



*Holy Stone Enterprise Co., Ltd.*

# CERAMIC CAPACITOR CATALOG

## **MVC Series**

**Commerical grade**

**Middle Voltage**

**100V to 630V**

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# Multilayer Ceramic Chip Capacitors

## [ Middle Voltage NP0 and X7R Capacitors ]

### MVC Series



Holy Stone middle voltage products are designed and manufactured to meet the general requirements of international standards. The product offering is well suited for commercial and industrial applications and includes NP0 (C0G) and X7R characteristics in sizes 0603 to 2225 and with working voltages up to 630V.

#### ◆ Features

- Special internal electrode design offers the highest voltage rating
- Surface mount suitable for wave and reflow soldering
- High reliability
- RoHS compliant

#### ◆ Applications

- Suitable for LAN/WLAN interface, Back-Lighting Inverter, DC-DC Converters, Ballast, Modems and Power Supplies.

#### ◆ Summary of Specifications

|                         |   |
|-------------------------|---|
| Operation Temperature   | -55 °C ~ +125 °C  |
| Rated Voltage           | 100Vdc to 630Vdc  |
| Temperature Coefficient | NP0 : $\pm 30\text{ppm}/^\circ\text{C}$ , -55 °C ~ +125 °C (EIA Class I ) |
|                         | X7R : $\pm 15\%$ , -55 °C ~ +125 °C (EIA Class II )                       |
| Dissipation Factor      | NP0 : $Q \geq 1000$ , X7R : D.F. $\leq 2.5\%$                             |
| Insulation Resistance   | 10G $\Omega$ or 500/C $\Omega$ whichever is smaller                       |
| Aging                   | NP0 : 0% , X7R : Typically 2.5% per decade of time                        |
| Dielectric Strength     | 100V $\leq V < 500V$ : 200% Rated Voltage                                 |
|                         | 500V $\leq V < 1000V$ : 150% Rated Voltage                                |

#### ◆ How To Order

C
1206
X
102
K
631
T
X

| Product Code                                   | Chip Size   | Dielectric               | Capacitance Unit : pF                                       | Tolerance   | Rated Voltage  | Packaging                          | Special Requirement  |
|--|---|--------------------------|---|---|--|------------------------------------|--|
| C: MLCC (Multilayer Ceramic Chip of Capacitor) | Ex.: 0603<br>0805<br>1206<br>1210<br>1808<br>1812<br>1825<br>2220<br>2225 | Ex.:<br>N: NP0<br>X: X7R | Ex.:<br>2R0:2.0pF<br>100:10x100<br>471:47x101<br>102:10x102 | Ex.:<br>C: +/-0.25pF<br>D: +/-0.50pF<br>J : +/- 5%<br>K : +/-10%<br>M: +/-20% | Ex.:<br>101: 100Vdc<br>251: 250Vdc<br>501: 500Vdc<br>631: 630Vdc | T: T/R 7"<br>R: T/R 13"<br>B: Bulk | Ex.:<br>O: Arc Prevention Coating<br>X: Polymer Termination (Super Term) |

# Capacitance Range Chart

Temperature Coefficient – NPO ( 0 ± 30ppm/°C )

| Temperature Characteristic | Size | Rated Voltage | Capacitance Range (pF) |     |     |     |     |     |     |     |     |     |          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|----------------------------|------|---------------|------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|                            |      |               | 2R0                    | 3R3 | 3R9 | 5R0 | 8R2 | 100 | 120 | 150 | 180 | 220 | 270      | 330 | 390 | 470 | 560 | 680 | 820 | 101 | 121 | 151 | 181 | 221 | 271 | 331 | 391 | 471 | 561 | 681 | 821 | 102 | 122 | 152 | 182 | 222 | 272 | 332 | 392 | 472 | 562 | 682 | 822 | 103 | 123 | 153 | 183 | 223 | 273 | 333 | 393 | 473 |
| NPO                        | 0603 | 100V          | [Shaded]               |     |     |     |     |     |     |     |     |     | [White]  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                            |      | 200V          | [Shaded]               |     |     |     |     |     |     |     |     |     | [White]  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                            |      | 250V          | [Shaded]               |     |     |     |     |     |     |     |     |     | [White]  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                            | 0805 | 100V          | [Shaded]               |     |     |     |     |     |     |     |     |     | [White]  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                            |      | 200V          | [Shaded]               |     |     |     |     |     |     |     |     |     | [White]  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                            |      | 250V          | [Shaded]               |     |     |     |     |     |     |     |     |     | [White]  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                            |      | 500V          | [Shaded]               |     |     |     |     |     |     |     |     |     | [White]  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                            | 1206 | 100V          | [Shaded]               |     |     |     |     |     |     |     |     |     | [White]  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                            |      | 200V          | [Shaded]               |     |     |     |     |     |     |     |     |     | [White]  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                            |      | 250V          | [Shaded]               |     |     |     |     |     |     |     |     |     | [White]  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                            |      | 500V          | [Shaded]               |     |     |     |     |     |     |     |     |     | [White]  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                            |      | 630V          | [Shaded]               |     |     |     |     |     |     |     |     |     | [White]  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                            | 1210 | 100V          | [Shaded]               |     |     |     |     |     |     |     |     |     | [White]  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                            |      | 200V          | [Shaded]               |     |     |     |     |     |     |     |     |     | [White]  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                            |      | 250V          | [Shaded]               |     |     |     |     |     |     |     |     |     | [White]  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                            |      | 500V          | [Shaded]               |     |     |     |     |     |     |     |     |     | [White]  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                            |      | 630V          | [Shaded]               |     |     |     |     |     |     |     |     |     | [White]  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                            | 1808 | 500V          | [Shaded]               |     |     |     |     |     |     |     |     |     | [White]  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                            |      | 630V          | [Shaded]               |     |     |     |     |     |     |     |     |     | [White]  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                            | 1812 | 100V          | [White]                |     |     |     |     |     |     |     |     |     | [Shaded] |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                            |      | 200V          | [White]                |     |     |     |     |     |     |     |     |     | [Shaded] |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                            |      | 250V          | [White]                |     |     |     |     |     |     |     |     |     | [Shaded] |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                            |      | 500V          | [White]                |     |     |     |     |     |     |     |     |     | [Shaded] |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                            |      | 630V          | [White]                |     |     |     |     |     |     |     |     |     | [Shaded] |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                            | 1825 | 100V          | [White]                |     |     |     |     |     |     |     |     |     | [Shaded] |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                            |      | 200V          | [White]                |     |     |     |     |     |     |     |     |     | [Shaded] |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                            |      | 250V          | [White]                |     |     |     |     |     |     |     |     |     | [Shaded] |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                            |      | 500V          | [White]                |     |     |     |     |     |     |     |     |     | [Shaded] |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                            |      | 630V          | [White]                |     |     |     |     |     |     |     |     |     | [Shaded] |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                            | 2220 | 100V          | [White]                |     |     |     |     |     |     |     |     |     | [Shaded] |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                            |      | 200V          | [White]                |     |     |     |     |     |     |     |     |     | [Shaded] |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                            |      | 250V          | [White]                |     |     |     |     |     |     |     |     |     | [Shaded] |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                            |      | 630V          | [White]                |     |     |     |     |     |     |     |     |     | [Shaded] |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                            | 2225 | 100V          | [White]                |     |     |     |     |     |     |     |     |     | [Shaded] |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                            |      | 200V          | [White]                |     |     |     |     |     |     |     |     |     | [Shaded] |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                            |      | 250V          | [White]                |     |     |     |     |     |     |     |     |     | [Shaded] |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                            |      | 630V          | [White]                |     |     |     |     |     |     |     |     |     | [Shaded] |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |





| Cap            | Size | Thickness            | Cap. Tol. | Catalog Number         |                        |                        |
|----------------|------|----------------------|-----------|------------------------|------------------------|------------------------|
|                |      |                      |           | Rated Voltage Vdc 100V | Rated Voltage Vdc 200V | Rated Voltage Vdc 250V |
| 2R0<br>(2.0pF) | 0603 | B/0.85±0.15mm        | J         | C0603N2R0J101T         | C0603N2R0J201T         | C0603N2R0J251T         |
|                | 0805 | B/0.85±0.15mm        | J         | C0805N2R0J101T         | C0805N2R0J201T         | C0805N2R0J251T         |
|                | 1206 | C/1.0 +0.1mm -0.05mm | J         | C1206N2R0J101T         | C1206N2R0J201T         | C1206N2R0J251T         |
| 3R3<br>(3.3pF) | 0603 | B/0.85±0.15mm        | J         | C0603N3R3J101T         | C0603N3R3J201T         | C0603N3R3J251T         |
|                | 0805 | B/0.85±0.15mm        | J         | C0805N3R3J101T         | C0805N3R3J201T         | C0805N3R3J251T         |
|                | 1206 | C/1.0 +0.1mm -0.05mm | J         | C1206N3R3J101T         | C1206N3R3J201T         | C1206N3R3J251T         |
| 3R9<br>(3.9pF) | 0603 | B/0.85±0.15mm        | J         | C0603N3R9J101T         | C0603N3R9J201T         | C0603N3R9J251T         |
|                | 0805 | B/0.85±0.15mm        | J         | C0805N3R9J101T         | C0805N3R9J201T         | C0805N3R9J251T         |
|                | 1206 | C/1.0 +0.1mm -0.05mm | J         | C1206N3R9J101T         | C1206N3R9J201T         | C1206N3R9J251T         |
| 5R0<br>(5.0pF) | 0603 | B/0.85±0.15mm        | J         | C0603N5R0J101T         | C0603N5R0J201T         | C0603N5R0J251T         |
|                | 0805 | B/0.85±0.15mm        | J         | C0805N5R0J101T         | C0805N5R0J201T         | C0805N5R0J251T         |
|                | 1206 | C/1.0 +0.1mm -0.05mm | J         | C1206N5R0J101T         | C1206N5R0J201T         | C1206N5R0J251T         |
| 8R2<br>(8.2pF) | 0603 | B/0.85±0.15mm        | J         | C0603N8R2J101T         | C0603N8R2J201T         | C0603N8R2J251T         |
|                | 0805 | B/0.85±0.15mm        | J         | C0805N8R2J101T         | C0805N8R2J201T         | C0805N8R2J251T         |
|                | 1206 | C/1.0 +0.1mm -0.05mm | J         | C1206N8R2J101T         | C1206N8R2J201T         | C1206N8R2J251T         |
| 100<br>(10pF)  | 0603 | B/0.85±0.15mm        | J         | C0603N100J101T         | C0603N100J201T         | C0603N100J251T         |
|                | 0805 | A/0.6±0.1mm          | J         | C0805N100J101T         | C0805N100J201T         | C0805N100J251T         |
|                | 0805 | B/0.85±0.15mm        | J         | C0805N100J101T         | C0805N100J201T         | C0805N100J251T         |
|                | 1206 | C/1.0 +0.1mm -0.05mm | J         | C1206N100J101T         | C1206N100J201T         | C1206N100J251T         |
|                | 1210 | C/1.0 +0.1mm -0.05mm | J         | C1210N100J101T         | C1210N100J201T         | C1210N100J251T         |
| 120<br>(12pF)  | 0603 | B/0.85±0.15mm        | J         | C0603N120J101T         | C0603N120J201T         | C0603N120J251T         |
|                | 0805 | A/0.6±0.1mm          | J         | C0805N120J101T         | C0805N120J201T         | C0805N120J251T         |
|                | 1206 | C/1.0 +0.1mm -0.05mm | J         | C1206N120J101T         | C1206N120J201T         | C1206N120J251T         |
|                | 1210 | C/1.0 +0.1mm -0.05mm | J         | C1210N120J101T         | C1210N120J201T         | C1210N120J251T         |
| 150<br>(15pF)  | 0603 | B/0.85±0.15mm        | J         | C0603N150J101T         | C0603N150J201T         | C0603N150J251T         |
|                | 0805 | A/0.6±0.1mm          | J         | C0805N150J101T         | C0805N150J201T         | C0805N150J251T         |
|                | 0805 | B/0.85±0.15mm        | J         | C0805N150J101T         |                        | C0805N150J251T         |
|                | 1206 | C/1.0 +0.1mm -0.05mm | J         | C1206N150J101T         | C1206N150J201T         | C1206N150J251T         |
|                | 1210 | C/1.0 +0.1mm -0.05mm | J         | C1210N150J101T         | C1210N150J201T         | C1210N150J251T         |
| 180<br>(18pF)  | 0603 | B/0.85±0.15mm        | J         | C0603N180J101T         | C0603N180J201T         | C0603N180J251T         |
|                | 0805 | A/0.6±0.1mm          | J         | C0805N180J101T         | C0805N180J201T         | C0805N180J251T         |
|                | 0805 | B/0.85±0.15mm        | J         | C0805N180J101T         | C0805N180J201T         |                        |
|                | 1206 | B/0.85±0.15mm        | J         | C1206N180J101T         | C1206N180J201T         | C1206N180J251T         |
|                | 1210 | C/1.0 +0.1mm -0.05mm | J         | C1210N180J101T         | C1210N180J201T         | C1210N180J251T         |
| 220<br>(22pF)  | 0603 | B/0.85±0.15mm        | J         | C0603N220J101T         | C0603N220J201T         | C0603N220J251T         |
|                | 0805 | A/0.6±0.1mm          | J         | C0805N220J101T         | C0805N220J201T         | C0805N220J251T         |
|                | 1206 | B/0.85±0.15mm        | J         | C1206N220J101T         | C1206N220J201T         | C1206N220J251T         |
|                | 1210 | C/1.0 +0.1mm -0.05mm | J         | C1210N220J101T         | C1210N220J201T         | C1210N220J251T         |
| 270<br>(27pF)  | 0603 | B/0.85±0.15mm        | J         | C0603N270J101T         | C0603N270J201T         | C0603N270J251T         |
|                | 0805 | A/0.6±0.1mm          | J         | C0805N270J101T         | C0805N270J201T         | C0805N270J251T         |
|                | 0805 | B/0.85±0.15mm        | J         | C0805N270J101T         | C0805N270J201T         | C0805N270J251T         |
|                | 1206 | B/0.85±0.15mm        | J         | C1206N270J101T         | C1206N270J201T         | C1206N270J251T         |
|                | 1210 | C/1.0 +0.1mm -0.05mm | J         | C1210N270J101T         | C1210N270J201T         | C1210N270J251T         |

| Cap            | Size           | Thickness            | Cap. Tol.      | Catalog Number         |                        |                        |
|----------------|----------------|----------------------|----------------|------------------------|------------------------|------------------------|
|                |                |                      |                | Rated Voltage Vdc 100V | Rated Voltage Vdc 200V | Rated Voltage Vdc 250V |
| 330<br>(33pF)  | 0603           | B/0.85±0.15mm        | J              | C0603N330J101T         | C0603N330J201T         | C0603N330J251T         |
|                | 0805           | A/0.6±0.1mm          | J              | C0805N330J101T         | C0805N330J201T         | C0805N330J251T         |
|                | 0805           | B/0.85±0.15mm        | J              | C0805N330J101T         | C0805N330J201T         | C0805N330J251T         |
|                | 1206           | B/0.85±0.15mm        | J              | C1206N330J101T         | C1206N330J201T         | C1206N330J251T         |
|                | 1210           | C/1.0 +0.1mm -0.05mm | J              | C1210N330J101T         | C1210N330J201T         | C1210N330J251T         |
| 390<br>(39pF)  | 0603           | B/0.85±0.15mm        | J              | C0603N390J101T         | C0603N390J201T         | C0603N390J251T         |
|                | 0805           | A/0.6±0.1mm          | J              | C0805N390J101T         | C0805N390J201T         | C0805N390J251T         |
|                | 0805           | B/0.85±0.15mm        | J              |                        |                        | C0805N390J251T         |
|                | 1206           | B/0.85±0.15mm        | J              | C1206N390J101T         | C1206N390J201T         | C1206N390J251T         |
|                | 1210           | C/1.0 +0.1mm -0.05mm | J              | C1210N390J101T         | C1210N390J201T         | C1210N390J251T         |
| 470<br>(47pF)  | 0603           | B/0.85±0.15mm        | J              | C0603N470J101T         | C0603N470J201T         | C0603N470J251T         |
|                | 0805           | A/0.6±0.1mm          | J              | C0805N470J101T         | C0805N470J201T         | C0805N470J251T         |
|                | 0805           | B/0.85±0.15mm        | J              | C0805N470J101T         | C0805N470J201T         |                        |
|                | 1206           | B/0.85±0.15mm        | J              | C1206N470J101T         | C1206N470J201T         | C1206N470J251T         |
|                | 1206           | C/1.0 +0.1mm -0.05mm | J              | C1206N470J101T         | C1206N470J201T         | C1206N470J251T         |
| 560<br>(56pF)  | 1210           | C/1.0 +0.1mm -0.05mm | J              | C1210N470J101T         | C1210N470J201T         | C1210N470J251T         |
|                | 0603           | B/0.85±0.15mm        | J              | C0603N560J101T         | C0603N560J201T         | C0603N560J251T         |
|                | 0805           | A/0.6±0.1mm          | J              | C0805N560J101T         | C0805N560J201T         | C0805N560J251T         |
|                | 0805           | B/0.85±0.15mm        | J              | C0805N560J101T         | C0805N560J201T         | C0805N560J251T         |
|                | 1206           | B/0.85±0.15mm        | J              | C1206N560J101T         | C1206N560J201T         | C1206N560J251T         |
| 680<br>(68pF)  | 1206           | C/1.0 +0.1mm -0.05mm | J              | C1206N560J101T         |                        |                        |
|                | 1210           | C/1.0 +0.1mm -0.05mm | J              | C1210N560J101T         | C1210N560J201T         | C1210N560J251T         |
|                | 0603           | B/0.85±0.15mm        | J              | C0603N680J101T         | C0603N680J201T         | C0603N680J251T         |
|                | 0805           | A/0.6±0.1mm          | J              | C0805N680J101T         | C0805N680J201T         | C0805N680J251T         |
|                | 0805           | B/0.85±0.15mm        | J              |                        | C0805N680J201T         | C0805N680J251T         |
| 820<br>(82pF)  | 1206           | B/0.85±0.15mm        | J              | C1206N680J101T         | C1206N680J201T         | C1206N680J251T         |
|                | 1206           | C/1.0 +0.1mm -0.05mm | J              |                        |                        | C1206N680J251T         |
|                | 1210           | C/1.0 +0.1mm -0.05mm | J              | C1210N680J101T         | C1210N680J201T         | C1210N680J251T         |
|                | 1812           | D/1.25±0.2mm         | J              | C1812N680J101T         | C1812N680J201T         | C1812N680J251T         |
|                | 101<br>(100pF) | 0603                 | B/0.85±0.15mm  | J                      | C0603N820J101T         | C0603N820J201T         |
| 0805           |                | B/0.85±0.15mm        | J              | C0805N820J101T         | C0805N820J201T         | C0805N820J251T         |
| 1206           |                | B/0.85±0.15mm        | J              | C1206N820J101T         | C1206N820J201T         | C1206N820J251T         |
| 1210           |                | C/1.0 +0.1mm -0.05mm | J              | C1210N820J101T         | C1210N820J201T         | C1210N820J251T         |
| 1812           |                | D/1.25±0.2mm         | J              | C1812N820J101T         | C1812N820J201T         | C1812N820J251T         |
| 121<br>(120pF) | 0603           | B/0.85±0.15mm        | J              | C0603N101J101T         | C0603N101J201T         | C0603N101J251T         |
|                | 0805           | B/0.85±0.15mm        | J              | C0805N101J101T         | C0805N101J201T         | C0805N101J251T         |
|                | 1206           | B/0.85±0.15mm        | J              | C1206N101J101T         | C1206N101J201T         | C1206N101J251T         |
|                | 1206           | C/1.0 +0.1mm -0.05mm | J              |                        | C1206N101J201T         | C1206N101J251T         |
|                | 1210           | C/1.0 +0.1mm -0.05mm | J              | C1210N101J101T         | C1210N101J201T         | C1210N101J251T         |
| 121<br>(120pF) | 1812           | D/1.25±0.2mm         | J              | C1812N101J101T         | C1812N101J201T         | C1812N101J251T         |
|                | 0603           | B/0.85±0.15mm        | J              | C0603N121J101T         | C0603N121J201T         | C0603N121J251T         |
|                | 0805           | B/0.85±0.15mm        | J              | C0805N121J101T         | C0805N121J201T         | C0805N121J251T         |
|                | 1206           | B/0.85±0.15mm        | J              | C1206N121J101T         | C1206N121J201T         | C1206N121J251T         |
|                | 1210           | C/1.0 +0.1mm -0.05mm | J              | C1210N121J101T         | C1210N121J201T         | C1210N121J251T         |
| 1812           | D/1.25±0.2mm   | J                    | C1812N121J101T | C1812N121J201T         | C1812N121J251T         |                        |

| Cap            | Size | Thickness            | Cap. Tol. | Catalog Number         |                        |                        |
|----------------|------|----------------------|-----------|------------------------|------------------------|------------------------|
|                |      |                      |           | Rated Voltage Vdc 100V | Rated Voltage Vdc 200V | Rated Voltage Vdc 250V |
| 151<br>(150pF) | 0603 | B/0.85±0.15mm        | J         | C0603N151J101T         | C0603N151J201T         | C0603N151J251T         |
|                | 0805 | B/0.85±0.15mm        | J         | C0805N151J101T         | C0805N151J201T         | C0805N151J251T         |
|                | 0805 | C/1.0 +0.1mm -0.05mm | J         | C0805N151J101T         | C0805N151J201T         | C0805N151J251T         |
|                | 1206 | B/0.85±0.15mm        | J         | C1206N151J101T         | C1206N151J201T         | C1206N151J251T         |
|                | 1206 | C/1.0 +0.1mm -0.05mm | J         |                        | C1206N151J201T         | C1206N151J251T         |
|                | 1210 | C/1.0 +0.1mm -0.05mm | J         | C1210N151J101T         | C1210N151J201T         | C1210N151J251T         |
| 181<br>(180pF) | 1812 | D/1.25±0.2mm         | J         | C1812N151J101T         | C1812N151J201T         | C1812N151J251T         |
|                | 0603 | B/0.85±0.15mm        | J         | C0603N181J101T         | C0603N181J201T         | C0603N181J251T         |
|                | 0805 | B/0.85±0.15mm        | J         | C0805N181J101T         | C0805N181J201T         | C0805N181J251T         |
|                | 1206 | B/0.85±0.15mm        | J         | C1206N181J101T         | C1206N181J201T         | C1206N181J251T         |
|                | 1206 | C/1.0 +0.1mm -0.05mm | J         |                        |                        | C1206N181J251T         |
|                | 1210 | C/1.0 +0.1mm -0.05mm | J         | C1210N181J101T         | C1210N181J201T         | C1210N181J251T         |
| 221<br>(220pF) | 1812 | D/1.25±0.2mm         | J         | C1812N181J101T         | C1812N181J201T         | C1812N181J251T         |
|                | 0603 | B/0.85±0.15mm        | J         | C0603N221J101T         | C0603N221J201T         | C0603N221J251T         |
|                | 0805 | B/0.85±0.15mm        | J         | C0805N221J101T         | C0805N221J201T         | C0805N221J251T         |
|                | 1206 | B/0.85±0.15mm        | J         | C1206N221J101T         | C1206N221J201T         | C1206N221J251T         |
|                | 1206 | C/1.0 +0.1mm -0.05mm | J         | C1206N221J101T         | C1206N221J201T         | C1206N221J251T         |
|                | 1210 | C/1.0 +0.1mm -0.05mm | J         | C1210N221J101T         | C1210N221J201T         | C1210N221J251T         |
| 271<br>(270pF) | 1812 | D/1.25±0.2mm         | J         | C1812N221J101T         | C1812N221J201T         | C1812N221J251T         |
|                | 0603 | B/0.85±0.15mm        | J         | C0603N271J101T         | C0603N271J201T         | C0603N271J251T         |
|                | 0805 | B/0.85±0.15mm        | J         | C0805N271J101T         | C0805N271J201T         | C0805N271J251T         |
|                | 1206 | B/0.85±0.15mm        | J         | C1206N271J101T         | C1206N271J201T         | C1206N271J251T         |
|                | 1210 | C/1.0 +0.1mm -0.05mm | J         | C1210N271J101T         | C1210N271J201T         | C1210N271J251T         |
|                | 1812 | D/1.25±0.2mm         | J         | C1812N271J101T         | C1812N271J201T         | C1812N271J251T         |
| 331<br>(330pF) | 0603 | B/0.85±0.15mm        | J         | C0603N331J101T         | C0603N331J201T         | C0603N331J251T         |
|                | 0805 | B/0.85±0.15mm        | J         | C0805N331J101T         | C0805N331J201T         | C0805N331J251T         |
|                | 1206 | B/0.85±0.15mm        | J         | C1206N331J101T         | C1206N331J201T         | C1206N331J251T         |
|                | 1206 | C/1.0 +0.1mm -0.05mm | J         |                        | C1206N331J201T         |                        |
|                | 1210 | C/1.0 +0.1mm -0.05mm | J         | C1210N331J101T         | C1210N331J201T         | C1210N331J251T         |
|                | 1812 | D/1.25±0.2mm         | J         | C1812N331J101T         | C1812N331J201T         | C1812N331J251T         |
| 391<br>(390pF) | 0603 | B/0.85±0.15mm        | J         | C0603N391J101T         | C0603N391J201T         | C0603N391J251T         |
|                | 0805 | B/0.85±0.15mm        | J         | C0805N391J101T         | C0805N391J201T         | C0805N391J251T         |
|                | 0805 | C/1.0 +0.1mm -0.05mm | J         |                        |                        | C0805N391J251T         |
|                | 1206 | B/0.85±0.15mm        | J         | C1206N391J101T         | C1206N391J201T         | C1206N391J251T         |
|                | 1206 | C/1.0 +0.1mm -0.05mm | J         |                        | C1206N391J201T         | C1206N391J251T         |
|                | 1210 | C/1.0 +0.1mm -0.05mm | J         | C1210N391J101T         | C1210N391J201T         | C1210N391J251T         |
| 471<br>(470pF) | 1812 | D/1.25±0.2mm         | J         | C1812N391J101T         | C1812N391J201T         | C1812N391J251T         |
|                | 0603 | B/0.85±0.15mm        | J         | C0603N471J101T         | C0603N471J201T         | C0603N471J251T         |
|                | 0805 | B/0.85±0.15mm        | J         | C0805N471J101T         | C0805N471J201T         | C0805N471J251T         |
|                | 1206 | B/0.85±0.15mm        | J         | C1206N471J101T         | C1206N471J201T         | C1206N471J251T         |
|                | 1206 | C/1.0 +0.1mm -0.05mm | J         | C1206N471J101T         |                        | C1206N471J251T         |
|                | 1210 | C/1.0 +0.1mm -0.05mm | J         | C1210N471J101T         | C1210N471J201T         | C1210N471J251T         |
|                | 1812 | D/1.25±0.2mm         | J         | C1812N471J101T         | C1812N471J201T         | C1812N471J251T         |



| Cap            | Size | Thickness            | Cap. Tol. | Catalog Number         |                        |                        |
|----------------|------|----------------------|-----------|------------------------|------------------------|------------------------|
|                |      |                      |           | Rated Voltage Vdc 100V | Rated Voltage Vdc 200V | Rated Voltage Vdc 250V |
| 561<br>(560pF) | 0603 | B/0.85±0.15mm        | J         | C0603N561J101T         | C0603N561J201T         | C0603N561J251T         |
|                | 0805 | B/0.85±0.15mm        | J         | C0805N561J101T         | C0805N561J201T         | C0805N561J251T         |
|                | 1206 | B/0.85±0.15mm        | J         | C1206N561J101T         | C1206N561J201T         | C1206N561J251T         |
|                | 1210 | C/1.0 +0.1mm -0.05mm | J         | C1210N561J101T         | C1210N561J201T         | C1210N561J251T         |
|                | 1812 | D/1.25±0.2mm         | J         | C1812N561J101T         | C1812N561J201T         | C1812N561J251T         |
| 681<br>(680pF) | 0805 | B/0.85±0.15mm        | J         | C0805N681J101T         | C0805N681J201T         | C0805N681J251T         |
|                | 1206 | B/0.85±0.15mm        | J         | C1206N681J101T         | C1206N681J201T         | C1206N681J251T         |
|                | 1206 | D/1.25±0.2mm         | J         | C1206N681J101T         |                        |                        |
|                | 1210 | C/1.0 +0.1mm -0.05mm | J         | C1210N681J101T         | C1210N681J201T         | C1210N681J251T         |
| 821<br>(820pF) | 1812 | D/1.25±0.2mm         | J         | C1812N681J101T         | C1812N681J201T         | C1812N681J251T         |
|                | 0805 | B/0.85±0.15mm        | J         | C0805N821J101T         | C0805N821J201T         | C0805N821J251T         |
|                | 1206 | B/0.85±0.15mm        | J         | C1206N821J101T         | C1206N821J201T         | C1206N821J251T         |
|                | 1210 | C/1.0 +0.1mm -0.05mm | J         | C1210N821J101T         | C1210N821J201T         | C1210N821J251T         |
| 102<br>(1nF)   | 1812 | D/1.25±0.2mm         | J         | C1812N821J101T         | C1812N821J201T         | C1812N821J251T         |
|                | 0805 | B/0.85±0.15mm        | J         | C0805N102J101T         | C0805N102J201T         | C0805N102J251T         |
|                | 0805 | C/1.0 +0.1mm -0.05mm | J         |                        |                        | C0805N102J251T         |
|                | 1206 | B/0.85±0.15mm        | J         | C1206N102J101T         | C1206N102J201T         | C1206N102J251T         |
|                | 1206 | D/1.25±0.2mm         | J         |                        |                        | C1206N102J251T         |
|                | 1206 | E/1.6±0.2mm          | J         |                        | C1206N102J201T         | C1206N102J251T         |
|                | 1210 | C/1.0 +0.1mm -0.05mm | J         | C1210N102J101T         | C1210N102J201T         | C1210N102J251T         |
| 122<br>(1.2nF) | 1812 | D/1.25±0.2mm         | J         | C1812N102J101T         | C1812N102J201T         | C1812N102J251T         |
|                | 1825 | D/1.25±0.2mm         | J         | C1825N102J101T         | C1825N102J201T         | C1825N102J251T         |
|                | 2220 | D/1.25±0.2mm         | J         | C2220N102J101T         | C2220N102J201T         | C2220N102J251T         |
|                | 2225 | D/1.25±0.2mm         | J         | C2225N102J101T         | C2225N102J201T         | C2225N102J251T         |
|                | 0805 | B/0.85±0.15mm        | J         | C0805N122J101T         | C0805N122J201T         | C0805N122J251T         |
|                | 0805 | D/1.25±0.2mm         | J         |                        |                        | C0805N122J251T         |
|                | 1206 | B/0.85±0.15mm        | J         | C1206N122J101T         | C1206N122J201T         | C1206N122J251T         |
| 152<br>(1.5nF) | 1206 | E/1.6±0.2mm          | J         |                        | C1206N122J201T         |                        |
|                | 1210 | C/1.0 +0.1mm -0.05mm | J         | C1210N122J101T         | C1210N122J201T         | C1210N122J251T         |
|                | 1812 | D/1.25±0.2mm         | J         | C1812N122J101T         | C1812N122J201T         | C1812N122J251T         |
|                | 1825 | D/1.25±0.2mm         | J         | C1825N122J101T         | C1825N122J201T         | C1825N122J251T         |
|                | 2220 | D/1.25±0.2mm         | J         | C2220N122J101T         | C2220N122J201T         | C2220N122J251T         |
|                | 2225 | D/1.25±0.2mm         | J         | C2225N122J101T         | C2225N122J201T         | C2225N122J251T         |
|                | 0805 | B/0.85±0.15mm        | J         | C0805N152J101T         | C0805N152J201T         | C0805N152J251T         |
| 152<br>(1.5nF) | 1206 | B/0.85±0.15mm        | J         | C1206N152J101T         | C1206N152J201T         | C1206N152J251T         |
|                | 1206 | C/1.0 +0.1mm -0.05mm | J         | C1206N152J101T         |                        | C1206N152J251T         |
|                | 1206 | E/1.6±0.2mm          | J         |                        |                        | C1206N152J251T         |
|                | 1210 | C/1.0 +0.1mm -0.05mm | J         | C1210N152J101T         | C1210N152J201T         | C1210N152J251T         |
|                | 1210 | D/1.25±0.2mm         | J         | C1210N152J101T         |                        |                        |
|                | 1812 | D/1.25±0.2mm         | J         | C1812N152J101T         | C1812N152J201T         | C1812N152J251T         |
|                | 1825 | D/1.25±0.2mm         | J         | C1825N152J101T         | C1825N152J201T         | C1825N152J251T         |
| 152<br>(1.5nF) | 2220 | D/1.25±0.2mm         | J         | C2220N152J101T         | C2220N152J201T         | C2220N152J251T         |
|                | 2225 | D/1.25±0.2mm         | J         | C2225N152J101T         | C2225N152J201T         | C2225N152J251T         |

| Cap            | Size | Thickness            | Cap. Tol. | Catalog Number         |                        |                        |
|----------------|------|----------------------|-----------|------------------------|------------------------|------------------------|
|                |      |                      |           | Rated Voltage Vdc 100V | Rated Voltage Vdc 200V | Rated Voltage Vdc 250V |
| 182<br>(1.8nF) | 0805 | B/0.85±0.15mm        | J         | C0805N182J101T         | C0805N182J201T         | C0805N182J251T         |
|                | 1206 | B/0.85±0.15mm        | J         | C1206N182J101T         | C1206N182J201T         | C1206N182J251T         |
|                | 1210 | C/1.0 +0.1mm -0.05mm | J         | C1210N182J101T         | C1210N182J201T         | C1210N182J251T         |
|                | 1812 | D/1.25±0.2mm         | J         | C1812N182J101T         | C1812N182J201T         | C1812N182J251T         |
|                | 1825 | D/1.25±0.2mm         | J         | C1825N182J101T         | C1825N182J201T         | C1825N182J251T         |
|                | 2220 | D/1.25±0.2mm         | J         | C2220N182J101T         | C2220N182J201T         | C2220N182J251T         |
|                | 2225 | D/1.25±0.2mm         | J         | C2225N182J101T         | C2225N182J201T         | C2225N182J251T         |
| 222<br>(2.2nF) | 0805 | C/1.0 +0.1mm -0.05mm | J         | C0805N222J101T         | C0805N222J201T         | C0805N222J251T         |
|                | 1206 | B/0.85±0.15mm        | J         | C1206N222J101T         | C1206N222J201T         | C1206N222J251T         |
|                | 1206 | C/1.0 +0.1mm -0.05mm | J         | C1206N222J101T         |                        |                        |
|                | 1206 | D/1.25±0.2mm         | J         | C1206N222J101T         | C1206N222J201T         | C1206N222J251T         |
|                | 1210 | C/1.0 +0.1mm -0.05mm | J         | C1210N222J101T         | C1210N222J201T         | C1210N222J251T         |
|                | 1210 |                      | J         |                        | C1210N222J201T         |                        |
|                | 1210 | E/1.6±0.2mm          | J         | C1210N222J101T         |                        |                        |
|                | 1812 | D/1.25±0.2mm         | J         | C1812N222J101T         | C1812N222J201T         | C1812N222J251T         |
|                | 1812 | F/2.0±0.2mm          | J         |                        |                        | C1812N222J251T         |
|                | 1825 | D/1.25±0.2mm         | J         | C1825N222J101T         | C1825N222J201T         | C1825N222J251T         |
|                | 2220 | D/1.25±0.2mm         | J         | C2220N222J101T         | C2220N222J201T         | C2220N222J251T         |
|                | 2225 | D/1.25±0.2mm         | J         | C2225N222J101T         | C2225N222J201T         | C2225N222J251T         |
| 272<br>(2.7nF) | 0805 | D/1.25±0.2mm         | J         | C0805N272J101T         | C0805N272J201T         | C0805N272J251T         |
|                | 1206 | B/0.85±0.15mm        | J         | C1206N272J101T         | C1206N272J201T         | C1206N272J251T         |
|                | 1206 | E/1.6±0.2mm          | J         | C1206N272J101T         |                        | C1206N272J251T         |
|                | 1210 | C/1.0 +0.1mm -0.05mm | J         | C1210N272J101T         | C1210N272J201T         | C1210N272J251T         |
|                | 1812 | D/1.25±0.2mm         | J         | C1812N272J101T         | C1812N272J201T         | C1812N272J251T         |
|                | 1825 | D/1.25±0.2mm         | J         | C1825N272J101T         | C1825N272J201T         | C1825N272J251T         |
|                | 2220 | D/1.25±0.2mm         | J         | C2220N272J101T         | C2220N272J201T         | C2220N272J251T         |
| 332<br>(3.3nF) | 2225 | D/1.25±0.2mm         | J         | C2225N272J101T         | C2225N272J201T         | C2225N272J251T         |
|                | 0805 | D/1.25±0.2mm         | J         | C0805N332J101T         | C0805N332J201T         | C0805N332J251T         |
|                | 1206 | B/0.85±0.15mm        | J         | C1206N332J101T         | C1206N332J201T         | C1206N332J251T         |
|                | 1206 | D/1.25±0.2mm         | J         | C1206N332J101T         |                        | C1206N332J251T         |
|                | 1210 | C/1.0 +0.1mm -0.05mm | J         | C1210N332J101T         | C1210N332J201T         | C1210N332J251T         |
|                | 1210 | D/1.25±0.2mm         | J         |                        | C1210N332J201T         |                        |
|                | 1812 | D/1.25±0.2mm         | J         | C1812N332J101T         | C1812N332J201T         | C1812N332J251T         |
| 332<br>(3.3nF) | 1825 | D/1.25±0.2mm         | J         | C1825N332J101T         | C1825N332J201T         | C1825N332J251T         |
|                | 2220 | D/1.25±0.2mm         | J         | C2220N332J101T         | C2220N332J201T         | C2220N332J251T         |
|                | 2225 | D/1.25±0.2mm         | J         | C2225N332J101T         | C2225N332J201T         | C2225N332J251T         |

| Cap            | Size           | Thickness            | Cap. Tol.     | Catalog Number         |                        |                        |  |
|----------------|----------------|----------------------|---------------|------------------------|------------------------|------------------------|--|
|                |                |                      |               | Rated Voltage Vdc 100V | Rated Voltage Vdc 200V | Rated Voltage Vdc 250V |  |
| 392<br>(3.9nF) | 0805           | D/1.25±0.2mm         | J             | C0805N392J101T         | C0805N392J201T         | C0805N392J251T         |  |
|                | 1206           | B/0.85±0.15mm        | J             | C1206N392J101T         |                        |                        |  |
|                | 1206           | C/1.0 +0.1mm -0.05mm | J             |                        | C1206N392J201T         | C1206N392J251T         |  |
|                | 1206           | D/1.25±0.2mm         | J             |                        |                        | C1206N392J251T         |  |
|                | 1210           | C/1.0 +0.1mm -0.05mm | J             | C1210N392J101T         | C1210N392J201T         | C1210N392J251T         |  |
|                | 1210           | F/2.0±0.2mm          | J             | C1210N392J101T         |                        |                        |  |
|                | 1812           | D/1.25±0.2mm         | J             | C1812N392J101T         | C1812N392J201T         | C1812N392J251T         |  |
|                | 1812           | E/1.6±0.2mm          | J             |                        | C1812N392J201T         |                        |  |
|                | 1825           | D/1.25±0.2mm         | J             | C1825N392J101T         | C1825N392J201T         | C1825N392J251T         |  |
|                | 2220           | D/1.25±0.2mm         | J             | C2220N392J101T         | C2220N392J201T         | C2220N392J251T         |  |
|                | 2225           | D/1.25±0.2mm         | J             | C2225N392J101T         | C2225N392J201T         | C2225N392J251T         |  |
|                | 472<br>(4.7nF) | 0805                 | D/1.25±0.2mm  | J                      | C0805N472J101T         |                        |  |
| 1206           |                | B/0.85±0.15mm        | J             | C1206N472J101T         |                        |                        |  |
| 1206           |                | C/1.0 +0.1mm -0.05mm | J             | C1206N472J101T         | C1206N472J201T         | C1206N472J251T         |  |
| 1206           |                | E/1.6±0.2mm          | J             |                        |                        | C1206N472J251T         |  |
| 1210           |                | C/1.0 +0.1mm -0.05mm | J             | C1210N472J101T         | C1210N472J201T         | C1210N472J251T         |  |
| 1210           |                | D/1.25±0.2mm         | J             | C1210N472J101T         |                        |                        |  |
| 1812           |                | D/1.25±0.2mm         | J             | C1812N472J101T         | C1812N472J201T         | C1812N472J251T         |  |
| 1825           |                | D/1.25±0.2mm         | J             | C1825N472J101T         | C1825N472J201T         | C1825N472J251T         |  |
| 2220           |                | D/1.25±0.2mm         | J             | C2220N472J101T         | C2220N472J201T         | C2220N472J251T         |  |
| 2225           |                | D/1.25±0.2mm         | J             | C2225N472J101T         | C2225N472J201T         | C2225N472J251T         |  |
| 562<br>(5.6nF) |                | 0805                 | D/1.25±0.2mm  | J                      | C0805N562J101T         |                        |  |
|                |                | 1206                 | B/0.85±0.15mm | J                      | C1206N562J101T         |                        |  |
|                | 1206           | D/1.25±0.2mm         | J             |                        | C1206N562J201T         | C1206N562J251T         |  |
|                | 1206           | E/1.6±0.2mm          | J             | C1206N562J101T         |                        |                        |  |
|                | 1210           | C/1.0 +0.1mm -0.05mm | J             | C1210N562J101T         | C1210N562J201T         | C1210N562J251T         |  |
|                | 1210           | E/1.6±0.2mm          | J             |                        |                        |                        |  |
|                | 1812           | D/1.25±0.2mm         | J             | C1812N562J101T         | C1812N562J201T         | C1812N562J251T         |  |
|                | 1812           | G/2.4±0.2mm          | J             |                        |                        |                        |  |
|                | 1825           | D/1.25±0.2mm         | J             | C1825N562J101T         | C1825N562J201T         | C1825N562J251T         |  |
|                | 2220           | D/1.25±0.2mm         | J             | C2220N562J101T         | C2220N562J201T         | C2220N562J251T         |  |
|                | 2225           | D/1.25±0.2mm         | J             | C2225N562J101T         | C2225N562J201T         | C2225N562J251T         |  |
|                | 682<br>(6.8nF) | 0805                 | D/1.25±0.2mm  | J                      | C0805N682J101T         |                        |  |
| 1206           |                | B/0.85±0.15mm        | J             | C1206N682J101T         |                        |                        |  |
| 1206           |                | D/1.25±0.2mm         | J             |                        | C1206N682J201T         | C1206N682J251T         |  |
| 1210           |                | C/1.0 +0.1mm -0.05mm | J             | C1210N682J101T         | C1210N682J201T         | C1210N682J251T         |  |
| 1210           |                | E/1.6±0.2mm          | J             | C1210N682J101T         |                        |                        |  |
| 1812           |                | D/1.25±0.2mm         | J             | C1812N682J101T         | C1812N682J201T         | C1812N682J251T         |  |
| 1825           |                | D/1.25±0.2mm         | J             | C1825N682J101T         | C1825N682J201T         | C1825N682J251T         |  |
| 2220           |                | D/1.25±0.2mm         | J             | C2220N682J101T         | C2220N682J201T         | C2220N682J251T         |  |
| 2225           |                | D/1.25±0.2mm         | J             | C2225N682J101T         | C2225N682J201T         | C2225N682J251T         |  |

| Cap            | Size | Thickness            | Cap. Tol. | Catalog Number         |                        |                        |
|----------------|------|----------------------|-----------|------------------------|------------------------|------------------------|
|                |      |                      |           | Rated Voltage Vdc 100V | Rated Voltage Vdc 200V | Rated Voltage Vdc 250V |
| 822<br>(8.2nF) | 0805 | D/1.25±0.2mm         | J         | C0805N822J101T         |                        |                        |
|                | 1206 | B/0.85±0.15mm        | J         | C1206N822J101T         |                        | C1206N822J251T         |
|                | 1206 | E/1.6±0.2mm          | J         |                        | C1206N822J201T         | C1206N822J251T         |
|                | 1210 | C/1.0 +0.1mm -0.05mm | J         | C1210N822J101T         | C1210N822J201T         | C1210N822J251T         |
|                | 1812 | D/1.25±0.2mm         | J         | C1812N822J101T         | C1812N822J201T         | C1812N822J251T         |
|                | 1825 | D/1.25±0.2mm         | J         | C1825N822J101T         | C1825N822J201T         | C1825N822J251T         |
|                | 2220 | D/1.25±0.2mm         | J         | C2220N822J101T         | C2220N822J201T         | C2220N822J251T         |
|                | 2225 | D/1.25±0.2mm         | J         | C2225N822J101T         | C2225N822J201T         | C2225N822J251T         |
| 103<br>(10nF)  | 0805 | D/1.25±0.2mm         | J         | C0805N103J101T         |                        |                        |
|                | 1206 | C/1.0 +0.1mm -0.05mm | J         | C1206N103J101T         | C1206N103J201T         |                        |
|                | 1206 | E/1.6±0.2mm          | J         | C1206N103J101T         | C1206N103J201T         | C1206N103J251T         |
|                | 1210 | C/1.0 +0.1mm -0.05mm | J         | C1210N103J101T         | C1210N103J201T         | C1210N103J251T         |
|                | 1210 | E/1.6±0.2mm          | J         |                        |                        | C1210N103J251T         |
|                | 1812 | D/1.25±0.2mm         | J         | C1812N103J101T         | C1812N103J201T         | C1812N103J251T         |
|                | 1825 | D/1.25±0.2mm         | J         | C1825N103J101T         |                        |                        |
|                | 1825 | E/1.6±0.2mm          | J         |                        | C1825N103J201T         | C1825N103J251T         |
|                | 2220 | D/1.25±0.2mm         | J         | C2220N103J101T         | C2220N103J201T         | C2220N103J251T         |
|                | 2220 | E/1.6±0.2mm          | J         |                        |                        |                        |
| 123<br>(12nF)  | 2225 | D/1.25±0.2mm         | J         | C2225N103J101T         | C2225N103J201T         | C2225N103J251T         |
|                | 0805 | D/1.25±0.2mm         | J         | C0805N123J101T         |                        |                        |
|                | 1206 | D/1.25±0.2mm         | J         | C1206N123J101T         |                        |                        |
|                | 1210 | C/1.0 +0.1mm -0.05mm | J         | C1210N123J101T         |                        |                        |
|                | 1210 | F/2.0±0.2mm          | J         | C1210N123J101T         |                        |                        |
|                | 1812 | D/1.25±0.2mm         | J         | C1812N123J101T         | C1812N123J201T         | C1812N123J251T         |
|                | 1825 | D/1.25±0.2mm         | J         | C1825N123J101T         |                        |                        |
|                | 1825 | E/1.6±0.2mm          | J         |                        | C1825N123J201T         | C1825N123J251T         |
| 153<br>(15nF)  | 2220 | D/1.25±0.2mm         | J         | C2220N123J101T         | C2220N123J201T         | C2220N123J251T         |
|                | 2220 | E/1.6±0.2mm          | J         |                        |                        |                        |
|                | 2225 | D/1.25±0.2mm         | J         | C2225N123J101T         | C2225N123J201T         | C2225N123J251T         |
|                | 1210 | C/1.0 +0.1mm -0.05mm | J         | C1210N153J101T         |                        |                        |
|                | 1812 | D/1.25±0.2mm         | J         | C1812N153J101T         | C1812N153J201T         | C1812N153J251T         |
|                | 1825 | D/1.25±0.2mm         | J         | C1825N153J101T         |                        |                        |
|                | 1825 | E/1.6±0.2mm          | J         |                        | C1825N153J201T         | C1825N153J251T         |
| 183<br>(18nF)  | 2220 | D/1.25±0.2mm         | J         | C2220N153J101T         | C2220N153J201T         | C2220N153J251T         |
|                | 2220 | E/1.6±0.2mm          | J         |                        |                        |                        |
|                | 2225 | D/1.25±0.2mm         | J         | C2225N153J101T         | C2225N153J201T         | C2225N153J251T         |
|                | 1210 | C/1.0 +0.1mm -0.05mm | J         | C1210N183J101T         |                        |                        |
|                | 1812 | D/1.25±0.2mm         | J         | C1812N183J101T         | C1812N183J201T         | C1812N183J251T         |
| 183<br>(18nF)  | 1825 | D/1.25±0.2mm         | J         | C1825N183J101T         |                        |                        |
|                | 1825 | E/1.6±0.2mm          | J         |                        | C1825N183J201T         | C1825N183J251T         |
|                | 2220 | D/1.25±0.2mm         | J         | C2220N183J101T         | C2220N183J201T         | C2220N183J251T         |
|                | 2225 | D/1.25±0.2mm         | J         | C2225N183J101T         | C2225N183J201T         | C2225N183J251T         |

| Cap           | Size | Thickness    | Cap. Tol. | Catalog Number         |                        |                        |
|---------------|------|--------------|-----------|------------------------|------------------------|------------------------|
|               |      |              |           | Rated Voltage Vdc 100V | Rated Voltage Vdc 200V | Rated Voltage Vdc 250V |
| 223<br>(22nF) | 1210 | D/1.25±0.2mm | J         | C1210N223J101T         |                        |                        |
|               | 1812 | D/1.25±0.2mm | J         | C1812N223J101T         | C1812N223J201T         | C1812N223J251T         |
|               | 1825 | D/1.25±0.2mm | J         | C1825N223J101T         |                        |                        |
|               | 1825 | E/1.6±0.2mm  | J         |                        | C1825N223J201T         | C1825N223J251T         |
|               | 2220 | D/1.25±0.2mm | J         | C2220N223J101T         | C2220N223J201T         | C2220N223J251T         |
|               | 2225 | D/1.25±0.2mm | J         | C2225N223J101T         | C2225N223J201T         | C2225N223J251T         |
| 273<br>(27nF) | 1210 | D/1.25±0.2mm | J         | C1210N273J101T         |                        |                        |
|               | 1812 | D/1.25±0.2mm | J         | C1812N273J101T         |                        |                        |
|               | 1812 | E/1.6±0.2mm  | J         |                        | C1812N273J201T         | C1812N273J251T         |
|               | 1825 | D/1.25±0.2mm | J         | C1825N273J101T         |                        |                        |
|               | 1825 | F/2.0±0.2mm  | J         |                        | C1825N273J201T         | C1825N273J251T         |
|               | 2220 | D/1.25±0.2mm | J         | C2220N273J101T         |                        |                        |
|               | 2220 | E/1.6±0.2mm  | J         |                        | C2220N273J201T         | C2220N273J251T         |
|               | 2220 | F/2.0±0.2mm  | J         |                        |                        |                        |
| 333<br>(33nF) | 2225 | D/1.25±0.2mm | J         | C2225N273J101T         | C2225N273J201T         | C2225N273J251T         |
|               | 1210 | D/1.25±0.2mm | J         | C1210N333J101T         |                        |                        |
|               | 1812 | D/1.25±0.2mm | J         | C1812N333J101T         |                        |                        |
|               | 1825 | E/1.6±0.2mm  | J         | C1825N333J101T         |                        |                        |
|               | 1825 | F/2.0±0.2mm  | J         |                        | C1825N333J201T         | C1825N333J251T         |
|               | 2220 | D/1.25±0.2mm | J         | C2220N333J101T         |                        |                        |
| 393<br>(39nF) | 2220 | E/1.6±0.2mm  | J         |                        | C2220N333J201T         | C2220N333J251T         |
|               | 2225 | D/1.25±0.2mm | J         | C2225N333J101T         | C2225N333J201T         | C2225N333J251T         |
|               | 1210 | E/1.6±0.2mm  | J         | C1210N393J101T         |                        |                        |
|               | 1812 | D/1.25±0.2mm | J         | C1812N393J101T         |                        |                        |
|               | 1825 | E/1.6±0.2mm  | J         | C1825N393J101T         |                        |                        |
|               | 1825 | F/2.0±0.2mm  | J         |                        | C1825N393J201T         | C1825N393J251T         |
|               | 2220 | D/1.25±0.2mm | J         | C2220N393J101T         |                        |                        |
|               | 2220 | E/1.6±0.2mm  | J         |                        | C2220N393J201T         | C2220N393J251T         |
| 473<br>(47nF) | 2225 | D/1.25±0.2mm | J         | C2225N393J101T         |                        |                        |
|               | 1812 | D/1.25±0.2mm | J         | C1812N473J101T         |                        |                        |
|               | 1812 | E/1.6±0.2mm  | J         | C1812N473J101T         |                        |                        |
|               | 1825 | E/1.6±0.2mm  | J         | C1825N473J101T         |                        |                        |
|               | 1825 | F/2.0±0.2mm  | J         |                        | C1825N473J201T         | C1825N473J251T         |
|               | 2220 | D/1.25±0.2mm | J         | C2220N473J101T         |                        |                        |
| 563<br>(56nF) | 2220 | E/1.6±0.2mm  | J         |                        | C2220N473J201T         | C2220N473J251T         |
|               | 2225 | D/1.25±0.2mm | J         | C2225N473J101T         |                        |                        |
|               | 1812 | D/1.25±0.2mm | J         | C1812N563J101T         |                        |                        |
|               | 1825 | E/1.6±0.2mm  | J         | C1825N563J101T         |                        |                        |
|               | 1825 | F/2.0±0.2mm  | J         |                        | C1825N563J201T         | C1825N563J251T         |
|               | 2220 | E/1.6±0.2mm  | J         | C2220N563J101T         |                        |                        |
|               | 2225 | D/1.25±0.2mm | J         | C2225N563J101T         |                        |                        |

| Cap            | Size | Thickness    | Cap. Tol. | Catalog Number         |                        |                        |
|----------------|------|--------------|-----------|------------------------|------------------------|------------------------|
|                |      |              |           | Rated Voltage Vdc 100V | Rated Voltage Vdc 200V | Rated Voltage Vdc 250V |
| 683<br>(68nF)  | 1812 | D/1.25±0.2mm | J         | C1812N683J101T         |                        |                        |
|                | 1812 | F/2.0±0.2mm  | J         | C1812N683J101T         |                        |                        |
|                | 1825 | E/1.6±0.2mm  | J         | C1825N683J101T         |                        |                        |
|                | 1825 | F/2.0±0.2mm  | J         |                        | C1825N683J201T         | C1825N683J251T         |
|                | 2225 | D/1.25±0.2mm | J         | C2225N683J101T         |                        |                        |
| 104<br>(100nF) | 1812 | E/1.6±0.2mm  | J         | C1812N104J101T         |                        |                        |
|                | 1825 | E/1.6±0.2mm  | J         | C1825N104J101T         |                        |                        |
|                | 1825 | G/2.4±0.2mm  | J         |                        | C1825N104J201T         | C1825N104J251T         |

| Cap            | Size | Thickness            | Cap. Tol. | Catalog Number         |                        |
|----------------|------|----------------------|-----------|------------------------|------------------------|
|                |      |                      |           | Rated Voltage Vdc 500V | Rated Voltage Vdc 630V |
| 2R0<br>(2.0pF) | 0805 | B/0.85±0.15mm        | J         | C0805N2R0J501T         |                        |
|                | 1808 | D/1.25±0.2mm         | J         | C1808N2R0J501T         | C1808N2R0J631T         |
| 3R3<br>(3.3pF) | 0805 | B/0.85±0.15mm        | J         | C0805N3R3J501T         |                        |
|                | 1808 | D/1.25±0.2mm         | J         | C1808N3R3J501T         | C1808N3R3J631T         |
| 3R9<br>(3.9pF) | 0805 | B/0.85±0.15mm        | J         | C0805N3R9J501T         |                        |
|                | 1808 | D/1.25±0.2mm         | J         | C1808N3R9J501T         | C1808N3R9J631T         |
| 5R0<br>(5.0pF) | 0805 | B/0.85±0.15mm        | J         | C0805N5R0J501T         |                        |
|                | 1808 | D/1.25±0.2mm         | J         | C1808N5R0J501T         | C1808N5R0J631T         |
| 8R2<br>(8.2pF) | 0805 | B/0.85±0.15mm        | J         | C0805N8R2J501T         |                        |
|                | 1808 | D/1.25±0.2mm         | J         | C1808N8R2J501T         | C1808N8R2J631T         |
| 100<br>(10pF)  | 0805 | A/0.6±0.1mm          | J         | C0805N100J501T         |                        |
|                | 0805 | C/1.0 +0.1mm -0.05mm | J         | C0805N100J501T         |                        |
|                | 1206 | C/1.0 +0.1mm -0.05mm | J         | C1206N100J501T         | C1206N100J631T         |
|                | 1206 | D/1.25±0.2mm         | J         | C1206N100J501T         | C1206N100J631T         |
|                | 1210 | C/1.0 +0.1mm -0.05mm | J         | C1210N100J501T         | C1210N100J631T         |
| 120<br>(12pF)  | 1808 | D/1.25±0.2mm         | J         | C1808N100J501T         | C1808N100J631T         |
|                | 0805 | A/0.6±0.1mm          | J         | C0805N120J501T         |                        |
|                | 0805 | C/1.0 +0.1mm -0.05mm | J         | C0805N120J501T         |                        |
|                | 1206 | C/1.0 +0.1mm -0.05mm | J         | C1206N120J501T         | C1206N120J631T         |
|                | 1210 | C/1.0 +0.1mm -0.05mm | J         | C1210N120J501T         | C1210N120J631T         |
| 150<br>(15pF)  | 1808 | D/1.25±0.2mm         | J         | C1808N120J501T         | C1808N120J631T         |
|                | 0805 | A/0.6±0.1mm          | J         | C0805N150J501T         |                        |
|                | 1206 | C/1.0 +0.1mm -0.05mm | J         | C1206N150J501T         | C1206N150J631T         |
|                | 1210 | C/1.0 +0.1mm -0.05mm | J         | C1210N150J501T         | C1210N150J631T         |
|                | 1808 | D/1.25±0.2mm         | J         | C1808N150J501T         | C1808N150J631T         |
| 180<br>(18pF)  | 0805 | A/0.6±0.1mm          | J         | C0805N180J501T         |                        |
|                | 1206 | B/0.85±0.15mm        | J         | C1206N180J501T         | C1206N180J631T         |
|                | 1206 | C/1.0 +0.1mm -0.05mm | J         | C1206N180J501T         | C1206N180J631T         |
|                | 1210 | C/1.0 +0.1mm -0.05mm | J         | C1210N180J501T         | C1210N180J631T         |
|                | 1808 | D/1.25±0.2mm         | J         | C1808N180J501T         | C1808N180J631T         |
| 220<br>(22pF)  | 0805 | A/0.6±0.1mm          | J         | C0805N220J501T         |                        |
|                | 1206 | B/0.85±0.15mm        | J         | C1206N220J501T         | C1206N220J631T         |
|                | 1206 | C/1.0 +0.1mm -0.05mm | J         | C1206N220J501T         | C1206N220J631T         |
|                | 1210 | C/1.0 +0.1mm -0.05mm | J         | C1210N220J501T         | C1210N220J631T         |
|                | 1808 | D/1.25±0.2mm         | J         | C1808N220J501T         | C1808N220J631T         |
| 270<br>(27pF)  | 0805 | A/0.6±0.1mm          | J         | C0805N270J501T         |                        |
|                | 1206 | B/0.85±0.15mm        | J         | C1206N270J501T         | C1206N270J631T         |
|                | 1206 | C/1.0 +0.1mm -0.05mm | J         | C1206N270J501T         | C1206N270J631T         |
|                | 1210 | C/1.0 +0.1mm -0.05mm | J         | C1210N270J501T         | C1210N270J631T         |
|                | 1808 | D/1.25±0.2mm         | J         | C1808N270J501T         | C1808N270J631T         |

| Cap            | Size | Thickness            | Cap. Tol. | Catalog Number         |                        |
|----------------|------|----------------------|-----------|------------------------|------------------------|
|                |      |                      |           | Rated Voltage Vdc 500V | Rated Voltage Vdc 630V |
| 330<br>(33pF)  | 0805 | A/0.6±0.1mm          | J         | C0805N330J501T         |                        |
|                | 0805 | B/0.85±0.15mm        | J         | C0805N330J501T         |                        |
|                | 1206 | B/0.85±0.15mm        | J         | C1206N330J501T         | C1206N330J631T         |
|                | 1206 | C/1.0 +0.1mm -0.05mm | J         | C1206N330J501T         | C1206N330J631T         |
|                | 1206 | D/1.25±0.2mm         | J         |                        | C1206N330J631T         |
|                | 1210 | C/1.0 +0.1mm -0.05mm | J         | C1210N330J501T         | C1210N330J631T         |
|                | 1808 | D/1.25±0.2mm         | J         | C1808N330J501T         | C1808N330J631T         |
| 390<br>(39pF)  | 0805 | A/0.6±0.1mm          | J         | C0805N390J501T         |                        |
|                | 0805 | C/1.0 +0.1mm -0.05mm | J         | C0805N390J501T         |                        |
|                | 1206 | B/0.85±0.15mm        | J         | C1206N390J501T         | C1206N390J631T         |
|                | 1206 | C/1.0 +0.1mm -0.05mm | J         | C1206N390J501T         | C1206N390J631T         |
|                | 1210 | C/1.0 +0.1mm -0.05mm | J         | C1210N390J501T         | C1210N390J631T         |
| 470<br>(47pF)  | 1808 | D/1.25±0.2mm         | J         | C1808N390J501T         | C1808N390J631T         |
|                | 0805 | A/0.6±0.1mm          | J         | C0805N470J501T         |                        |
|                | 1206 | B/0.85±0.15mm        | J         | C1206N470J501T         | C1206N470J631T         |
|                | 1206 | C/1.0 +0.1mm -0.05mm | J         | C1206N470J501T         | C1206N470J631T         |
|                | 1210 | C/1.0 +0.1mm -0.05mm | J         | C1210N470J501T         | C1210N470J631T         |
| 560<br>(56pF)  | 1808 | D/1.25±0.2mm         | J         | C1808N470J501T         | C1808N470J631T         |
|                | 0805 | A/0.6±0.1mm          | J         | C0805N560J501T         |                        |
|                | 1206 | B/0.85±0.15mm        | J         | C1206N560J501T         | C1206N560J631T         |
|                | 1206 | C/1.0 +0.1mm -0.05mm | J         | C1206N560J501T         |                        |
|                | 1206 | D/1.25±0.2mm         | J         |                        | C1206N560J631T         |
| 680<br>(68pF)  | 1210 | C/1.0 +0.1mm -0.05mm | J         | C1210N560J501T         | C1210N560J631T         |
|                | 1808 | D/1.25±0.2mm         | J         | C1808N560J501T         | C1808N560J631T         |
|                | 0805 | A/0.6±0.1mm          | J         | C0805N680J501T         |                        |
|                | 0805 | C/1.0 +0.1mm -0.05mm | J         | C0805N680J501T         |                        |
|                | 1206 | B/0.85±0.15mm        | J         | C1206N680J501T         | C1206N680J631T         |
|                | 1206 | C/1.0 +0.1mm -0.05mm | J         | C1206N680J501T         |                        |
| 820<br>(82pF)  | 1210 | C/1.0 +0.1mm -0.05mm | J         | C1210N680J501T         | C1210N680J631T         |
|                | 1808 | D/1.25±0.2mm         | J         | C1808N680J501T         | C1808N680J631T         |
|                | 1812 | D/1.25±0.2mm         | J         | C1812N680J501T         | C1812N680J631T         |
|                | 0805 | B/0.85±0.15mm        | J         | C0805N820J501T         |                        |
|                | 1206 | B/0.85±0.15mm        | J         | C1206N820J501T         | C1206N820J631T         |
|                | 1206 | D/1.25±0.2mm         | J         | C1206N820J501T         |                        |
| 101<br>(100pF) | 1210 | C/1.0 +0.1mm -0.05mm | J         | C1210N820J501T         | C1210N820J631T         |
|                | 1808 | D/1.25±0.2mm         | J         | C1808N820J501T         | C1808N820J631T         |
|                | 1812 | D/1.25±0.2mm         | J         | C1812N820J501T         | C1812N820J631T         |
|                | 0805 | B/0.85±0.15mm        | J         | C0805N101J501T         |                        |
|                | 0805 | C/1.0 +0.1mm -0.05mm |           | C0805N101J501T         |                        |
|                | 1206 | B/0.85±0.15mm        | J         | C1206N101J501T         | C1206N101J631T         |
|                | 1206 | C/1.0 +0.1mm -0.05mm | J         | C1206N101J501T         | C1206N101J631T         |
| 101<br>(100pF) | 1206 | D/1.25±0.2mm         | J         |                        | C1206N101J631T         |
|                | 1210 | C/1.0 +0.1mm -0.05mm | J         | C1210N101J501T         | C1210N101J631T         |
|                | 1808 | D/1.25±0.2mm         | J         | C1808N101J501T         | C1808N101J631T         |
|                | 1812 | D/1.25±0.2mm         | J         | C1812N101J501T         | C1812N101J631T         |



| Cap            | Size         | Thickness            | Cap. Tol.      | Catalog Number         |                        |
|----------------|--------------|----------------------|----------------|------------------------|------------------------|
|                |              |                      |                | Rated Voltage Vdc 500V | Rated Voltage Vdc 630V |
| 121<br>(120pF) | 0805         | B/0.85±0.15mm        | J              | C0805N121J501T         |                        |
|                | 1206         | B/0.85±0.15mm        | J              | C1206N121J501T         | C1206N121J631T         |
|                | 1206         | C/1.0 +0.1mm -0.05mm | J              | C1206N121J501T         | C1206N121J631T         |
|                | 1206         | D/1.25±0.2mm         | J              | C1206N121J501T         | C1206N121J631T         |
|                | 1210         | C/1.0 +0.1mm -0.05mm | J              | C1210N121J501T         | C1210N121J631T         |
|                | 1808         | D/1.25±0.2mm         | J              | C1808N121J501T         | C1808N121J631T         |
|                | 1812         | D/1.25±0.2mm         | J              | C1812N121J501T         | C1812N121J631T         |
| 151<br>(150pF) | 0805         | B/0.85±0.15mm        | J              | C0805N151J501T         |                        |
|                | 0805         | C/1.0 +0.1mm -0.05mm | J              | C0805N151J501T         |                        |
|                | 1206         | B/0.85±0.15mm        | J              | C1206N151J501T         | C1206N151J631T         |
|                | 1206         | C/1.0 +0.1mm -0.05mm | J              | C1206N151J501T         | C1206N151J631T         |
|                | 1206         | E/1.6±0.2mm          | J              | C1206N151J501T         |                        |
|                | 1210         | C/1.0 +0.1mm -0.05mm | J              | C1210N151J501T         | C1210N151J631T         |
|                | 1808         | D/1.25±0.2mm         | J              | C1808N151J501T         | C1808N151J631T         |
| 1812           | D/1.25±0.2mm | J                    | C1812N151J501T | C1812N151J631T         |                        |
| 181<br>(180pF) | 0805         | B/0.85±0.15mm        | J              | C0805N181J501T         |                        |
|                | 0805         | C/1.0 +0.1mm -0.05mm | J              | C0805N181J501T         |                        |
|                | 1206         | B/0.85±0.15mm        | J              | C1206N181J501T         | C1206N181J631T         |
|                | 1206         | C/1.0 +0.1mm -0.05mm | J              | C1206N181J501T         |                        |
|                | 1210         | C/1.0 +0.1mm -0.05mm | J              | C1210N181J501T         | C1210N181J631T         |
|                | 1808         | D/1.25±0.2mm         | J              | C1808N181J501T         | C1808N181J631T         |
|                | 1812         | D/1.25±0.2mm         | J              | C1812N181J501T         | C1812N181J631T         |
| 221<br>(220pF) | 0805         | B/0.85±0.15mm        | J              | C0805N221J501T         |                        |
|                | 0805         | C/1.0 +0.1mm -0.05mm | J              | C0805N221J501T         |                        |
|                | 1206         | B/0.85±0.15mm        | J              | C1206N221J501T         | C1206N221J631T         |
|                | 1206         | C/1.0 +0.1mm -0.05mm | J              | C1206N221J501T         | C1206N221J631T         |
|                | 1206         | D/1.25±0.2mm         | J              | C1206N221J501T         | C1206N221J631T         |
|                | 1210         | C/1.0 +0.1mm -0.05mm | J              | C1210N221J501T         | C1210N221J631T         |
|                | 1808         | D/1.25±0.2mm         | J              | C1808N221J501T         | C1808N221J631T         |
| 1812           | D/1.25±0.2mm | J                    | C1812N221J501T | C1812N221J631T         |                        |
| 271<br>(270pF) | 0805         | B/0.85±0.15mm        | J              | C0805N271J501T         |                        |
|                | 0805         | C/1.0 +0.1mm -0.05mm | J              | C0805N271J501T         |                        |
|                | 1206         | B/0.85±0.15mm        | J              | C1206N271J501T         | C1206N271J631T         |
|                | 1206         | C/1.0 +0.1mm -0.05mm | J              | C1206N271J501T         | C1206N271J631T         |
|                | 1210         | C/1.0 +0.1mm -0.05mm | J              | C1210N271J501T         | C1210N271J631T         |
|                | 1808         | D/1.25±0.2mm         | J              | C1808N271J501T         | C1808N271J631T         |
|                | 1812         | D/1.25±0.2mm         | J              | C1812N271J501T         | C1812N271J631T         |
| 331<br>(330pF) | 0805         | B/0.85±0.15mm        | J              | C0805N331J501T         |                        |
|                | 1206         | B/0.85±0.15mm        | J              | C1206N331J501T         | C1206N331J631T         |
|                | 1206         | C/1.0 +0.1mm -0.05mm | J              | C1206N331J501T         | C1206N331J631T         |
|                | 1206         | E/1.6±0.2mm          | J              | C1206N331J501T         |                        |
|                | 1210         | C/1.0 +0.1mm -0.05mm | J              | C1210N331J501T         | C1210N331J631T         |
|                | 1808         | D/1.25±0.2mm         | J              | C1808N331J501T         | C1808N331J631T         |
|                | 1812         | D/1.25±0.2mm         | J              | C1812N331J501T         | C1812N331J631T         |

| Cap            | Size         | Thickness            | Cap. Tol.      | Catalog Number         |                        |
|----------------|--------------|----------------------|----------------|------------------------|------------------------|
|                |              |                      |                | Rated Voltage Vdc 500V | Rated Voltage Vdc 630V |
| 391<br>(390pF) | 0805         | B/0.85±0.15mm        | J              | C0805N391J501T         |                        |
|                | 1206         | B/0.85±0.15mm        | J              | C1206N391J501T         | C1206N391J631T         |
|                | 1206         | C/1.0 +0.1mm -0.05mm | J              | C1206N391J501T         |                        |
|                | 1210         | C/1.0 +0.1mm -0.05mm | J              | C1210N391J501T         | C1210N391J631T         |
|                | 1808         | D/1.25±0.2mm         | J              | C1808N391J501T         | C1808N391J631T         |
|                | 1812         | D/1.25±0.2mm         | J              | C1812N391J501T         | C1812N391J631T         |
| 471<br>(470pF) | 0805         | B/0.85±0.15mm        | J              | C0805N471J501T         |                        |
|                | 0805         | C/1.0 +0.1mm -0.05mm | J              | C0805N471J501T         |                        |
|                | 1206         | B/0.85±0.15mm        | J              | C1206N471J501T         | C1206N471J631T         |
|                | 1206         | C/1.0 +0.1mm -0.05mm | J              | C1206N471J501T         | C1206N471J631T         |
|                | 1206         | D/1.25±0.2mm         | J              | C1206N471J501T         |                        |
|                | 1210         | C/1.0 +0.1mm -0.05mm | J              | C1210N471J501T         | C1210N471J631T         |
|                | 1808         | D/1.25±0.2mm         | J              | C1808N471J501T         | C1808N471J631T         |
|                | 1812         | D/1.25±0.2mm         | J              | C1812N471J501T         | C1812N471J631T         |
| 561<br>(560pF) | 0805         | B/0.85±0.15mm        | J              | C0805N561J501T         |                        |
|                | 1206         | B/0.85±0.15mm        | J              | C1206N561J501T         | C1206N561J631T         |
|                | 1206         | D/1.25±0.2mm         | J              | C1206N561J501T         | C1206N561J631T         |
|                | 1210         | C/1.0 +0.1mm -0.05mm | J              | C1210N561J501T         | C1210N561J631T         |
|                | 1808         | D/1.25±0.2mm         | J              | C1808N561J501T         | C1808N561J631T         |
|                | 1812         | D/1.25±0.2mm         | J              | C1812N561J501T         | C1812N561J631T         |
| 681<br>(680pF) | 0805         | C/1.0 +0.1mm -0.05mm | J              | C0805N681J501T         |                        |
|                | 1206         | B/0.85±0.15mm        | J              | C1206N681J501T         | C1206N681J631T         |
|                | 1206         | D/1.25±0.2mm         | J              | C1206N681J501T         | C1206N681J631T         |
|                | 1210         | C/1.0 +0.1mm -0.05mm | J              | C1210N681J501T         | C1210N681J631T         |
|                | 1808         | D/1.25±0.2mm         | J              | C1808N681J501T         | C1808N681J631T         |
|                | 1812         | D/1.25±0.2mm         | J              | C1812N681J501T         | C1812N681J631T         |
| 821<br>(820pF) | 1206         | B/0.85±0.15mm        | J              | C1206N821J501T         | C1206N821J631T         |
|                | 1206         | D/1.25±0.2mm         | J              | C1206N821J501T         | C1206N821J631T         |
|                | 1210         | C/1.0 +0.1mm -0.05mm | J              | C1210N821J501T         | C1210N821J631T         |
|                | 1808         | D/1.25±0.2mm         | J              | C1808N821J501T         | C1808N821J631T         |
|                | 1812         | D/1.25±0.2mm         | J              | C1812N821J501T         | C1812N821J631T         |
| 102<br>(1nF)   | 1206         | B/0.85±0.15mm        | J              | C1206N102J501T         | C1206N102J631T         |
|                | 1206         | E/1.6±0.2mm          | J              | C1206N102J501T         | C1206N102J631T         |
|                | 1210         | C/1.0 +0.1mm -0.05mm | J              | C1210N102J501T         | C1210N102J631T         |
|                | 1210         | D/1.25±0.2mm         | J              | C1210N102J501T         |                        |
|                | 1808         | D/1.25±0.2mm         | J              | C1808N102J501T         | C1808N102J631T         |
|                | 1812         | D/1.25±0.2mm         | J              | C1812N102J501T         | C1812N102J631T         |
|                | 1825         | D/1.25±0.2mm         | J              | C1825N102J501T         | C1825N102J631T         |
| 2220           | D/1.25±0.2mm | J                    | C2220N102J501T | C2220N102J631T         |                        |

| Cap            | Size         | Thickness            | Cap. Tol.      | Catalog Number         |                        |
|----------------|--------------|----------------------|----------------|------------------------|------------------------|
|                |              |                      |                | Rated Voltage Vdc 500V | Rated Voltage Vdc 630V |
| 122<br>(1.2nF) | 1206         | B/0.85±0.15mm        | J              | C1206N122J501T         | C1206N122J631T         |
|                | 1206         | E/1.6±0.2mm          | J              | C1206N122J501T         |                        |
|                | 1210         | C/1.0 +0.1mm -0.05mm | J              | C1210N122J501T         | C1210N122J631T         |
|                | 1210         | D/1.25±0.2mm         | J              | C1210N122J501T         |                        |
|                | 1808         | D/1.25±0.2mm         | J              | C1808N122J501T         | C1808N122J631T         |
|                | 1812         | D/1.25±0.2mm         | J              | C1812N122J501T         | C1812N122J631T         |
|                | 1825         | D/1.25±0.2mm         | J              | C1825N122J501T         | C1825N122J631T         |
|                | 2220         | D/1.25±0.2mm         | J              | C2220N122J501T         | C2220N122J631T         |
| 152<br>(1.5nF) | 1206         | B/0.85±0.15mm        | J              | C1206N152J501T         | C1206N152J631T         |
|                | 1206         | E/1.6±0.2mm          | J              | C1206N152J501T         | C1206N152J631T         |
|                | 1210         | C/1.0 +0.1mm -0.05mm | J              | C1210N152J501T         | C1210N152J631T         |
|                | 1210         | D/1.25±0.2mm         | J              | C1210N152J501T         |                        |
|                | 1808         | D/1.25±0.2mm         | J              | C1808N152J501T         | C1808N152J631T         |
|                | 1812         | D/1.25±0.2mm         | J              | C1812N152J501T         | C1812N152J631T         |
|                | 1812         | F/2.0±0.2mm          | J              |                        | C1812N152J631T         |
|                | 1825         | D/1.25±0.2mm         | J              | C1825N152J501T         | C1825N152J631T         |
| 2220           | D/1.25±0.2mm | J                    | C2220N152J501T | C2220N152J631T         |                        |
| 182<br>(1.8nF) | 1206         | C/1.0 +0.1mm -0.05mm | J              | C1206N182J501T         | C1206N182J631T         |
|                | 1210         | C/1.0 +0.1mm -0.05mm | J              | C1210N182J501T         |                        |
|                | 1210         | E/1.6±0.2mm          | J              | C1210N182J501T         | C1210N182J631T         |
|                | 1808         | E/1.6±0.2mm          | J              | C1808N182J501T         | C1808N182J631T         |
|                | 1812         | D/1.25±0.2mm         | J              | C1812N182J501T         | C1812N182J631T         |
|                | 1825         | D/1.25±0.2mm         | J              | C1825N182J501T         | C1825N182J631T         |
| 2220           | D/1.25±0.2mm | J                    | C2220N182J501T | C2220N182J631T         |                        |
| 222<br>(2.2nF) | 1206         | D/1.25±0.2mm         | J              | C1206N222J501T         | C1206N222J631T         |
|                | 1206         | E/1.6±0.2mm          | J              | C1206N222J501T         | C1206N222J631T         |
|                | 1210         | C/1.0 +0.1mm -0.05mm | J              | C1210N222J501T         |                        |
|                | 1210         | E/1.6±0.2mm          | J              | C1210N222J501T         | C1210N222J631T         |
|                | 1808         | E/1.6±0.2mm          | J              | C1808N222J501T         | C1808N222J631T         |
|                | 1812         | D/1.25±0.2mm         | J              | C1812N222J501T         | C1812N222J631T         |
|                | 1812         | E/1.6±0.2mm          | J              | C1812N222J501T         |                        |
|                | 1825         | D/1.25±0.2mm         | J              | C1825N222J501T         | C1825N222J631T         |
| 2220           | D/1.25±0.2mm | J                    | C2220N222J501T | C2220N222J631T         |                        |
| 272<br>(2.7nF) | 1206         | D/1.25±0.2mm         | J              | C1206N272J501T         | C1206N272J631T         |
|                | 1210         | C/1.0 +0.1mm -0.05mm | J              | C1210N272J501T         | C1210N272J631T         |
|                | 1812         | D/1.25±0.2mm         | J              | C1812N272J501T         | C1812N272J631T         |
|                | 1825         | D/1.25±0.2mm         | J              | C1825N272J501T         | C1825N272J631T         |
| 2220           | D/1.25±0.2mm | J                    | C2220N272J501T | C2220N272J631T         |                        |
| 332<br>(3.3nF) | 1206         | E/1.6±0.2mm          | J              | C1206N332J501T         | C1206N332J631T         |
|                | 1210         | D/1.25±0.2mm         | J              | C1210N332J501T         | C1210N332J631T         |
|                | 1210         | F/2.0±0.2mm          | J              | C1210N332J501T         |                        |
|                | 1812         | D/1.25±0.2mm         | J              | C1812N332J501T         | C1812N332J631T         |
|                | 1825         | D/1.25±0.2mm         | J              | C1825N332J501T         | C1825N332J631T         |
|                | 2220         | D/1.25±0.2mm         | J              | C2220N332J501T         | C2220N332J631T         |

| Cap            | Size | Thickness    | Cap. Tol. | Catalog Number         |                        |
|----------------|------|--------------|-----------|------------------------|------------------------|
|                |      |              |           | Rated Voltage Vdc 500V | Rated Voltage Vdc 630V |
| 392<br>(3.9nF) | 1206 | E/1.6±0.2mm  | J         | C1206N392J501T         | C1206N392J631T         |
|                | 1210 | D/1.25±0.2mm | J         | C1210N392J501T         | C1210N392J631T         |
|                | 1210 | F/2.0±0.2mm  | J         | C1210N392J501T         |                        |
|                | 1812 | D/1.25±0.2mm | J         | C1812N392J501T         | C1812N392J631T         |
|                | 1812 | E/1.6±0.2mm  | J         | C1812N392J501T         |                        |
|                | 1825 | D/1.25±0.2mm | J         | C1825N392J501T         | C1825N392J631T         |
|                | 2220 | D/1.25±0.2mm | J         | C2220N392J501T         | C2220N392J631T         |
| 472<br>(4.7nF) | 1206 | E/1.6±0.2mm  | J         | C1206N472J501T         | C1206N472J631T         |
|                | 1210 | D/1.25±0.2mm | J         | C1210N472J501T         | C1210N472J631T         |
|                | 1812 | D/1.25±0.2mm | J         | C1812N472J501T         | C1812N472J631T         |
|                | 1812 | F/2.0±0.2mm  | J         | C1812N472J501T         |                        |
|                | 1825 | D/1.25±0.2mm | J         | C1825N472J501T         | C1825N472J631T         |
|                | 2220 | D/1.25±0.2mm | J         | C2220N472J501T         | C2220N472J631T         |
| 562<br>(5.6nF) | 1206 | E/1.6±0.2mm  | J         | C1206N562J501T         |                        |
|                | 1210 | E/1.6±0.2mm  | J         | C1210N562J501T         | C1210N562J631T         |
|                | 1812 | D/1.25±0.2mm | J         | C1812N562J501T         | C1812N562J631T         |
|                | 1812 | G/2.4±0.2mm  | J         |                        | C1812N562J631T         |
|                | 1825 | D/1.25±0.2mm | J         | C1825N562J501T         | C1825N562J631T         |
|                | 2220 | D/1.25±0.2mm | J         | C2220N562J501T         | C2220N562J631T         |
| 682<br>(6.8nF) | 1210 | E/1.6±0.2mm  | J         | C1210N682J501T         | C1210N682J631T         |
|                | 1812 | D/1.25±0.2mm | J         | C1812N682J501T         | C1812N682J631T         |
|                | 1825 | D/1.25±0.2mm | J         | C1825N682J501T         | C1825N682J631T         |
|                | 2220 | D/1.25±0.2mm | J         | C2220N682J501T         | C2220N682J631T         |
| 822<br>(8.2nF) | 1812 | D/1.25±0.2mm | J         | C1812N822J501T         | C1812N822J631T         |
|                | 1825 | D/1.25±0.2mm | J         | C1825N822J501T         | C1825N822J631T         |
|                | 2220 | E/1.6±0.2mm  | J         | C2220N822J501T         | C2220N822J631T         |
| 103<br>(10nF)  | 1825 | D/1.25±0.2mm | J         | C1825N103J501T         | C1825N103J631T         |
|                | 2220 | E/1.6±0.2mm  | J         | C2220N103J501T         | C2220N103J631T         |
|                | 2225 | E/1.6±0.2mm  | J         | C2225N103J501T         | C2225N103J631T         |
| 123<br>(12nF)  | 1825 | E/1.6±0.2mm  | J         | C1825N123J501T         | C1825N123J631T         |
|                | 2220 | E/1.6±0.2mm  | J         | C2220N123J501T         | C2220N123J631T         |
|                | 2225 | E/1.6±0.2mm  | J         | C2225N123J501T         | C2225N123J631T         |
| 153<br>(15nF)  | 1825 | E/1.6±0.2mm  | J         | C1825N153J501T         | C1825N153J631T         |
|                | 2220 | E/1.6±0.2mm  | J         | C2220N153J501T         | C2220N153J631T         |
|                | 2225 | F/2.0±0.2mm  | J         | C2225N153J501T         | C2225N153J631T         |
| 183<br>(18nF)  | 1825 | E/1.6±0.2mm  | J         | C1825N183J501T         | C1825N183J631T         |
|                | 2220 | E/1.6±0.2mm  | J         | C2220N183J501T         | C2220N183J631T         |
| 223<br>(22nF)  | 1825 | F/2.0±0.2mm  | J         | C1825N223J501T         | C1825N223J631T         |
|                | 2220 | F/2.0±0.2mm  | J         | C2220N223J501T         | C2220N223J631T         |
| 273<br>(27nF)  | 1825 | F/2.0±0.2mm  | J         | C1825N273J501T         | C1825N273J631T         |
|                | 2220 | F/2.0±0.2mm  | J         | C2220N273J501T         | C2220N273J631T         |
| 333<br>(33nF)  | 1825 | F/2.0±0.2mm  | J         | C1825N333J501T         |                        |
|                | 1825 | G/2.4±0.2mm  | J         |                        | C1825N333J631T         |

## MVC Series – Middle Voltage Capacitors



| Cap     | Size | Thickness   | Cap. Tol. | Catalog Number         |                        |
|---------|------|-------------|-----------|------------------------|------------------------|
|         |      |             |           | Rated Voltage Vdc 500V | Rated Voltage Vdc 630V |
| 393     | 1825 | F/2.0±0.2mm | J         | C1825N393J501T         |                        |
| (39nF)  | 1825 | G/2.4±0.2mm | J         |                        | C1825N393J631T         |
| 473     | 1825 | G/2.4±0.2mm | J         | C1825N473J501T         |                        |
| (47nF)  | 1825 | I/3.2±0.2mm | J         |                        | C1825N473J631T         |
| 563     | 1825 | G/2.4±0.2mm | J         | C1825N563J501T         |                        |
| (56nF)  |      |             |           |                        |                        |
| 683     | 1825 | G/2.4±0.2mm | J         | C1825N683J501T         |                        |
| (68nF)  |      |             |           |                        |                        |
| 104     | 1825 | G/2.4±0.2mm | J         | C1825N104J501T         |                        |
| (100nF) |      |             |           |                        |                        |

| Cap.           | Size | Thickness           | Cap. Tol. | Catalog Number         |                        |                        |                        |
|----------------|------|---------------------|-----------|------------------------|------------------------|------------------------|------------------------|
|                |      |                     |           | Rated Voltage Vdc 100V | Rated Voltage Vdc 200V | Rated Voltage Vdc 250V | Rated Voltage Vdc 300V |
| 101<br>(100pF) | 0603 | B/0.85+-0.15mm      | K         | C0603X101K101T         |                        | C0603X101K251T         |                        |
|                | 0805 | D/1.25±0.2mm        | K         |                        | C0805X101K201T         | C0805X101K251T         |                        |
|                | 1206 | B/0.85+-0.15mm      | K         |                        | C1206X101K201T         | C1206X101K251T         |                        |
| 121<br>(120pF) | 0603 | B/0.85+-0.15mm      | K         | C0603X121K101T         |                        | C0603X121K251T         |                        |
| 181<br>(180pF) | 0603 | B/0.85+-0.15mm      | K         | C0603X181K101T         |                        | C0603X181K251T         |                        |
|                | 0805 | C/1.0+0.10mm-0.05mm | K         |                        | C0805X181K201T         | C0805X181K251T         |                        |
|                | 1206 | B/0.85+-0.15mm      | K         |                        | C1206X181K201T         | C1206X181K251T         |                        |
| 221<br>(220pF) | 0603 | B/0.85+-0.15mm      | K         | C0603X221K101T         |                        | C0603X221K251T         |                        |
|                | 0805 | B/0.85+-0.15mm      | K         | C0805X221K101T         | C0805X221K201T         | C0805X221K251T         |                        |
|                | 0805 | C/1.0+0.10mm-0.05mm | K         | C0805X221K101T         |                        |                        |                        |
|                | 1206 | B/0.85+-0.15mm      | K         | C1206X221K101T         | C1206X221K201T         | C1206X221K251T         |                        |
|                | 1206 | C/1.0+0.10mm-0.05mm | K         | C1206X221K101T         | C1206X221K201T         | C1206X221K251T         |                        |
|                | 1812 | D/1.25±0.2mm        | K         |                        |                        | C1812X221K251T         |                        |
| 271<br>(270pF) | 0603 | B/0.85+-0.15mm      | K         | C0603X271K101T         |                        | C0603X271K251T         |                        |
|                | 0805 | B/0.85+-0.15mm      | K         | C0805X271K101T         | C0805X271K201T         | C0805X271K251T         |                        |
|                | 0805 | C/1.0+0.10mm-0.05mm | K         | C0805X271K101T         |                        |                        |                        |
|                | 1206 | B/0.85+-0.15mm      | K         | C1206X271K101T         | C1206X271K201T         | C1206X271K251T         |                        |
|                | 1206 | C/1.0+0.10mm-0.05mm | K         | C1206X271K101T         |                        |                        |                        |
|                | 1812 | D/1.25±0.2mm        | K         |                        |                        | C1812X271K251T         |                        |
| 331<br>(330pF) | 0603 | B/0.85+-0.15mm      | K         | C0603X331K101T         |                        | C0603X331K251T         |                        |
|                | 0805 | B/0.85+-0.15mm      | K         | C0805X331K101T         | C0805X331K201T         | C0805X331K251T         |                        |
|                | 0805 | C/1.0+0.10mm-0.05mm | K         | C0805X331K101T         |                        | C0805X331K251T         |                        |
|                | 1206 | B/0.85+-0.15mm      | K         | C1206X331K101T         | C1206X331K201T         | C1206X331K251T         |                        |
|                | 1206 | C/1.0+0.10mm-0.05mm | K         | C1206X331K101T         |                        | C1206X331K251T         |                        |
|                | 1812 | D/1.25±0.2mm        | K         |                        |                        | C1812X331K251T         |                        |
| 391<br>(390pF) | 0603 | B/0.85+-0.15mm      | K         | C0603X391K101T         |                        | C0603X391K251T         |                        |
|                | 0805 | B/0.85+-0.15mm      | K         | C0805X391K101T         | C0805X391K201T         | C0805X391K251T         |                        |
|                | 0805 | C/1.0+0.10mm-0.05mm | K         | C0805X391K101T         |                        | C0805X391K251T         |                        |
|                | 1206 | B/0.85+-0.15mm      | K         | C1206X391K101T         | C1206X391K201T         | C1206X391K251T         |                        |
|                | 1206 | C/1.0+0.10mm-0.05mm | K         | C1206X391K101T         |                        |                        |                        |
|                | 1812 | D/1.25±0.2mm        | K         |                        |                        | C1812X391K251T         |                        |
| 471<br>(470pF) | 0603 | B/0.85+-0.15mm      | K         | C0603X471K101T         |                        | C0603X471K251T         |                        |
|                | 0805 | B/0.85+-0.15mm      | K         | C0805X471K101T         | C0805X471K201T         | C0805X471K251T         |                        |
|                | 0805 | C/1.0+0.10mm-0.05mm | K         | C0805X471K101T         |                        |                        |                        |
|                | 1206 | B/0.85+-0.15mm      | K         | C1206X471K101T         | C1206X471K201T         | C1206X471K251T         |                        |
|                | 1206 | C/1.0+0.10mm-0.05mm | K         | C1206X471K101T         | C1206X471K201T         | C1206X471K251T         |                        |
|                | 1812 | D/1.25±0.2mm        | K         |                        |                        | C1812X471K251T         |                        |
| 561<br>(560pF) | 0603 | B/0.85+-0.15mm      | K         | C0603X561K101T         |                        | C0603X561K251T         |                        |
|                | 0805 | B/0.85+-0.15mm      | K         | C0805X561K101T         | C0805X561K201T         | C0805X561K251T         |                        |
|                | 0805 | C/1.0+0.10mm-0.05mm | K         | C0805X561K101T         |                        | C0805X561K251T         |                        |
|                | 1206 | B/0.85+-0.15mm      | K         | C1206X561K101T         | C1206X561K201T         | C1206X561K251T         |                        |
|                | 1206 | C/1.0+0.10mm-0.05mm | K         | C1206X561K101T         | C1206X561K201T         |                        |                        |
|                | 1812 | D/1.25±0.2mm        | K         |                        |                        | C1812X561K251T         |                        |

| Cap.           | Size | Thickness           | Cap. Tol. | Catalog Number         |                        |                        |                        |
|----------------|------|---------------------|-----------|------------------------|------------------------|------------------------|------------------------|
|                |      |                     |           | Rated Voltage Vdc 100V | Rated Voltage Vdc 200V | Rated Voltage Vdc 250V | Rated Voltage Vdc 300V |
| 681<br>(680pF) | 0603 | B/0.85+-0.15mm      | K         | C0603X681K101T         |                        | C0603X681K251T         |                        |
|                | 0805 | B/0.85+-0.15mm      | K         | C0805X681K101T         | C0805X681K201T         | C0805X681K251T         |                        |
|                | 0805 | C/1.0+0.10mm-0.05mm | K         | C0805X681K101T         |                        |                        |                        |
|                | 1206 | B/0.85+-0.15mm      | K         | C1206X681K101T         | C1206X681K201T         | C1206X681K251T         |                        |
|                | 1206 | C/1.0+0.10mm-0.05mm | K         | C1206X681K101T         | C1206X681K201T         |                        |                        |
|                | 1812 | D/1.25±0.2mm        | K         |                        |                        | C1812X681K251T         |                        |
| 821<br>(820pF) | 0603 | B/0.85+-0.15mm      | K         | C0603X821K101T         |                        | C0603X821K251T         |                        |
|                | 0805 | B/0.85+-0.15mm      | K         | C0805X821K101T         | C0805X821K201T         | C0805X821K251T         |                        |
|                | 0805 | C/1.0+0.10mm-0.05mm | K         | C0805X821K101T         |                        | C0805X821K251T         |                        |
|                | 1206 | B/0.85+-0.15mm      | K         | C1206X821K101T         | C1206X821K201T         | C1206X821K251T         |                        |
|                | 1206 | C/1.0+0.10mm-0.05mm | K         | C1206X821K101T         |                        | C1206X821K251T         |                        |
|                | 1812 | D/1.25±0.2mm        | K         |                        |                        | C1812X821K251T         |                        |
| 102<br>(1nF)   | 0603 | B/0.85+-0.15mm      | K         | C0603X102K101T         |                        | C0603X102K251T         |                        |
|                | 0805 | B/0.85+-0.15mm      | K         | C0805X102K101T         | C0805X102K201T         | C0805X102K251T         |                        |
|                | 0805 | C/1.0+0.10mm-0.05mm | K         | C0805X102K101T         |                        |                        |                        |
|                | 1206 | B/0.85+-0.15mm      | K         | C1206X102K101T         | C1206X102K201T         | C1206X102K251T         |                        |
|                | 1206 | C/1.0+0.10mm-0.05mm | K         | C1206X102K101T         | C1206X102K201T         | C1206X102K251T         |                        |
|                | 1812 | D/1.25±0.2mm        | K         |                        |                        | C1812X102K251T         |                        |
| 122<br>(1.2nF) | 2220 | D/1.25±0.2mm        | K         | C2220X102K101T         |                        | C2220X102K251T         |                        |
|                | 0603 | B/0.85+-0.15mm      | K         | C0603X122K101T         |                        | C0603X122K251T         |                        |
|                | 0805 | B/0.85+-0.15mm      | K         | C0805X122K101T         | C0805X122K201T         | C0805X122K251T         |                        |
|                | 0805 | C/1.0+0.10mm-0.05mm | K         | C0805X122K101T         |                        |                        |                        |
|                | 1206 | B/0.85+-0.15mm      | K         | C1206X122K101T         | C1206X122K201T         | C1206X122K251T         |                        |
|                | 1206 | C/1.0+0.10mm-0.05mm | K         | C1206X122K101T         |                        |                        |                        |
| 152<br>(1.5nF) | 1812 | D/1.25±0.2mm        | K         |                        |                        | C1812X122K251T         |                        |
|                | 2220 | D/1.25±0.2mm        | K         | C2220X122K101T         |                        | C2220X122K251T         |                        |
|                | 0603 | B/0.85+-0.15mm      | K         | C0603X152K101T         |                        | C0603X152K251T         |                        |
|                | 0805 | B/0.85+-0.15mm      | K         | C0805X152K101T         | C0805X152K201T         | C0805X152K251T         |                        |
|                | 0805 | C/1.0+0.10mm-0.05mm | K         | C0805X152K101T         |                        |                        |                        |
|                | 1206 | B/0.85+-0.15mm      | K         | C1206X152K101T         | C1206X152K201T         | C1206X152K251T         |                        |
| 182<br>(1.8nF) | 1206 | C/1.0+0.10mm-0.05mm | K         | C1206X152K101T         | C1206X152K201T         | C1206X152K251T         |                        |
|                | 1812 | D/1.25±0.2mm        | K         |                        |                        | C1812X152K251T         |                        |
|                | 2220 | D/1.25±0.2mm        | K         | C2220X152K101T         |                        | C2220X152K251T         |                        |
|                | 0603 | B/0.85+-0.15mm      | K         | C0603X182K101T         |                        | C0603X182K251T         |                        |
|                | 0805 | B/0.85+-0.15mm      | K         | C0805X182K101T         | C0805X182K201T         | C0805X182K251T         |                        |
|                | 0805 | C/1.0+0.10mm-0.05mm | K         | C0805X182K101T         |                        |                        |                        |
| 222<br>(2.2nF) | 1206 | B/0.85+-0.15mm      | K         | C1206X182K101T         | C1206X182K201T         | C1206X182K251T         |                        |
|                | 1206 | C/1.0+0.10mm-0.05mm | K         | C1206X182K101T         |                        |                        |                        |
|                | 1812 | D/1.25±0.2mm        | K         |                        |                        | C1812X182K251T         |                        |
|                | 2220 | D/1.25±0.2mm        | K         | C2220X182K101T         |                        | C2220X182K251T         |                        |
|                | 0603 | B/0.85+-0.15mm      | K         | C0603X222K101T         |                        | C0603X222K251T         |                        |
|                | 0805 | B/0.85+-0.15mm      | K         | C0805X222K101T         | C0805X222K201T         | C0805X222K251T         |                        |
| 222<br>(2.2nF) | 0805 | C/1.0+0.10mm-0.05mm | K         | C0805X222K101T         |                        |                        |                        |
|                | 1206 | B/0.85+-0.15mm      | K         | C1206X222K101T         | C1206X222K201T         | C1206X222K251T         |                        |
|                | 1206 | C/1.0+0.10mm-0.05mm | K         | C1206X222K101T         | C1206X222K201T         | C1206X222K251T         |                        |
|                | 1812 | D/1.25±0.2mm        | K         |                        |                        | C1812X222K251T         |                        |
|                | 2220 | D/1.25±0.2mm        | K         | C2220X222K101T         |                        | C2220X222K251T         |                        |
|                | 2225 | D/1.25±0.2mm        | K         | C2225X222K101T         |                        | C2225X222K251T         |                        |

| Cap.           | Size           | Thickness           | Cap. Tol.      | Catalog Number         |                        |                        |                        |
|----------------|----------------|---------------------|----------------|------------------------|------------------------|------------------------|------------------------|
|                |                |                     |                | Rated Voltage Vdc 100V | Rated Voltage Vdc 200V | Rated Voltage Vdc 250V | Rated Voltage Vdc 300V |
| 272<br>(2.7nF) | 0603           | B/0.85+-0.15mm      | K              | C0603X272K101T         |                        | C0603X272K251T         |                        |
|                | 0805           | B/0.85+-0.15mm      | K              | C0805X272K101T         | C0805X272K201T         | C0805X272K251T         |                        |
|                | 0805           | C/1.0+0.10mm-0.05mm | K              | C0805X272K101T         | C0805X272K201T         |                        |                        |
|                | 1206           | B/0.85+-0.15mm      | K              | C1206X272K101T         | C1206X272K201T         | C1206X272K251T         |                        |
|                | 1206           | C/1.0+0.10mm-0.05mm | K              | C1206X272K101T         | C1206X272K201T         |                        |                        |
|                | 1812           | D/1.25±0.2mm        | K              |                        |                        | C1812X272K251T         |                        |
|                | 2220           | D/1.25±0.2mm        | K              | C2220X272K101T         |                        | C2220X272K251T         |                        |
|                | 2225           | D/1.25±0.2mm        | K              | C2225X272K101T         |                        | C2225X272K251T         |                        |
|                | 332<br>(3.3nF) | 0603                | B/0.85+-0.15mm | K                      | C0603X332K101T         |                        | C0603X332K251T         |
| 0805           |                | B/0.85+-0.15mm      | K              | C0805X332K101T         | C0805X332K201T         | C0805X332K251T         |                        |
| 0805           |                | C/1.0+0.10mm-0.05mm | K              | C0805X332K101T         |                        |                        |                        |
| 1206           |                | B/0.85+-0.15mm      | K              | C1206X332K101T         | C1206X332K201T         | C1206X332K251T         |                        |
| 1206           |                | C/1.0+0.10mm-0.05mm | K              | C1206X332K101T         | C1206X332K201T         | C1206X332K251T         |                        |
| 1812           |                | D/1.25±0.2mm        | K              |                        |                        | C1812X332K251T         |                        |
| 2220           |                | D/1.25±0.2mm        | K              | C2220X332K101T         |                        | C2220X332K251T         |                        |
| 1825           |                | D/1.25±0.2mm        | K              | C1825X332K101T         |                        |                        |                        |
| 2225           |                | D/1.25±0.2mm        | K              | C2225X332K101T         |                        | C2225X332K251T         |                        |
| 392<br>(3.9nF) | 0603           | B/0.85+-0.15mm      | K              | C0603X392K101T         |                        | C0603X392K251T         |                        |
|                | 0805           | B/0.85+-0.15mm      | K              | C0805X392K101T         | C0805X392K201T         | C0805X392K251T         |                        |
|                | 0805           | C/1.0+0.10mm-0.05mm | K              | C0805X392K101T         | C0805X392K201T         | C0805X392K251T         |                        |
|                | 1206           | B/0.85+-0.15mm      | K              | C1206X392K101T         | C1206X392K201T         | C1206X392K251T         |                        |
|                | 1206           | C/1.0+0.10mm-0.05mm | K              | C1206X392K101T         |                        | C1206X392K251T         |                        |
|                | 1812           | D/1.25±0.2mm        | K              |                        |                        | C1812X392K251T         |                        |
|                | 2220           | D/1.25±0.2mm        | K              | C2220X392K101T         |                        | C2220X392K251T         |                        |
|                | 1825           | D/1.25±0.2mm        | K              | C1825X392K101T         |                        |                        |                        |
|                | 2225           | D/1.25±0.2mm        | K              | C2225X392K101T         |                        | C2225X392K251T         |                        |
| 472<br>(4.7nF) | 0603           | B/0.85+-0.15mm      | K              | C0603X472K101T         |                        | C0603X472K251T         |                        |
|                | 0805           | B/0.85+-0.15mm      | K              | C0805X472K101T         | C0805X472K201T         | C0805X472K251T         |                        |
|                | 0805           | C/1.0+0.10mm-0.05mm | K              | C0805X472K101T         | C0805X472K201T         | C0805X472K251T         |                        |
|                | 1206           | B/0.85+-0.15mm      | K              | C1206X472K101T         | C1206X472K201T         | C1206X472K251T         |                        |
|                | 1206           | C/1.0+0.10mm-0.05mm | K              | C1206X472K101T         | C1206X472K201T         | C1206X472K251T         |                        |
|                | 1812           | D/1.25±0.2mm        | K              |                        |                        | C1812X472K251T         |                        |
|                | 2220           | D/1.25±0.2mm        | K              | C2220X472K101T         |                        | C2220X472K251T         |                        |
|                | 1825           | D/1.25±0.2mm        | K              | C1825X472K101T         |                        |                        |                        |
|                | 2225           | D/1.25±0.2mm        | K              | C2225X472K101T         |                        | C2225X472K251T         |                        |
| 562<br>(5.6nF) | 0603           | B/0.85+-0.15mm      | K              | C0603X562K101T         |                        | C0603X562K251T         |                        |
|                | 0805           | B/0.85+-0.15mm      | K              | C0805X562K101T         | C0805X562K201T         | C0805X562K251T         |                        |
|                | 0805           | C/1.0+0.10mm-0.05mm | K              | C0805X562K101T         |                        |                        |                        |
|                | 1206           | B/0.85+-0.15mm      | K              | C1206X562K101T         | C1206X562K201T         | C1206X562K251T         |                        |
|                | 1206           | C/1.0+0.10mm-0.05mm | K              | C1206X562K101T         |                        |                        |                        |
|                | 1812           | D/1.25±0.2mm        | K              |                        |                        | C1812X562K251T         |                        |
|                | 2220           | D/1.25±0.2mm        | K              | C2220X562K101T         |                        | C2220X562K251T         |                        |
|                | 1825           | D/1.25±0.2mm        | K              | C1825X562K101T         |                        |                        |                        |
|                | 2225           | D/1.25±0.2mm        | K              | C2225X562K101T         |                        | C2225X562K251T         |                        |



| Cap.           | Size           | Thickness           | Cap. Tol.      | Catalog Number         |                        |                        |                        |
|----------------|----------------|---------------------|----------------|------------------------|------------------------|------------------------|------------------------|
|                |                |                     |                | Rated Voltage Vdc 100V | Rated Voltage Vdc 200V | Rated Voltage Vdc 250V | Rated Voltage Vdc 300V |
| 682<br>(6.8nF) | 0603           | B/0.85+-0.15mm      | K              | C0603X682K101T         |                        | C0603X682K251T         |                        |
|                | 0805           | B/0.85+-0.15mm      | K              | C0805X682K101T         | C0805X682K201T         | C0805X682K251T         |                        |
|                | 0805           | C/1.0+0.10mm-0.05mm | K              | C0805X682K101T         | C0805X682K201T         |                        |                        |
|                | 1206           | B/0.85+-0.15mm      | K              | C1206X682K101T         |                        | C1206X682K251T         |                        |
|                | 1206           | C/1.0+0.10mm-0.05mm | K              | C1206X682K101T         | C0805X682K201T         |                        |                        |
|                | 1812           | D/1.25±0.2mm        | K              |                        |                        | C1812X682K251T         |                        |
|                | 2220           | D/1.25±0.2mm        | K              | C2220X682K101T         |                        | C2220X682K251T         |                        |
|                | 1825           | D/1.25±0.2mm        | K              | C1825X682K101T         |                        |                        |                        |
|                | 2225           | D/1.25±0.2mm        | K              | C2225X682K101T         |                        | C2225X682K251T         |                        |
| 822<br>(8.2nF) | 0603           | B/0.85+-0.15mm      | K              | C0603X822K101T         |                        | C0603X822K251T         |                        |
|                | 0805           | B/0.85+-0.15mm      | K              | C0805X822K101T         | C0805X822K201T         | C0805X822K251T         |                        |
|                | 0805           | C/1.0+0.10mm-0.05mm | K              | C0805X822K101T         | C0805X822K201T         |                        |                        |
|                | 1206           | B/0.85+-0.15mm      | K              | C1206X822K101T         | C1206X822K201T         | C1206X822K251T         |                        |
|                | 1206           | C/1.0+0.10mm-0.05mm | K              | C1206X822K101T         |                        |                        |                        |
|                | 1812           | D/1.25±0.2mm        | K              |                        |                        | C1812X822K251T         |                        |
|                | 2220           | D/1.25±0.2mm        | K              | C2220X822K101T         |                        | C2220X822K251T         |                        |
|                | 1825           | D/1.25±0.2mm        | K              | C1825X822K101T         |                        |                        |                        |
|                | 2225           | D/1.25±0.2mm        | K              | C2225X822K101T         |                        | C2225X822K251T         |                        |
| 103<br>(10nF)  | 0603           | B/0.85+-0.15mm      | K              | C0603X103K101T         |                        | C0603X103K251T         |                        |
|                | 0805           | B/0.85+-0.15mm      | K              | C0805X103K101T         | C0805X103K201T         | C0805X103K251T         |                        |
|                | 0805           | C/1.0+0.10mm-0.05mm | K              | C0805X103K101T         | C0805X103K201T         | C0805X103K251T         |                        |
|                | 1206           | B/0.85+-0.15mm      | K              | C1206X103K101T         | C1206X103K201T         | C1206X103K251T         |                        |
|                | 1206           | C/1.0+0.10mm-0.05mm | K              | C1206X103K101T         | C1206X103K201T         | C1206X103K251T         |                        |
|                | 1206           | D/1.25+-0.20mm      | K              | C1206X103K101T         |                        |                        |                        |
|                | 1206           | E/1.6±0.2mm         | K              | C1206X103K101T         |                        |                        |                        |
|                | 1210           | C/1.0+0.10mm-0.05mm | K              | C1210X103K101T         | C1210X103K201T         | C1210X103K251T         |                        |
|                | 1812           | D/1.25+-0.20mm      | K              | C1812X103K101T         | C1812X103K201T         | C1812X103K251T         |                        |
|                | 2220           | D/1.25±0.2mm        | K              | C2220X103K101T         | C2220X103K201T         | C2220X103K251T         |                        |
| 123<br>(12nF)  | 1825           | D/1.25±0.2mm        | K              | C1825X103K101T         |                        |                        |                        |
|                | 2225           | D/1.25±0.2mm        | K              | C2225X103K101T         | C2225X103K201T         | C2225X103K251T         |                        |
|                | 0603           | B/0.85+-0.15mm      | K              | C0603X123K101T         |                        |                        |                        |
|                | 0805           | B/0.85+-0.15mm      | K              | C0805X123K101T         | C0805X123K201T         | C0805X123K251T         |                        |
|                | 0805           | C/1.0+0.10mm-0.05mm | K              | C0805X123K101T         | C0805X123K201T         | C0805X123K251T         |                        |
|                | 1206           | B/0.85+-0.15mm      | K              | C1206X123K101T         | C1206X123K201T         | C1206X123K251T         |                        |
|                | 1206           | C/1.0+0.10mm-0.05mm | K              | C1206X123K101T         |                        |                        |                        |
|                | 1210           | C/1.0+0.10mm-0.05mm | K              | C1210X123K101T         | C1210X123K201T         | C1210X123K251T         |                        |
|                | 1812           | D/1.25+-0.20mm      | K              | C1812X123K101T         | C1812X123K201T         | C1812X123K251T         |                        |
|                | 2220           | D/1.25+-0.20mm      | K              | C2220X123K101T         | C2220X123K201T         | C2220X123K251T         |                        |
| 1825           | D/1.25+-0.20mm | K                   | C1825X123K101T |                        |                        |                        |                        |
|                | 2225           | D/1.25+-0.20mm      | K              | C2225X123K101T         | C2225X123K201T         | C2225X123K251T         |                        |

| Cap.          | Size | Thickness           | Cap. Tol. | Catalog Number         |                        |                        |                        |
|---------------|------|---------------------|-----------|------------------------|------------------------|------------------------|------------------------|
|               |      |                     |           | Rated Voltage Vdc 100V | Rated Voltage Vdc 200V | Rated Voltage Vdc 250V | Rated Voltage Vdc 300V |
| 153<br>(15nF) | 0603 | B/0.85+-0.15mm      | K         | C0603X153K101T         |                        |                        |                        |
|               | 0805 | B/0.85+-0.15mm      | K         | C0805X153K101T         | C0805X153K201T         | C0805X153K251T         |                        |
|               | 0805 | C/1.0+0.10mm-0.05mm | K         | C0805X153K101T         |                        |                        |                        |
|               | 1206 | B/0.85+-0.15mm      | K         | C1206X153K101T         | C1206X153K201T         | C1206X153K251T         |                        |
|               | 1206 | C/1.0+0.10mm-0.05mm | K         | C1206X153K101T         | C1206X153K201T         | C1206X153K251T         |                        |
|               | 1210 | C/1.0+0.10mm-0.05mm | K         | C1210X153K101T         | C1210X153K201T         | C1210X153K251T         |                        |
|               | 1812 | D/1.25+-0.20mm      | K         | C1812X153K101T         | C1812X153K201T         | C1812X153K251T         |                        |
|               | 2220 | D/1.25+-0.20mm      | K         | C2220X153K101T         | C2220X153K201T         | C2220X153K251T         |                        |
|               | 1825 | D/1.25+-0.20mm      | K         | C1825X153K101T         |                        |                        |                        |
|               | 2225 | D/1.25+-0.20mm      | K         | C2225X153K101T         | C2225X153K201T         | C2225X153K251T         |                        |
| 183<br>(18nF) | 0603 | B/0.85+-0.15mm      | K         | C0603X183K101T         |                        |                        |                        |
|               | 0805 | B/0.85+-0.15mm      | K         | C0805X183K101T         | C0805X183K201T         | C0805X183K251T         |                        |
|               | 0805 | C/1.0+0.10mm-0.05mm | K         | C0805X183K101T         |                        |                        |                        |
|               | 1206 | B/0.85+-0.15mm      | K         | C1206X183K101T         | C1206X183K201T         | C1206X183K251T         |                        |
|               | 1206 | C/1.0+0.10mm-0.05mm | K         | C1206X183K101T         |                        |                        |                        |
|               | 1210 | C/1.0+0.10mm-0.05mm | K         | C1210X183K101T         | C1210X183K201T         | C1210X183K251T         |                        |
|               | 1812 | D/1.25+-0.20mm      | K         | C1812X183K101T         | C1812X183K201T         | C1812X183K251T         |                        |
|               | 2220 | D/1.25+-0.20mm      | K         | C2220X183K101T         | C2220X183K201T         | C2220X183K251T         |                        |
|               | 1825 | D/1.25+-0.20mm      | K         | C1825X183K101T         |                        |                        |                        |
|               | 2225 | D/1.25+-0.20mm      | K         | C2225X183K101T         | C2225X183K201T         | C2225X183K251T         |                        |
| 223<br>(22nF) | 0603 | B/0.85+-0.15mm      | K         | C0603X223K101T         |                        |                        |                        |
|               | 0805 | B/0.85+-0.15mm      | K         | C0805X223K101T         | C0805X223K201T         | C0805X223K251T         |                        |
|               | 0805 | C/1.0+0.10mm-0.05mm | K         | C0805X223K101T         | C0805X223K201T         | C0805X223K251T         |                        |
|               | 1206 | B/0.85+-0.15mm      | K         | C1206X223K101T         | C1206X223K201T         | C1206X223K251T         |                        |
|               | 1206 | C/1.0+0.10mm-0.05mm | K         | C1206X223K101T         | C1206X223K201T         | C1206X223K251T         |                        |
|               | 1210 | C/1.0+0.10mm-0.05mm | K         | C1210X223K101T         | C1210X223K201T         | C1210X223K251T         |                        |
|               | 1812 | D/1.25+-0.20mm      | K         | C1812X223K101T         | C1812X223K201T         | C1812X223K251T         |                        |
|               | 2220 | D/1.25+-0.20mm      | K         | C2220X223K101T         | C2220X223K201T         | C2220X223K251T         |                        |
|               | 1825 | D/1.25+-0.20mm      | K         | C1825X223K101T         |                        |                        |                        |
|               | 2225 | D/1.25+-0.20mm      | K         | C2225X223K101T         | C2225X223K201T         | C2225X223K251T         |                        |
| 273<br>(27nF) | 0603 | B/0.85+-0.15mm      | K         | C0603X273K101T         |                        |                        |                        |
|               | 0805 | B/0.85+-0.15mm      | K         | C0805X273K101T         | C0805X273K201T         | C0805X273K251T         |                        |
|               | 0805 | C/1.0+0.10mm-0.05mm | K         | C0805X273K101T         |                        | C0805X273K251T         |                        |
|               | 1206 | B/0.85+-0.15mm      | K         | C1206X273K101T         | C1206X273K201T         | C1206X273K251T         |                        |
|               | 1206 | C/1.0+0.10mm-0.05mm | K         | C1206X273K101T         |                        | C1206X273K251T         |                        |
|               | 1210 | C/1.0+0.10mm-0.05mm | K         | C1210X273K101T         | C1210X273K201T         | C1210X273K251T         |                        |
|               | 1812 | D/1.25+-0.20mm      | K         | C1812X273K101T         | C1812X273K201T         | C1812X273K251T         |                        |
|               | 2220 | D/1.25+-0.20mm      | K         | C2220X273K101T         | C2220X273K201T         | C2220X273K251T         |                        |
|               | 1825 | D/1.25+-0.20mm      | K         | C1825X273K101T         |                        |                        |                        |
|               | 2225 | D/1.25+-0.20mm      | K         | C2225X273K101T         | C2225X273K201T         | C2225X273K251T         |                        |

| Cap.          | Size          | Thickness           | Cap. Tol.      | Catalog Number         |                        |                        |                        |  |
|---------------|---------------|---------------------|----------------|------------------------|------------------------|------------------------|------------------------|--|
|               |               |                     |                | Rated Voltage Vdc 100V | Rated Voltage Vdc 200V | Rated Voltage Vdc 250V | Rated Voltage Vdc 300V |  |
| 333<br>(33nF) | 0603          | B/0.85+-0.15mm      | K              | C0603X333K101T         |                        |                        |                        |  |
|               | 0805          | B/0.85+-0.15mm      | K              | C0805X333K101T         | C0805X333K201T         | C0805X333K251T         |                        |  |
|               | 0805          | C/1.0+0.10mm-0.05mm | K              | C0805X333K101T         |                        | C0805X333K251T         |                        |  |
|               | 1206          | B/0.85+-0.15mm      | K              | C1206X333K101T         | C1206X333K201T         | C1206X333K251T         |                        |  |
|               | 1206          | C/1.0+0.10mm-0.05mm | K              | C1206X333K101T         | C1206X333K201T         | C1206X333K251T         |                        |  |
|               | 1210          | C/1.0+0.10mm-0.05mm | K              | C1210X333K101T         | C1210X333K201T         | C1210X333K251T         |                        |  |
|               | 1812          | D/1.25+-0.20mm      | K              | C1812X333K101T         | C1812X333K201T         | C1812X333K251T         |                        |  |
|               | 2220          | D/1.25+-0.20mm      | K              | C2220X333K101T         | C2220X333K201T         | C2220X333K251T         |                        |  |
|               | 2220          | E/1.6+-0.2mm        | K              |                        |                        | C2220X333K251T         |                        |  |
|               | 1825          | D/1.25+-0.20mm      | K              | C1825X333K101T         |                        |                        |                        |  |
|               | 2225          | D/1.25+-0.20mm      | K              | C2225X333K101T         | C2225X333K201T         | C2225X333K251T         |                        |  |
|               | 393<br>(39nF) | 0603                | B/0.85+-0.15mm | K                      | C0603X393K101T         |                        |                        |  |
| 0805          |               | B/0.85+-0.15mm      | K              | C0805X393K101T         |                        |                        |                        |  |
| 0805          |               | C/1.0+0.10mm-0.05mm | K              | C0805X393K101T         | C0805X393K201T         | C0805X393K251T         |                        |  |
| 1206          |               | B/0.85+-0.15mm      | K              | C1206X393K101T         | C1206X393K201T         | C1206X393K251T         |                        |  |
| 1206          |               | C/1.0+0.10mm-0.05mm | K              | C1206X393K101T         |                        |                        |                        |  |
| 1210          |               | C/1.0+0.10mm-0.05mm | K              | C1210X393K101T         | C1210X393K201T         | C1210X393K251T         |                        |  |
| 1812          |               | D/1.25+-0.20mm      | K              | C1812X393K101T         | C1812X393K201T         | C1812X393K251T         |                        |  |
| 2220          |               | D/1.25+-0.20mm      | K              | C2220X393K101T         | C2220X393K201T         | C2220X393K251T         |                        |  |
| 1825          |               | D/1.25+-0.20mm      | K              | C1825X393K101T         |                        |                        |                        |  |
| 2225          |               | D/1.25+-0.20mm      | K              | C2225X393K101T         | C2225X393K201T         | C2225X393K251T         |                        |  |
| 473<br>(47nF) |               | 0603                | B/0.85+-0.15mm | K                      | C0603X473K101T         |                        |                        |  |
|               |               | 0805                | B/0.85+-0.15mm | K                      | C0805X473K101T         |                        |                        |  |
|               | 0805          | C/1.0+0.10mm-0.05mm | K              | C0805X473K101T         |                        |                        |                        |  |
|               | 0805          | D/1.25+-0.20mm      | K              |                        | C0805X473K201T         | C0805X473K251T         |                        |  |
|               | 1206          | B/0.85+-0.15mm      | K              | C1206X473K101T         | C1206X473K201T         | C1206X473K251T         |                        |  |
|               | 1206          | C/1.0+0.10mm-0.05mm | K              | C1206X473K101T         | C1206X473K201T         | C1206X473K251T         |                        |  |
|               | 1210          | C/1.0+0.10mm-0.05mm | K              | C1210X473K101T         | C1210X473K201T         | C1210X473K251T         |                        |  |
|               | 1812          | D/1.25+-0.20mm      | K              | C1812X473K101T         | C1812X473K201T         | C1812X473K251T         |                        |  |
|               | 2220          | D/1.25+-0.20mm      | K              | C2220X473K101T         | C2220X473K201T         | C2220X473K251T         |                        |  |
|               | 2220          | E/1.6+-0.2mm        | K              |                        |                        | C2220X473K251T         |                        |  |
|               | 1825          | D/1.25+-0.20mm      | K              | C1825X473K101T         |                        |                        |                        |  |
|               | 2225          | D/1.25+-0.20mm      | K              | C2225X473K101T         | C2225X473K201T         | C2225X473K251T         |                        |  |
| 563<br>(56nF) | 0603          | B/0.85+-0.15mm      | K              |                        |                        |                        |                        |  |
|               | 0805          | B/0.85+-0.15mm      | K              | C0805X563K101T         |                        |                        |                        |  |
|               | 0805          | C/1.0+0.10mm-0.05mm | K              | C0805X563K101T         |                        |                        |                        |  |
|               | 0805          | D/1.25+-0.20mm      | K              |                        | C0805X563K201T         | C0805X563K251T         |                        |  |
|               | 1206          | B/0.85+-0.15mm      | K              | C1206X563K101T         | C1206X563K201T         | C1206X563K251T         |                        |  |
|               | 1206          | C/1.0+0.10mm-0.05mm | K              | C1206X563K101T         |                        | C1206X563K251T         |                        |  |
|               | 1206          | D/1.25+-0.20mm      | K              |                        |                        | C1206X563K251T         |                        |  |
|               | 1210          | C/1.0+0.10mm-0.05mm | K              | C1210X563K101T         | C1210X563K201T         | C1210X563K251T         |                        |  |
|               | 1812          | D/1.25+-0.20mm      | K              | C1812X563K101T         | C1812X563K201T         | C1812X563K251T         |                        |  |
|               | 2220          | D/1.25+-0.20mm      | K              | C2220X563K101T         | C2220X563K201T         | C2220X563K251T         |                        |  |
|               | 1825          | D/1.25+-0.20mm      | K              | C1825X563K101T         |                        |                        |                        |  |
|               | 2225          | D/1.25+-0.20mm      | K              | C2225X563K101T         | C2225X563K201T         | C2225X563K251T         |                        |  |

| Cap.           | Size          | Thickness           | Cap. Tol.      | Catalog Number         |                        |                        |                        |
|----------------|---------------|---------------------|----------------|------------------------|------------------------|------------------------|------------------------|
|                |               |                     |                | Rated Voltage Vdc 100V | Rated Voltage Vdc 200V | Rated Voltage Vdc 250V | Rated Voltage Vdc 300V |
| 683<br>(68nF)  | 0603          | B/0.85+-0.15mm      | K              |                        |                        |                        |                        |
|                | 0805          | B/0.85+-0.15mm      | K              | C0805X683K101T         |                        |                        |                        |
|                | 0805          | C/1.0+0.10mm-0.05mm | K              | C0805X683K101T         |                        |                        |                        |
|                | 0805          | D/1.25+-0.20mm      | K              |                        | C0805X683K201T         | C0805X683K251T         |                        |
|                | 1206          | B/0.85+-0.15mm      | K              | C1206X683K101T         | C1206X683K201T         | C1206X683K251T         |                        |
|                | 1206          | C/1.0+0.10mm-0.05mm | K              | C1206X683K101T         |                        |                        |                        |
|                | 1206          | D/1.25+-0.20mm      | K              | C1206X683K101T         | C1206X683K201T         | C1206X683K251T         |                        |
|                | 1206          | E/1.6+-0.2mm        | K              |                        | C1206X683K201T         | C1206X683K251T         |                        |
|                | 1210          | C/1.0+0.10mm-0.05mm | K              | C1210X683K101T         | C1210X683K201T         | C1210X683K251T         |                        |
|                | 1812          | D/1.25+-0.20mm      | K              | C1812X683K101T         | C1812X683K201T         | C1812X683K251T         |                        |
|                | 2220          | D/1.25+-0.20mm      | K              | C2220X683K101T         | C2220X683K201T         | C2220X683K251T         |                        |
|                | 1825          | D/1.25+-0.20mm      | K              | C1825X683K101T         |                        |                        |                        |
|                | 2225          | D/1.25+-0.20mm      | K              | C2225X683K101T         | C2225X683K201T         | C2225X683K251T         |                        |
|                | 823<br>(82nF) | 0603                | B/0.85+-0.15mm | K                      |                        |                        |                        |
| 0805           |               | B/0.85+-0.15mm      | K              | C0805X823K101T         |                        |                        |                        |
| 0805           |               | C/1.0+0.10mm-0.05mm | K              | C0805X823K101T         |                        |                        |                        |
| 1206           |               | B/0.85+-0.15mm      | K              | C1206X823K101T         | C1206X823K201T         | C1206X823K251T         |                        |
| 1206           |               | C/1.0+0.10mm-0.05mm | K              |                        |                        |                        |                        |
| 1210           |               | C/1.0+0.10mm-0.05mm | K              | C1210X823K101T         | C1210X823K201T         | C1210X823K251T         |                        |
| 1812           |               | D/1.25+-0.20mm      | K              | C1812X823K101T         | C1812X823K201T         | C1812X823K251T         |                        |
| 2220           |               | D/1.25+-0.20mm      | K              | C2220X823K101T         | C2220X823K201T         | C2220X823K251T         |                        |
| 1825           |               | D/1.25+-0.20mm      | K              | C1825X823K101T         |                        |                        |                        |
| 2225           |               | D/1.25+-0.20mm      | K              | C2225X823K101T         | C2225X823K201T         | C2225X823K251T         |                        |
| 104<br>(100nF) | 0603          | B/0.85+-0.15mm      | K              |                        |                        |                        |                        |
|                | 0805          | B/0.85+-0.15mm      | K              | C0805X104K101T         |                        |                        |                        |
|                | 0805          | C/1.0+0.10mm-0.05mm | K              | C0805X104K101T         |                        |                        |                        |
|                | 1206          | B/0.85+-0.15mm      | K              | C1206X104K101T         | C1206X104K201T         | C1206X104K251T         |                        |
|                | 1206          | C/1.0+0.10mm-0.05mm | K              | C1206X104K101T         |                        | C1206X104K251T         |                        |
|                | 1206          | D/1.25+-0.20mm      | K              | C1206X104K101T         | C1206X104K201T         | C1206X104K251T         |                        |
|                | 1206          | E/1.6+-0.2mm        | K              | C1206X104K101T         | C1206X104K201T         | C1206X104K251T         |                        |
|                | 1210          | C/1.0+0.10mm-0.05mm | K              | C1210X104K101T         | C1210X104K201T         | C1210X104K251T         |                        |
|                | 1210          | D/1.25+-0.20mm      | K              |                        |                        | C1210X104K251T         |                        |
|                | 1812          | D/1.25+-0.20mm      | K              | C1812X104K101T         | C1812X104K201T         | C1812X104K251T         |                        |
|                | 2220          | D/1.25+-0.20mm      | K              | C2220X104K101T         | C2220X104K201T         | C2220X104K251T         |                        |
|                | 1825          | D/1.25+-0.20mm      | K              | C1825X104K101T         |                        |                        |                        |
|                | 2225          | D/1.25+-0.20mm      | K              | C2225X104K101T         | C2225X104K201T         | C2225X104K251T         |                        |
|                | 2225          | E/1.6+-0.2mm        | K              |                        |                        | C2225X104K251T         |                        |
| 124<br>(120nF) | 0805          | C/1.0+0.10mm-0.05mm | K              | C0805X124K101T         |                        |                        |                        |
|                | 1206          | B/0.85+-0.15mm      | K              | C1206X124K101T         |                        |                        |                        |
|                | 1206          | C/1.0+0.10mm-0.05mm | K              | C1206X124K101T         | C1206X124K201T         |                        |                        |
|                | 1206          | D/1.25+-0.20mm      | K              |                        |                        | C1206X124K251T         |                        |
|                | 1210          | C/1.0+0.10mm-0.05mm | K              | C1210X124K101T         | C1210X124K201T         | C1210X124K251T         |                        |
|                | 1210          | D/1.25+-0.20mm      | K              |                        |                        | C1210X124K251T         |                        |
|                | 1812          | D/1.25+-0.20mm      | K              | C1812X124K101T         | C1812X124K201T         | C1812X124K251T         |                        |
|                | 2220          | D/1.25+-0.20mm      | K              | C2220X124K101T         | C2220X124K201T         | C2220X124K251T         |                        |
|                | 1825          | D/1.25+-0.20mm      | K              | C1825X124K101T         |                        |                        |                        |
|                | 2225          | D/1.25+-0.20mm      | K              | C2225X124K101T         | C2225X124K201T         | C2225X124K251T         |                        |

| Cap.           | Size           | Thickness           | Cap. Tol.      | Catalog Number         |                        |                        |                        |
|----------------|----------------|---------------------|----------------|------------------------|------------------------|------------------------|------------------------|
|                |                |                     |                | Rated Voltage Vdc 100V | Rated Voltage Vdc 200V | Rated Voltage Vdc 250V | Rated Voltage Vdc 300V |
| 154<br>(150nF) | 0805           | C/1.0+0.10mm-0.05mm | K              | C0805X154K101T         |                        |                        |                        |
|                | 1206           | B/0.85+-0.15mm      | K              | C1206X154K101T         |                        |                        |                        |
|                | 1206           | C/1.0+0.10mm-0.05mm | K              | C1206X154K101T         |                        |                        |                        |
|                | 1206           | D/1.25+-0.20mm      | K              |                        | C1206X154K201T         | C1206X154K251T         |                        |
|                | 1210           | C/1.0+0.10mm-0.05mm | K              | C1210X154K101T         | C1210X154K201T         | C1210X154K251T         |                        |
|                | 1210           | D/1.25+-0.20mm      | K              |                        |                        |                        |                        |
|                | 1812           | D/1.25+-0.20mm      | K              | C1812X154K101T         | C1812X154K201T         | C1812X154K251T         |                        |
|                | 2220           | D/1.25+-0.20mm      | K              | C2220X154K101T         | C2220X154K201T         | C2220X154K251T         |                        |
|                | 1825           | D/1.25+-0.20mm      | K              | C1825X154K101T         |                        |                        |                        |
|                | 2225           | D/1.25+-0.20mm      | K              | C2225X154K101T         | C2225X154K201T         | C2225X154K251T         |                        |
| 184<br>(180nF) | 0805           | C/1.0+0.10mm-0.05mm | K              | C0805X184K101T         |                        |                        |                        |
|                | 1206           | B/0.85+-0.15mm      | K              | C1206X184K101T         |                        |                        |                        |
|                | 1206           | C/1.0+0.10mm-0.05mm | K              | C1206X184K101T         |                        |                        |                        |
|                | 1206           | D/1.25+-0.20mm      | K              |                        | C1206X184K201T         | C1206X184K251T         |                        |
|                | 1206           | E/1.6+-0.2mm        | K              |                        |                        | C1206X184K251T         |                        |
|                | 1210           | C/1.0+0.10mm-0.05mm | K              | C1210X184K101T         |                        |                        |                        |
|                | 1210           | D/1.25+-0.20mm      | K              |                        | C1210X184K201T         | C1210X184K251T         |                        |
|                | 1812           | D/1.25+-0.20mm      | K              | C1812X184K101T         | C1812X184K201T         | C1812X184K251T         |                        |
|                | 2220           | D/1.25+-0.20mm      | K              | C2220X184K101T         | C2220X184K201T         | C2220X184K251T         |                        |
|                | 1825           | D/1.25+-0.20mm      | K              | C1825X184K101T         |                        |                        |                        |
| 2225           | D/1.25+-0.20mm | K                   | C2225X184K101T | C2225X184K201T         | C2225X184K251T         |                        |                        |
| 224<br>(220nF) | 0805           | C/1.0+0.10mm-0.05mm | K              | C0805X224K101T         |                        |                        |                        |
|                | 1206           | B/0.85+-0.15mm      | K              | C1206X224K101T         |                        |                        |                        |
|                | 1206           | C/1.0+0.10mm-0.05mm | K              | C1206X224K101T         |                        |                        |                        |
|                | 1206           | D/1.25+-0.20mm      | K              |                        | C1206X224K201T         | C1206X224K251T         |                        |
|                | 1206           | E/1.6+-0.2mm        | K              | C1206X224K101T         | C1206X224K201T         | C1206X224K251T         |                        |
|                | 1210           | C/1.0+0.10mm-0.05mm | K              | C1210X224K101T         |                        |                        |                        |
|                | 1210           | D/1.25+-0.20mm      | K              |                        | C1210X224K201T         | C1210X224K251T         |                        |
|                | 1210           | E/1.6+-0.2mm        | K              |                        |                        | C1210X224K251T         |                        |
|                | 1812           | D/1.25+-0.20mm      | K              | C1812X224K101T         | C1812X224K201T         | C1812X224K251T         |                        |
|                | 2220           | D/1.25+-0.20mm      | K              | C2220X224K101T         | C2220X224K201T         | C2220X224K251T         |                        |
| 1825           | D/1.25+-0.20mm | K                   | C1825X224K101T |                        |                        |                        |                        |
| 2225           | D/1.25+-0.20mm | K                   | C2225X224K101T | C2225X224K201T         | C2225X224K251T         |                        |                        |
| 274<br>(270nF) | 0805           | D/1.25+-0.20mm      | K              | C0805X274K101T         |                        |                        |                        |
|                | 1206           | C/1.0+0.10mm-0.05mm | K              | C1206X274K101T         |                        |                        |                        |
|                | 1206           | D/1.25+-0.20mm      | K              | C1206X274K101T         |                        |                        |                        |
|                | 1210           | C/1.0+0.10mm-0.05mm | K              | C1210X274K101T         |                        |                        |                        |
|                | 1210           | D/1.25+-0.20mm      | K              |                        | C1210X274K201T         | C1210X274K251T         |                        |
|                | 1812           | D/1.25+-0.20mm      | K              | C1812X274K101T         | C1812X274K201T         | C1812X274K251T         |                        |
|                | 2220           | D/1.25+-0.20mm      | K              | C2220X274K101T         | C2220X274K201T         | C2220X274K251T         |                        |
|                | 1825           | D/1.25+-0.20mm      | K              | C1825X274K101T         |                        |                        |                        |
| 2225           | D/1.25+-0.20mm | K                   | C2225X274K101T | C2225X274K201T         | C2225X274K251T         |                        |                        |

| Cap.           | Size           | Thickness           | Cap. Tol.      | Catalog Number         |                        |                        |                        |
|----------------|----------------|---------------------|----------------|------------------------|------------------------|------------------------|------------------------|
|                |                |                     |                | Rated Voltage Vdc 100V | Rated Voltage Vdc 200V | Rated Voltage Vdc 250V | Rated Voltage Vdc 300V |
| 334<br>(330nF) | 0805           | D/1.25+-0.20mm      | K              | C0805X334K101T         |                        |                        |                        |
|                | 1206           | E/1.6+-0.2mm        | K              | C1206X334K101T         |                        |                        |                        |
|                | 1210           | C/1.0+0.10mm-0.05mm | K              | C1210X334K101T         |                        |                        |                        |
|                | 1210           | D/1.25+-0.20mm      | K              |                        |                        | C1210X334K251T         |                        |
|                | 1210           | E/1.6+-0.2mm        | K              |                        | C1210X334K201T         | C1210X334K251T         |                        |
|                | 1812           | D/1.25+-0.20mm      | K              | C1812X334K101T         | C1812X334K201T         | C1812X334K251T         |                        |
|                | 1812           | E/1.6+-0.2mm        | K              |                        |                        | C1812X334K251T         | C1812X334K301T         |
|                | 1812           | F/2.0+-0.2mm        | K              |                        |                        |                        | C1812X334K301T         |
|                | 2220           | D/1.25+-0.20mm      | K              | C2220X334K101T         | C2220X334K201T         | C2220X334K251T         |                        |
|                | 1825           | D/1.25+-0.20mm      | K              | C1825X334K101T         |                        |                        |                        |
| 2225           | D/1.25+-0.20mm | K                   | C2225X334K101T | C2225X334K201T         | C2225X334K251T         |                        |                        |
| 394<br>(390nF) | 0805           | D/1.25+-0.20mm      | K              | C0805X394K10TT         |                        |                        |                        |
|                | 1206           | E/1.6+-0.2mm        | K              | C1206X394K10TT         |                        |                        |                        |
|                | 1210           | C/1.0+0.10mm-0.05mm | K              | C1210X394K10TT         |                        |                        |                        |
|                | 1210           | E/1.6+-0.2mm        | K              |                        | C1210X394K201T         | C1210X394K251T         |                        |
|                | 1812           | D/1.25+-0.20mm      | K              | C1812X394K10TT         | C1812X394K201T         | C1812X394K251T         |                        |
|                | 1812           | E/1.6+-0.2mm        | K              |                        |                        | C1812X394K251T         |                        |
|                | 2220           | D/1.25+-0.20mm      | K              | C2220X394K10TT         | C2220X394K201T         | C2220X394K251T         |                        |
| 1825           | D/1.25+-0.20mm | K                   | C1825X394K10TT |                        |                        |                        |                        |
| 2225           | D/1.25+-0.20mm | K                   | C2225X394K10TT | C2225X394K201T         | C2225X394K251T         |                        |                        |
| 474<br>(470nF) | 0805           | D/1.25+-0.20mm      | K              | C0805X474K101T         |                        |                        |                        |
|                | 1206           | E/1.6+-0.2mm        | K              | C1206X474K101T         |                        |                        |                        |
|                | 1210           | C/1.0+0.10mm-0.05mm | K              | C1210X474K101T         |                        |                        |                        |
|                | 1210           | E/1.6+-0.2mm        | K              |                        | C1210X474K201T         |                        |                        |
|                | 1210           | F/2.0+-0.2mm        | K              |                        |                        | C1210X474K251T         |                        |
|                | 1812           | D/1.25+-0.20mm      | K              | C1812X474K101T         | C1812X474K201T         | C1812X474K251T         |                        |
|                | 1812           | E/1.6+-0.2mm        | K              |                        |                        | C1812X474K201T         | C1812X474K301T         |
|                | 1812           | F/2.0+-0.2mm        | K              |                        |                        |                        | C1812X474K301T         |
|                | 2220           | D/1.25+-0.20mm      | K              | C2220X474K101T         | C2220X474K201T         | C2220X474K251T         |                        |
|                | 1825           | D/1.25+-0.20mm      | K              | C1825X474K101T         |                        |                        |                        |
| 2225           | D/1.25+-0.20mm | K                   | C2225X474K101T | C2225X474K201T         | C2225X474K251T         |                        |                        |
| 564<br>(560nF) | 1206           | E/1.6+-0.2mm        | K              | C1206X564K101T         |                        |                        |                        |
|                | 1210           | D/1.25+-0.20mm      | K              | C1210X564K101T         |                        |                        |                        |
|                | 1210           | G/2.4+-0.2mm        | K              |                        | C1210X564K201T         | C1210X564K251T         |                        |
|                | 1812           | D/1.25+-0.20mm      | K              | C1812X564K101T         | C1812X564K201T         | C1812X564K251T         |                        |
|                | 1812           | E/1.6+-0.2mm        | K              |                        |                        | C1812X564K251T         |                        |
|                | 2220           | D/1.25+-0.20mm      | K              | C2220X564K101T         | C2220X564K201T         | C2220X564K251T         |                        |
|                | 1825           | D/1.25+-0.20mm      | K              | C1825X564K101T         |                        |                        |                        |
| 2225           | D/1.25+-0.20mm | K                   | C2225X564K101T | C2225X564K201T         | C2225X564K251T         |                        |                        |
| 684<br>(680nF) | 1206           | E/1.6+-0.2mm        | K              | C1206X684K101T         |                        |                        |                        |
|                | 1210           | E/1.6+-0.2mm        | K              | C1210X684K101T         |                        |                        |                        |
|                | 1210           | G/2.4+-0.2mm        | K              |                        | C1210X684K201T         | C1210X684K251T         |                        |
|                | 1812           | E/1.6+-0.2mm        | K              | C1812X684K101T         | C1812X684K201T         | C1812X684K251T         |                        |
|                | 1812           | F/2.0+-0.2mm        | K              |                        |                        | C1812X684K251T         |                        |
|                | 2220           | D/1.25+-0.20mm      | K              | C2220X684K101T         | C2220X684K201T         | C2220X684K251T         |                        |
|                | 2220           | H/2.8±0.2mm         | K              |                        |                        | C2220X684K251T         |                        |
| 1825           | D/1.25+-0.20mm | K                   | C1825X684K101T |                        |                        |                        |                        |
| 2225           | D/1.25+-0.20mm | K                   | C2225X684K101T | C2225X684K201T         | C2225X684K251T         |                        |                        |

| Cap.           | Size | Thickness        | Cap. Tol. | Catalog Number         |                        |                        |                        |
|----------------|------|------------------|-----------|------------------------|------------------------|------------------------|------------------------|
|                |      |                  |           | Rated Voltage Vdc 100V | Rated Voltage Vdc 200V | Rated Voltage Vdc 250V | Rated Voltage Vdc 300V |
| 824<br>(820nF) | 1206 | E/1.6+-0.2mm     | K         | C1206X824K101T         |                        |                        |                        |
|                | 1210 | F/2.0±0.2mm      | K         | C1210X824K101T         |                        |                        |                        |
|                | 1812 | E/1.6+-0.2mm     | K         | C1812X824K101T         | C1812X824K201T         | C1812X824K251T         |                        |
|                | 1812 | F/2.0±0.2mm      | K         |                        |                        | C1812X824K251T         |                        |
|                | 2220 | D/1.25+-0.20mm   | K         | C2220X824K101T         | C2220X824K201T         | C2220X824K251T         |                        |
|                | 1825 | D/1.25+-0.20mm   | K         | C1825X824K101T         |                        |                        |                        |
|                | 2225 | D/1.25+-0.20mm   | K         | C2225X824K101T         | C2225X824K201T         | C2225X824K251T         |                        |
| 105<br>(1µF)   | 1206 | E/1.6+-0.2mm     | K         | C1206X105K101T         |                        |                        |                        |
|                | 1210 | F/2.0±0.2mm      | K         | C1210X105K101T         |                        |                        |                        |
|                | 1812 | E/1.6+-0.2mm     | K         | C1812X105K101T         | C1812X105K201T         |                        |                        |
|                | 1812 | F/2.0±0.2mm      | K         |                        |                        | C1812X105K251T         |                        |
|                | 1812 | G/2.4±0.2mm      | K         |                        |                        | C1812X105K251T         |                        |
|                | 2220 | D/1.25+-0.20mm   | K         | C2220X105K101T         |                        |                        |                        |
|                | 2220 | E/1.6+-0.2mm     | K         | C2220X105K101T         |                        | C2220X105K251T         |                        |
|                | 1825 | D/1.25+-0.20mm   | K         | C1825X105K101T         |                        |                        |                        |
|                | 2225 | D/1.25+-0.20mm   | K         | C2225X105K101T         | C2225X105K201T         | C2225X105K251T         |                        |
|                | 2225 | E/1.6+-0.2mm     | K         |                        | C2225X105K201T         |                        |                        |
| 225<br>(2.2µF) | 1206 | E/1.6+-0.2mm     | K         | C1206X225K101T         |                        |                        |                        |
|                | 1210 | F/2.0±0.2mm      | K         | C1206X225K101T         |                        |                        |                        |
|                | 1812 | F/2.0±0.2mm      | K         | C1812X225K101T         |                        |                        |                        |
|                | 1812 | G/2.4±0.2mm      | K         | C1812X225K101T         |                        |                        |                        |
|                | 2220 | F/2.0±0.2mm      | K         | C2220X225K101T         | C2220X225K201T         |                        |                        |
|                | 2225 | E/1.6+-0.2mm     | K         | C2225X225K101T         | C2225X225K201T         |                        |                        |
|                | 2225 | F/2.0±0.2mm      | K         |                        |                        | C2225X225K251T         |                        |
| 335<br>(3.3µF) | 1210 | F/2.0±0.2mm      | K         | C1210X335K101T         |                        |                        |                        |
|                | 1812 | G/2.4±0.2mm      | K         | C1812X335K101T         |                        |                        |                        |
|                | 2220 | F/2.0±0.2mm      | K         | C2220X335K101T         |                        |                        |                        |
| 475<br>(4.7µF) | 2225 | E/1.6+-0.2mm     | K         | C2225X335K101T         |                        |                        |                        |
|                | 1210 | F/2.0±0.2mm      | K         | C1210X475K101T         |                        |                        |                        |
|                | 1812 | G/2.4±0.2mm      | K         | C1812X475K101T         |                        |                        |                        |
| 685<br>(6.8µF) | 2220 | F/2.0±0.2mm      | K         | C2220X475K101T         |                        |                        |                        |
|                | 2225 | E/1.6+-0.2mm     | K         | C2225X475K101T         |                        |                        |                        |
| 106<br>(10µF)  | 685  | 2220 F/2.0±0.2mm | K         | C2220X685K101T         |                        |                        |                        |
|                | 106  | 2220 F/2.0±0.2mm | K         | C2220X106K101T         |                        |                        |                        |
|                |      | 2220 G/2.4±0.2mm | K         | C2220X106K101T         |                        |                        |                        |

| Cap.           | Size | Thickness          | Cap. Tol. | Catalog Number         |                        |                        |
|----------------|------|--------------------|-----------|------------------------|------------------------|------------------------|
|                |      |                    |           | Rated Voltage Vdc 450V | Rated Voltage Vdc 500V | Rated Voltage Vdc 630V |
| 221<br>(220pF) | 0805 | B/0.85+-0.15mm     | K         |                        | C0805X221K501T         | C0805X221K631T         |
|                | 1206 | B/0.85+-0.15mm     | K         |                        | C1206X221K501T         | C1206X221K631T         |
|                | 1206 | C/1.0+0.1mm-0.05mm | K         |                        | C1206X221K501T         |                        |
| 271<br>(270pF) | 0805 | B/0.85+-0.15mm     | K         |                        | C0805X271K501T         | C0805X271K631T         |
|                | 1206 | B/0.85+-0.15mm     | K         |                        | C1206X271K501T         | C1206X271K631T         |
|                | 1206 | C/1.0+0.1mm-0.05mm | K         |                        | C1206X271K501T         |                        |
| 331<br>(330pF) | 0805 | B/0.85+-0.15mm     | K         |                        | C0805X331K501T         | C0805X331K631T         |
|                | 0805 | C/1.0+0.1mm-0.05mm | K         |                        | C0805X331K501T         | C0805X331K631T         |
|                | 1206 | B/0.85+-0.15mm     | K         |                        | C1206X331K501T         | C1206X331K631T         |
| 391<br>(390pF) | 0805 | B/0.85+-0.15mm     | K         |                        | C0805X391K501T         | C0805X391K631T         |
|                | 1206 | B/0.85+-0.15mm     | K         |                        | C1206X391K501T         | C1206X391K631T         |
|                | 0805 | B/0.85+-0.15mm     | K         |                        | C0805X471K501T         | C0805X471K631T         |
| 471<br>(470pF) | 0805 | C/1.0+0.1mm-0.05mm | K         |                        |                        | C0805X471K631T         |
|                | 1206 | B/0.85+-0.15mm     | K         |                        | C1206X471K501T         | C1206X471K631T         |
|                | 1206 | C/1.0+0.1mm-0.05mm | K         |                        | C1206X471K501T         |                        |
| 561<br>(560pF) | 0805 | B/0.85+-0.15mm     | K         |                        | C0805X561K501T         | C0805X561K631T         |
|                | 1206 | B/0.85+-0.15mm     | K         |                        | C1206X561K501T         | C1206X561K631T         |
| 681<br>(680pF) | 0805 | B/0.85+-0.15mm     | K         |                        | C0805X681K501T         | C0805X681K631T         |
|                | 1206 | B/0.85+-0.15mm     | K         |                        | C1206X681K501T         | C1206X681K631T         |
| 821<br>(820pF) | 0805 | B/0.85+-0.15mm     | K         |                        | C0805X821K501T         | C0805X821K631T         |
|                | 1206 | B/0.85+-0.15mm     | K         |                        | C1206X821K501T         | C1206X821K631T         |
|                | 0805 | B/0.85+-0.15mm     | K         |                        | C0805X102K501T         | C0805X102K631T         |
| 102<br>(1nF)   | 1206 | B/0.85+-0.15mm     | K         |                        | C1206X102K501T         | C1206X102K631T         |
|                | 1206 | C/1.0+0.1mm-0.05mm | K         |                        | C1206X102K501T         | C1206X102K631T         |
|                | 1206 | D/1.25+-0.20mm     | K         |                        | C1206X102K501T         | C1206X102K631T         |
|                | 1210 | C/1.0+0.1mm-0.05mm | K         |                        | C1210X102K501T         |                        |
|                | 1210 | D/1.25+-0.20mm     | K         |                        | C1210X102K501T         |                        |
|                | 1812 | D/1.25+-0.20mm     | K         |                        | C1812X102K501T         |                        |
| 122<br>(1.2nF) | 2220 | D/1.25+-0.20mm     | K         |                        | C2220X102K501T         |                        |
|                | 0805 | B/0.85+-0.15mm     | K         |                        | C0805X122K501T         | C0805X122K631T         |
|                | 1206 | B/0.85+-0.15mm     | K         |                        | C1206X122K501T         | C1206X122K631T         |
|                | 1210 | C/1.0+0.1mm-0.05mm | K         |                        | C1210X122K501T         |                        |
|                | 1812 | D/1.25+-0.20mm     | K         |                        | C1812X122K501T         |                        |
| 152<br>(1.5nF) | 2220 | D/1.25+-0.20mm     | K         |                        | C2220X122K501T         |                        |
|                | 0805 | B/0.85+-0.15mm     | K         |                        | C0805X152K501T         | C0805X152K631T         |
|                | 1206 | B/0.85+-0.15mm     | K         |                        | C1206X152K501T         | C1206X152K631T         |
|                | 1206 | C/1.0+0.1mm-0.05mm | K         |                        | C1206X152K501T         |                        |
|                | 1206 | D/1.25+-0.20mm     | K         |                        |                        | C1206X152K631T         |
| 152<br>(1.5nF) | 1210 | C/1.0+0.1mm-0.05mm | K         |                        | C1210X152K501T         |                        |
|                | 1812 | D/1.25+-0.20mm     | K         |                        | C1812X152K501T         |                        |
|                | 2220 | D/1.25+-0.20mm     | K         |                        | C2220X152K501T         |                        |



| Cap.           | Size           | Thickness          | Cap. Tol. | Catalog Number         |                        |                        |
|----------------|----------------|--------------------|-----------|------------------------|------------------------|------------------------|
|                |                |                    |           | Rated Voltage Vdc 450V | Rated Voltage Vdc 500V | Rated Voltage Vdc 630V |
| 182<br>(1.8nF) | 0805           | B/0.85+-0.15mm     | K         |                        | C0805X182K501T         | C0805X182K631T         |
|                | 1206           | B/0.85+-0.15mm     | K         |                        | C1206X182K501T         | C1206X182K631T         |
|                | 1206           | C/1.0+0.1mm-0.05mm | K         |                        | C1206X182K501T         |                        |
|                | 1210           | C/1.0+0.1mm-0.05mm | K         |                        | C1210X182K501T         |                        |
|                | 1812           | D/1.25+-0.20mm     | K         |                        | C1812X182K501T         |                        |
|                | 2220           | D/1.25+-0.20mm     | K         |                        | C2220X182K501T         |                        |
| 222<br>(2.2nF) | 0805           | B/0.85+-0.15mm     | K         |                        | C0805X222K501T         | C0805X222K631T         |
|                | 0805           | C/1.0+0.1mm-0.05mm | K         |                        | C0805X222K501T         |                        |
|                | 1206           | B/0.85+-0.15mm     | K         |                        | C1206X222K501T         | C1206X222K631T         |
|                | 1206           | C/1.0+0.1mm-0.05mm | K         |                        | C1206X222K501T         |                        |
|                | 1206           | D/1.25+-0.20mm     | K         |                        |                        | C1206X222K631T         |
|                | 1210           | C/1.0+0.1mm-0.05mm | K         |                        | C1210X222K501T         |                        |
|                | 1210           | D/1.25+-0.20mm     | K         |                        | C1210X222K501T         |                        |
|                | 1808           | D/1.25+-0.20mm     | K         |                        | C1808X222K501T         |                        |
|                | 1812           | D/1.25+-0.20mm     | K         |                        | C1812X222K501T         |                        |
|                | 2220           | D/1.25+-0.20mm     | K         |                        | C2220X222K501T         |                        |
| 2225           | D/1.25+-0.20mm | K                  |           | C2225X222K501T         |                        |                        |
| 272<br>(2.7nF) | 0805           | B/0.85+-0.15mm     | K         |                        | C0805X272K501T         | C0805X272K631T         |
|                | 1206           | B/0.85+-0.15mm     | K         |                        | C1206X272K501T         | C1206X272K631T         |
|                | 1206           | C/1.0+0.1mm-0.05mm | K         |                        | C1206X272K501T         |                        |
|                | 1210           | C/1.0+0.1mm-0.05mm | K         |                        | C1210X272K501T         |                        |
|                | 1808           | D/1.25+-0.20mm     | K         |                        | C1808X272K501T         |                        |
|                | 1812           | D/1.25+-0.20mm     | K         |                        | C1812X272K501T         |                        |
|                | 2220           | D/1.25+-0.20mm     | K         |                        | C2220X272K501T         |                        |
|                | 2225           | D/1.25+-0.20mm     | K         |                        | C2225X272K501T         |                        |
| 332<br>(3.3nF) | 0805           | B/0.85+-0.15mm     | K         |                        | C0805X332K501T         | C0805X332K631T         |
|                | 1206           | B/0.85+-0.15mm     | K         |                        | C1206X332K501T         | C1206X332K631T         |
|                | 1206           | C/1.0+0.1mm-0.05mm | K         |                        | C1206X332K501T         |                        |
|                | 1206           | D/1.25+-0.20mm     | K         |                        |                        | C1206X332K631T         |
|                | 1210           | C/1.0+0.1mm-0.05mm | K         |                        | C1210X332K501T         |                        |
|                | 1210           | D/1.25+-0.20mm     | K         |                        | C1210X332K501T         |                        |
|                | 1808           | D/1.25+-0.20mm     | K         |                        | C1808X332K501T         |                        |
|                | 1812           | D/1.25+-0.20mm     | K         |                        | C1812X332K501T         |                        |
| 392<br>(3.9nF) | 2220           | D/1.25+-0.20mm     | K         |                        | C2220X332K501T         |                        |
|                | 2225           | D/1.25+-0.20mm     | K         |                        | C2225X332K501T         |                        |
|                | 0805           | B/0.85+-0.15mm     | K         |                        | C0805X392K501T         | C0805X392K631T         |
|                | 0805           | C/1.0+0.1mm-0.05mm | K         |                        | C0805X392K501T         |                        |
|                | 1206           | B/0.85+-0.15mm     | K         |                        | C1206X392K501T         | C1206X392K631T         |
|                | 1210           | C/1.0+0.1mm-0.05mm | K         |                        | C1210X392K501T         |                        |
|                | 1808           | D/1.25+-0.20mm     | K         |                        | C1808X392K501T         |                        |
|                | 1812           | D/1.25+-0.20mm     | K         |                        | C1812X392K501T         |                        |
|                | 2220           | D/1.25+-0.20mm     | K         |                        | C2220X392K501T         |                        |
|                | 2225           | D/1.25+-0.20mm     | K         |                        | C2225X392K501T         |                        |

| Cap.           | Size           | Thickness          | Cap. Tol.      | Catalog Number         |                        |                        |
|----------------|----------------|--------------------|----------------|------------------------|------------------------|------------------------|
|                |                |                    |                | Rated Voltage Vdc 450V | Rated Voltage Vdc 500V | Rated Voltage Vdc 630V |
| 472<br>(4.7nF) | 0805           | B/0.85+-0.15mm     | K              |                        | C0805X472K501T         | C0805X472K631T         |
|                | 0805           | C/1.0+0.1mm-0.05mm | K              |                        | C0805X472K501T         |                        |
|                | 1206           | B/0.85+-0.15mm     | K              |                        | C1206X472K501T         | C1206X472K631T         |
|                | 1206           | C/1.0+0.1mm-0.05mm | K              |                        | C1206X472K501T         |                        |
|                | 1206           | D/1.25+-0.20mm     | K              |                        |                        | C1206X472K631T         |
|                | 1210           | C/1.0+0.1mm-0.05mm | K              |                        | C1210X472K501T         |                        |
|                | 1210           | D/1.25+-0.20mm     | K              |                        | C1210X472K501T         | C1210X472K631T         |
|                | 1808           | D/1.25+-0.20mm     | K              |                        | C1808X472K501T         |                        |
|                | 1812           | D/1.25+-0.20mm     | K              |                        | C1812X472K501T         | C1812X472K631T         |
|                | 2220           | D/1.25+-0.20mm     | K              |                        | C2220X472K501T         |                        |
|                | 2225           | D/1.25+-0.20mm     | K              |                        | C2225X472K501T         |                        |
|                | 562<br>(5.6nF) | 0805               | B/0.85+-0.15mm | K                      |                        | C0805X562K501T         |
| 1206           |                | B/0.85+-0.15mm     | K              |                        | C1206X562K501T         | C1206X562K631T         |
| 1210           |                | C/1.0+0.1mm-0.05mm | K              |                        | C1210X562K501T         |                        |
| 1808           |                | D/1.25+-0.20mm     | K              |                        | C1808X562K501T         |                        |
| 1812           |                | D/1.25+-0.20mm     | K              |                        | C1812X562K501T         |                        |
| 2220           |                | D/1.25+-0.20mm     | K              |                        | C2220X562K501T         |                        |
| 682<br>(6.8nF) | 2225           | D/1.25+-0.20mm     | K              |                        | C2225X562K501T         |                        |
|                | 0805           | B/0.85+-0.15mm     | K              |                        | C0805X682K501T         | C0805X682K631T         |
|                | 0805           | C/1.0+0.1mm-0.05mm | K              |                        | C0805X682K501T         |                        |
|                | 1206           | B/0.85+-0.15mm     | K              |                        | C1206X682K501T         | C1206X682K631T         |
|                | 1206           | D/1.25+-0.20mm     | K              |                        | C1206X682K501T         | C1206X682K631T         |
|                | 1210           | C/1.0+0.1mm-0.05mm | K              |                        | C1210X682K501T         |                        |
|                | 1808           | D/1.25+-0.20mm     | K              |                        | C1808X682K501T         |                        |
|                | 1812           | D/1.25+-0.20mm     | K              |                        | C1812X682K501T         |                        |
|                | 2220           | D/1.25+-0.20mm     | K              |                        | C2220X682K501T         |                        |
|                | 2225           | D/1.25+-0.20mm     | K              |                        | C2225X682K501T         |                        |
| 822<br>(8.2nF) | 0805           | B/0.85+-0.15mm     | K              |                        | C0805X822K501T         | C0805X822K631T         |
|                | 1206           | B/0.85+-0.15mm     | K              |                        | C1206X822K501T         |                        |
|                | 1206           | C/1.0+0.1mm-0.05mm | K              |                        | C1206X822K501T         | C1206X822K631T         |
|                | 1210           | C/1.0+0.1mm-0.05mm | K              |                        | C1210X822K501T         |                        |
|                | 1808           | D/1.25+-0.20mm     | K              |                        | C1808X822K501T         |                        |
|                | 1812           | D/1.25+-0.20mm     | K              |                        | C1812X822K501T         |                        |
|                | 2220           | D/1.25+-0.20mm     | K              |                        | C2220X822K501T         |                        |
|                | 2225           | D/1.25+-0.20mm     | K              |                        | C2225X822K501T         |                        |
| 103<br>(10nF)  | 0805           | C/1.0+0.1mm-0.05mm | K              |                        | C0805X103K501T         | C0805X103K631T         |
|                | 1206           | B/0.85+-0.15mm     | K              |                        | C1206X103K501T         |                        |
|                | 1206           | C/1.0+0.1mm-0.05mm | K              |                        | C1206X103K501T         | C1206X103K631T         |
|                | 1206           | D/1.25+-0.20mm     | K              |                        | C1206X103K501T         | C1206X103K631T         |
|                | 1210           | C/1.0+0.1mm-0.05mm | K              |                        | C1210X103K501T         |                        |
|                | 1210           | D/1.25+-0.20mm     | K              |                        | C1210X103K501T         |                        |
|                | 1808           | D/1.25+-0.20mm     | K              |                        | C1808X103K501T         |                        |
|                | 1812           | D/1.25+-0.20mm     | K              |                        | C1812X103K501T         |                        |
|                | 2220           | D/1.25+-0.20mm     | K              |                        | C2220X103K501T         |                        |
|                | 2225           | D/1.25+-0.20mm     | K              |                        | C2225X103K501T         |                        |

| Cap.          | Size           | Thickness          | Cap. Tol. | Catalog Number         |                        |                        |
|---------------|----------------|--------------------|-----------|------------------------|------------------------|------------------------|
|               |                |                    |           | Rated Voltage Vdc 450V | Rated Voltage Vdc 500V | Rated Voltage Vdc 630V |
| 123<br>(12nF) | 0805           | C/1.0+0.1mm-0.05mm | K         |                        | C0805X123K501T         |                        |
|               | 0805           | D/1.25+-0.20mm     | K         |                        | C0805X123K501T         |                        |
|               | 1206           | C/1.0+0.1mm-0.05mm | K         |                        | C1206X123K501T         |                        |
|               | 1206           | D/1.25+-0.20mm     | K         |                        | C1206X123K501T         | C1206X123K631T         |
|               | 1210           | C/1.0+0.1mm-0.05mm | K         |                        | C1210X123K501T         |                        |
|               | 1808           | D/1.25+-0.20mm     | K         |                        | C1808X123K501T         |                        |
|               | 1812           | D/1.25+-0.20mm     | K         |                        | C1812X123K501T         |                        |
|               | 2220           | D/1.25+-0.20mm     | K         |                        | C2220X123K501T         |                        |
|               | 2225           | D/1.25+-0.20mm     | K         |                        | C2225X123K501T         |                        |
| 153<br>(15nF) | 0805           | C/1.0+0.1mm-0.05mm | K         |                        | C0805X153K501T         |                        |
|               | 1206           | C/1.0+0.1mm-0.05mm | K         |                        | C1206X153K501T         |                        |
|               | 1206           | D/1.25+-0.20mm     | K         |                        | C1206X153K501T         | C1206X153K631T         |
|               | 1210           | C/1.0+0.1mm-0.05mm | K         |                        | C1210X153K501T         |                        |
|               | 1808           | D/1.25+-0.20mm     | K         |                        | C1808X153K501T         |                        |
|               | 1812           | D/1.25+-0.20mm     | K         |                        | C1812X153K501T         |                        |
|               | 2220           | D/1.25+-0.20mm     | K         |                        | C2220X153K501T         |                        |
| 2225          | D/1.25+-0.20mm | K                  |           | C2225X153K501T         |                        |                        |
| 183<br>(18nF) | 0805           | C/1.0+0.1mm-0.05mm | K         |                        | C0805X183K501T         |                        |
|               | 0805           | D/1.25+-0.20mm     | K         |                        | C0805X183K501T         |                        |
|               | 1206           | C/1.0+0.1mm-0.05mm | K         |                        | C1206X183K501T         |                        |
|               | 1206           | D/1.25+-0.20mm     | K         |                        | C1206X183K501T         | C1206X183K631T         |
|               | 1210           | C/1.0+0.1mm-0.05mm | K         |                        | C1210X183K501T         |                        |
|               | 1808           | D/1.25+-0.20mm     | K         |                        | C1808X183K501T         |                        |
|               | 1812           | D/1.25+-0.20mm     | K         |                        | C1812X183K501T         |                        |
|               | 2220           | D/1.25+-0.20mm     | K         |                        | C2220X183K501T         |                        |
|               | 2225           | D/1.25+-0.20mm     | K         |                        | C2225X183K501T         |                        |
| 223<br>(22nF) | 0805           | C/1.0+0.1mm-0.05mm | K         |                        | C0805X223K501T         |                        |
|               | 0805           | D/1.25+-0.20mm     | K         |                        | C0805X223K501T         |                        |
|               | 1206           | C/1.0+0.1mm-0.05mm | K         |                        | C1206X223K501T         |                        |
|               | 1206           | D/1.25+-0.20mm     | K         |                        | C1206X223K501T         | C1206X223K631T         |
|               | 1210           | C/1.0+0.1mm-0.05mm | K         |                        | C1210X223K501T         |                        |
|               | 1210           | D/1.25+-0.20mm     | K         |                        | C1210X223K501T         | C1210X223K631T         |
|               | 1808           | D/1.25+-0.20mm     | K         |                        | C1808X223K501T         |                        |
|               | 1812           | D/1.25+-0.20mm     | K         |                        | C1812X223K501T         |                        |
|               | 2220           | D/1.25+-0.20mm     | K         |                        | C2220X223K501T         |                        |
|               | 2220           | E/1.6±0.2mm        | K         |                        |                        | C2220X223K631T         |
| 273<br>(27nF) | 1206           | C/1.0+0.1mm-0.05mm | K         |                        | C1206X273K501T         |                        |
|               | 1206           | D/1.25+-0.20mm     | K         |                        | C1206X273K501T         | C1206X273K631T         |
|               | 1210           | C/1.0+0.1mm-0.05mm | K         |                        | C1210X273K501T         |                        |
|               | 1210           | D/1.25+-0.20mm     | K         |                        | C1210X273K501T         |                        |
|               | 1808           | D/1.25+-0.20mm     | K         |                        | C1808X273K501T         |                        |
|               | 1812           | D/1.25+-0.20mm     | K         |                        | C1812X273K501T         |                        |
|               | 2220           | D/1.25+-0.20mm     | K         |                        | C2220X273K501T         |                        |
| 2225          | D/1.25+-0.20mm | K                  |           | C2225X273K501T         |                        |                        |

| Cap.          | Size           | Thickness          | Cap. Tol.      | Catalog Number         |                        |                        |
|---------------|----------------|--------------------|----------------|------------------------|------------------------|------------------------|
|               |                |                    |                | Rated Voltage Vdc 450V | Rated Voltage Vdc 500V | Rated Voltage Vdc 630V |
| 333<br>(33nF) | 1206           | C/1.0+0.1mm-0.05mm | K              |                        | C1206X333K501T         |                        |
|               | 1206           | D/1.25+-0.20mm     | K              |                        | C1206X333K501T         | C1206X333K631T         |
|               | 1206           | E/1.6±0.2mm        | K              |                        |                        | C1206X333K631T         |
|               | 1210           | C/1.0+0.1mm-0.05mm | K              |                        | C1210X333K501T         |                        |
|               | 1210           | D/1.25+-0.20mm     | K              |                        | C1210X333K501T         |                        |
|               | 1210           | E/1.6±0.2mm        | K              |                        | C1210X333K501T         | C1210X333K631T         |
|               | 1808           | D/1.25+-0.20mm     | K              |                        | C1808X333K501T         |                        |
|               | 1812           | D/1.25+-0.20mm     | K              |                        | C1812X333K501T         |                        |
|               | 2220           | D/1.25+-0.20mm     | K              |                        | C2220X333K501T         |                        |
|               | 2225           | D/1.25+-0.20mm     | K              |                        | C2225X333K501T         |                        |
| 393<br>(39nF) | 1206           | D/1.25+-0.20mm     | K              |                        | C1206X393K501T         |                        |
|               | 1206           | E/1.6±0.2mm        | K              |                        |                        | C1206X393K631T         |
|               | 1210           | C/1.0+0.1mm-0.05mm | K              |                        | C1210X393K501T         |                        |
|               | 1210           | D/1.25+-0.20mm     | K              |                        | C1210X393K501T         |                        |
|               | 1210           | E/1.6±0.2mm        | K              |                        | C1210X393K501T         |                        |
|               | 1808           | D/1.25+-0.20mm     | K              |                        | C1808X393K501T         |                        |
|               | 1812           | D/1.25+-0.20mm     | K              |                        | C1812X393K501T         |                        |
|               | 2220           | D/1.25+-0.20mm     | K              |                        | C2220X393K501T         |                        |
|               | 2225           | D/1.25+-0.20mm     | K              |                        | C2225X393K501T         |                        |
|               | 473<br>(47nF)  | 1206               | D/1.25+-0.20mm | K                      |                        | C1206X473K501T         |
| 1206          |                | E/1.6±0.2mm        | K              |                        |                        | C1206X473K631T         |
| 1210          |                | C/1.0+0.1mm-0.05mm | K              |                        | C1210X473K501T         |                        |
| 1210          |                | D/1.25+-0.20mm     | K              |                        | C1210X473K501T         | C1210X473K631T         |
| 1210          |                | E/1.6±0.2mm        | K              |                        | C1210X473K501T         | C1210X473K631T         |
| 1808          |                | D/1.25+-0.20mm     | K              |                        | C1808X473K501T         |                        |
| 1808          |                | F/2.0+-0.2mm       | K              |                        | C1808X473K501T         | C1808X473K631T         |
| 1812          |                | D/1.25+-0.20mm     | K              |                        | C1812X473K501T         |                        |
| 1812          |                | E/1.6±0.2mm        | K              |                        | C1812X473K501T         |                        |
| 1812          |                | F/2.0+-0.2mm       | K              |                        |                        | C1812X473K631T         |
| 563<br>(56nF) | 2220           | D/1.25+-0.20mm     | K              |                        | C2220X473K501T         |                        |
|               | 2225           | D/1.25+-0.20mm     | K              |                        | C2225X473K501T         |                        |
|               | 1206           | D/1.25+-0.20mm     | K              |                        | C1206X563K501T         |                        |
|               | 1210           | C/1.0+0.1mm-0.05mm | K              |                        | C1210X563K501T         |                        |
|               | 1210           | D/1.25+-0.20mm     | K              |                        | C1210X563K501T         |                        |
|               | 1210           | E/1.6±0.2mm        | K              |                        | C1210X563K501T         |                        |
|               | 1210           | F/2.0+-0.2mm       | K              |                        | C1210X563K501T         |                        |
|               | 1812           | D/1.25+-0.20mm     | K              |                        | C1812X563K501T         |                        |
|               | 1812           | E/1.6±0.2mm        | K              |                        | C1812X563K501T         |                        |
|               | 2220           | D/1.25+-0.20mm     | K              |                        | C2220X563K501T         |                        |
| 2225          | D/1.25+-0.20mm | K                  |                | C2225X563K501T         |                        |                        |

| Cap.           | Size | Thickness          | Cap. Tol. | Catalog Number         |                        |                        |
|----------------|------|--------------------|-----------|------------------------|------------------------|------------------------|
|                |      |                    |           | Rated Voltage Vdc 450V | Rated Voltage Vdc 500V | Rated Voltage Vdc 630V |
| 683<br>(68nF)  | 1206 | E/1.6±0.2mm        | K         |                        | C1206X683K501T         |                        |
|                | 1210 | C/1.0+0.1mm-0.05mm | K         |                        | C1210X683K501T         |                        |
|                | 1210 | D/1.25+-0.20mm     | K         |                        | C1210X683K501T         |                        |
|                | 1210 | E/1.6±0.2mm        | K         |                        | C1210X683K501T         |                        |
|                | 1210 | F/2.0+-0.2mm       | K         |                        | C1210X683K501T         | C1210X683K631T         |
|                | 1210 | G/2.4±0.2mm        | K         |                        | C1210X683K501T         | C1210X683K631T         |
|                | 1812 | D/1.25+-0.20mm     | K         |                        | C1812X683K501T         |                        |
|                | 1812 | F/2.0+-0.2mm       | K         |                        |                        | C1812X683K631T         |
|                | 2220 | D/1.25+-0.20mm     | K         |                        | C2220X683K501T         |                        |
|                | 2225 | D/1.25+-0.20mm     | K         |                        | C2225X683K501T         |                        |
| 823<br>(82nF)  | 1210 | D/1.25+-0.20mm     | K         |                        | C1210X823K501T         |                        |
|                | 1210 | E/1.6±0.2mm        | K         |                        | C1210X823K501T         |                        |
|                | 1210 | F/2.0+-0.2mm       | K         |                        | C1210X823K501T         |                        |
|                | 1812 | D/1.25+-0.20mm     | K         |                        | C1812X823K501T         |                        |
|                | 2220 | D/1.25+-0.20mm     | K         |                        | C2220X823K501T         |                        |
|                | 2225 | D/1.25+-0.20mm     | K         |                        | C2225X823K501T         |                        |
| 104<br>(100nF) | 1206 | E/1.6+-0.2mm       | K         | C1206X104K451T         |                        |                        |
|                | 1210 | F/2.0+-0.2mm       | K         |                        | C1210X104K501T         |                        |
|                | 1812 | E/1.6+-0.2mm       | K         |                        | C1812X104K501T         | C1812X104K631T         |
|                | 1812 | G/2.4+-0.2mm       | K         |                        |                        | C1812X104K631T         |
|                | 2220 | D/1.25+-0.20mm     | K         |                        | C2220X104K501T         |                        |
|                | 2220 | E/1.6+-0.2mm       | K         |                        | C2220X104K501T         |                        |
|                | 2225 | D/1.25+-0.20mm     | K         |                        | C2225X104K501T         |                        |
| 124<br>(120nF) | 1812 | E/1.6+-0.2mm       | K         |                        | C1812X124K501T         |                        |
|                | 2220 | D/1.25+-0.20mm     | K         |                        | C2220X124K501T         |                        |
|                | 2225 | D/1.25+-0.20mm     | K         |                        | C2225X124K501T         |                        |
| 154<br>(150nF) | 1812 | F/2.0+-0.2mm       | K         |                        | C1812X154K501T         |                        |
|                | 2220 | D/1.25+-0.20mm     | K         |                        | C2220X154K501T         |                        |
|                | 2225 | D/1.25+-0.20mm     | K         |                        | C2225X154K501T         |                        |
| 184<br>(180nF) | 1812 | F/2.0+-0.2mm       | K         |                        | C1812X184K501T         |                        |
|                | 2220 | D/1.25+-0.20mm     | K         |                        | C2220X184K501T         |                        |
|                | 2225 | D/1.25+-0.20mm     | K         |                        | C2225X184K501T         |                        |
| 224<br>(220nF) | 1210 | F/2.0+-0.2mm       | K         | C1210X224K451T         |                        |                        |
|                | 1812 | F/2.0+-0.2mm       | K         |                        | C1812X224K501T         |                        |
|                | 1812 | H/2.8+-0.2mm       | K         |                        | C1812X224K501T         |                        |
|                | 2220 | E/1.6+-0.2mm       | K         |                        | C2220X224K501T         | C2220X224K631T         |
|                | 2225 | D/1.25+-0.20mm     | K         |                        | C2225X224K501T         |                        |
|                | 2225 | E/1.6+-0.2mm       | K         |                        | C2225X224K501T         |                        |
| 274<br>(270nF) | 1812 | F/2.0+-0.2mm       | K         |                        | C1812X274K501T         |                        |
|                | 1812 | H/2.8+-0.2mm       | K         |                        | C1812X274K501T         |                        |
|                | 2220 | E/1.6+-0.2mm       | K         |                        | C2220X274K501T         |                        |
|                | 2225 | D/1.25+-0.20mm     | K         |                        | C2225X274K501T         |                        |

| Cap.           | Size | Thickness      | Cap. Tol. | Catalog Number         |                        |                        |
|----------------|------|----------------|-----------|------------------------|------------------------|------------------------|
|                |      |                |           | Rated Voltage Vdc 450V | Rated Voltage Vdc 500V | Rated Voltage Vdc 630V |
| 334<br>(330nF) | 1812 | F/2.0+-0.2mm   | K         |                        | C1812X334K501T         |                        |
|                | 1812 | H/2.8+-0.2mm   | K         |                        | C1812X334K501T         |                        |
|                | 2220 | E/1.6+-0.2mm   | K         |                        | C2220X334K501T         |                        |
|                | 2220 | G/2.4+-0.2mm   | K         |                        | C2220X334K501T         |                        |
|                | 2225 | D/1.25+-0.20mm | K         |                        | C2225X334K501T         |                        |
|                | 2225 | F/2.0+-0.2mm   | K         |                        | C2225X334K501T         |                        |
| 394<br>(390nF) | 1812 | G/2.4+-0.2mm   | K         |                        | C1812X394K501T         |                        |
|                | 2220 | F/2.0+-0.2mm   | K         |                        | C2220X394K501T         |                        |
|                | 2225 | E/1.6+-0.2mm   | K         |                        | C2225X394K501T         |                        |
| 474<br>(470nF) | 1812 | G/2.4+-0.2mm   | K         | C1812X474K451T         | C1812X474K501T         |                        |
|                | 1812 | H/2.8+-0.2mm   | K         |                        | C1812X474K501T         |                        |
|                | 2220 | G/2.4+-0.2mm   | K         |                        | C2220X474K501T         |                        |
|                | 2220 | H/2.8+-0.2mm   | K         |                        | C2220X474K501T         |                        |
|                | 2225 | E/1.6+-0.2mm   | K         |                        | C2225X474K501T         |                        |
|                | 2225 | G/2.4+-0.2mm   | K         |                        | C2225X474K501T         |                        |
| 684<br>(680nF) | 2225 | I/3.2±0.2mm    | K         |                        | C2225X684K501T         |                        |

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