu \mbox{F} & \pm 10\% & \mbox{GCM21BR71E105KA56#} & \\ \hline 1.0 \mu \mbox{F} & \pm 10\% & \mbox{GCM21BR71E155KA54#} & \\ \hline 1.5 \mu \mbox{F} & \pm 10\% & \mbox{GCM21BR71E25KA73#} & \\ \hline 1.5 \mu \mbox{F} & \pm 10\% & \mbox{GCM21BR71E225KA73#} & \\ \hline 1.6 \mbox{VC} & \mbox{Z} \mbox{F} & \pm 10\% & \mbox{GCM21BR71E225KA73#} & \\ \hline 16 \mbox{VC} & \mbox{Z} \mbox{F} & \pm 10\% & \mbox{GCM21BR71C225KA64#} & \\ \hline 10 \mbox{VC} & \mbox{Z} \mbox{R} & \mbox{2.2 } \mu \mbox{F} & \pm 10\% & \mbox{GCM21BR71A225KA37#} & \\ \hline 10 \mbox{VC} & \mbox{Z} \mbox{R} & \mbox{2.2 } \mu \mbox{F} & \pm 10\% & \mbox{GCM21BR71A225KA37#} & \\ \hline 10 \mbox{VC} & \mbox{Z} \mbox{R} & \mbox{1.0 } \mu \mbox{F} & \pm 10\% & \mbox{GCM21BR71A106KE22#} & \\ \hline 1.45 \mbox{m} & \mbox{100Vc} & \mbox{X} \mbox{R} & \mbox{1.0 } \mu \mbox{F} & \pm 10\% & \mbox{GCM21BR70J106KE22#} & \\ \hline 1.45 \mbox{m} & \mbox{100Vc} & \mbox{X} \mbox{S} & \mbox{1.0 } \mu \mbox{F} & \pm 10\% & \mbox{GCM21BR70J106KE22#} & \\ \hline 1.45 \mbox{m} & \mbox{100Vc} & \mbox{X} \mbox{S} & \mbox{1.0 } \mu \mbox{F} & \pm 10\% & \mbox{GCM21BL8EG475KE08#} & \\ \hline 25 \mbox{VC} & \mbox{X8L} & \mbox{4.7 } \mu \mbox{F} & \pm 10\% & \mbox{GCM21BL8EF475KE08#} & \\ \hline 25 \mbox{VC} & \mbox{X8L} & \mbox{4.7 } \mu \mbox{F} & \pm 10\% & \mbox{GCM21BL8EF475KE08#} & \\ \hline 25 \mbox{VC} & \mbox{X8L} & \mbox{4.7 } \mu \mbox{F} & \pm 10\% & \mbox{GCM21BL8EF475KE08#} & \\ \hline \end{tabular} & ta$			X7R	0.15µF	±10%	GCM21BR71E154KA37#
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$				0.22µF	±10%	GCM21BR71E224KA37#
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $				0.33µF	±10%	GCM21BR71E334KA37#
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $				0.68µF	±10%	GCM21BR71E684KA55#
$ \begin{array}{ c c c c c } \hline & & & & & & & & & & & & & & & & & & $				1.0µF	±10%	GCM21BR71E105KA56#
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$				1.5µF	±10%	GCM21BR71E155KA54#
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $				2.2µF	±10%	GCM21BR71E225KA73#
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		16Vdc	X7R	2.2µF	±10%	GCM21BR71C225KA64#
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $				4.7µF	±10%	GCM21BR71C475KA73#
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		10Vdc	X7R	2.2µF	±10%	GCM21BR71A225KA37#
				10µF	±10%	GCM21BR71A106KE22#
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$			X7S	4.7µF	±10%	GCM21BC71A475KA73#
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		6.3Vdc	X7R	10µF	±10%	GCM21BR70J106KE22#
X7S 4.7μF ±10% GCM21BC7YA475KE36# 25Vdc X8L 4.7μF ±10% GCM21BL8EF475KE08# X7S 4.7μF ±10% GCM21BC71E475KE36#	1.45mm	100Vdc	X7S	1.0µF	±10%	GCM21BC72A105KE36#
25Vdc X8L 4.7μF ±10% GCM21BL8EF475KE08# X7S 4.7μF ±10% GCM21BC71E475KE36#		35Vdc	X8L	4.7µF	±10%	GCM21BL8EG475KE08#
X7S 4.7μF ±10% GCM21BC71E475KE36#			X75	4.7µF	±10%	GCM21BC7YA475KE36#
		25Vdc	X8L	4.7µF	±10%	GCM21BL8EF475KE08#
16Vdc X7S 10μF ±10% GCM21BC71C106KE36#			X75	4.7µF	±10%	GCM21BC71E475KE36#
		16Vdc	X7S	10µF	±10%	GCM21BC71C106KE36#

3.2×2.5mm

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number
2.2mm	100Vdc	X8L	4.7µF	±10%	GCM32DL8EL475KE07#
		X7S	4.7µF	±10%	GCM32DC72A475KE02#
	16Vdc	X7R	10µF	±10%	GCM32DR71C106KA37#
2.7mm	50Vdc	X8L	10µF	±10%	GCM32EL8EH106KA07#
		X7R	4.7µF	±10%	GCM32ER71H475KA55#
		X7S	10µF	±10%	GCM32EC71H106KA03#
	35Vdc	X7S	10µF	±10%	GCM32EC7YA106KA03#
	25Vdc	X7R	10µF	±10%	GCM32ER71E106KA57#
	16Vdc	X7R	22µF	±20%	GCM32ER71C226ME19#
	10Vdc	X7R	22µF	±20%	GCM32ER71A226ME12#
	6.3Vdc	X7R	47µF	±20%	GCM32ER70J476ME19#
2.85mm	25Vdc	X8L	22µF	±10%	GCM32EL8EF226KE08#
		X7S	22µF	±10%	GCM32EC71E226KE36#

3.2×1.6mm

T max.	Rated Voltage	TC Code	Cap.	Tol.	Part Number
25mm	100Vdc	X7R	0.22µF	±10%	GCM31MR72A224KA37#
	50Vdc	X7R	0.33µF	±10%	GCM31MR71H334KA37#
			0.47µF	±10%	GCM31MR71H474KA37#
			0.68µF	±10%	GCM31MR71H684KA55#
1.8mm	100Vdc	X8L	2.2µF	±10%	GCM31CL8EL225KE07#
		X7R	1.0µF	±10%	GCM31CR72A105KA03#
		X7S	2.2µF	±10%	GCM31CC72A225KE02#
	50Vdc	X7R	2.2µF	±10%	GCM31CR71H225KA55#
		X7S	4.7µF	±10%	GCM31CC71H475KA03#
	25Vdc	X7R	4.7µF	±10%	GCM31CR71E475KA55#
	16Vdc	X7R	4.7µF	±10%	GCM31CR71C475KA37#
			10µF	±10%	GCM31CR71C106KA64#
	10Vdc	X7R	10µF	±10%	GCM31CR71A106KA64#
			22µF	±10%	GCM31CR71A226KE02#
	6.3Vdc	X7R	22µF	±20%	GCM31CR70J226ME23#
1.9mm	25Vdc	X7S	10µF	±10%	GCM31CC71E106KA03#

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