



Holy Stone Enterprise Co., Ltd.

CERAMIC CAPACITOR CATALOG

HCC Series

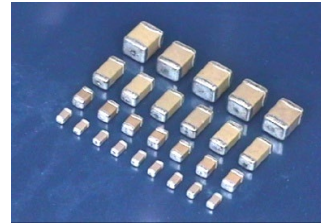
Commerical grade

High Capacitance MLCC

www.holystone.com.tw

www.holystonecaps.com

Multilayer Ceramic Chip Capacitors [High Capacitance MLCC – 1.0uF and above] HCC Series



◆ Features

- Surface mount suitable for wave and reflow soldering
- High reliability
- Small size and high capacitance value
- Excellent high frequency characteristics
- RoHS compliant

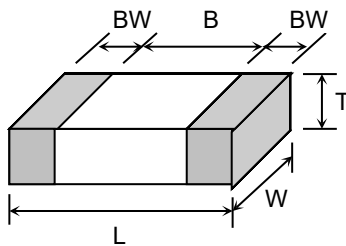
◆ Applications

- Ideal for smoothing and decoupling circuits
- Suitable for DC-DC converter, personal computer and peripherals, telecommunication and general electronic equipment

◆ Summary of Specifications

| | |
|-------------------------|---|
| Operation Temperature | NP0 & X7R & X7S : -55 °C ~ +125 °C , X6S : -55 °C ~ +105 °C ; |
| Rated Voltage | 4.0Vdc to 50Vdc |
| Temperature Coefficient | X7R : ≤ ± 15% , -55 °C ~ +125 °C (EIA Class II) |
| | X7S : ≤ ± 22% , -55 °C ~ +125 °C (EIA Class II) |
| | X6S : ≤ ± 22% , -55 °C ~ +105 °C (EIA Class II) |
| | X5R : ≤ ± 15% , -55 °C ~ +85 °C (EIA Class II) |
| Dissipation Factor | X7R, X5R, X6S, X7S : Max. 0.15 |
| Insulation Resistance | 10GΩ or 500/CΩ whichever is smaller (C in Farads) |
| Aging | X7R/X6S/X5R/X7S : typically 1.0% |
| Dielectric Strength | 250% Rated Voltage |

◆ Dimensions



| TYPE | L | W | T (max) | B (min) | BW (min) |
|------|--------------------------|--------------------------|----------------|----------------|----------------|
| 0402 | 1.00±0.05 | 0.50±0.05 | 0.55 [.022] | 0.30 [.012] | 0.15 [.006] |
| 0603 | 1.60±0.10 | 0.80±0.10 | 0.1 [.039] | 0.40 [.016] | 0.15 [.006] |
| 0805 | 2.00±0.20 | 1.25±0.20 | 1.45 [.057] | 0.70 [.028] | 0.20 [.008] |
| 1206 | 3.20±0.30 | 1.60±0.20 | 1.80 [.071] | 1.50 [.059] | 0.30 [.012] |
| 1210 | 3.20±0.30 [.126±.012] | 2.50±0.20 [.098±.008] | 2.70 [.105] | 1.60 [.063] | 0.30 [.012] |
| 1812 | 4.60±0.3 | 3.20±0.3 | 3.00 [.118] | 2.50 [.098] | 0.30 [.012] |
| 2220 | 5.7±0.40 | 5.00±0.40 | 3.00 [.118] | 3.50 [.137] | 0.30 [.012] |

◆ How To Order



| Product Code | Chip Size | Dielectric | Capacitance Unit : pF | Tolerance | Rated Voltage | Packaging |
|--|--|--|--|--|--|------------------------------------|
| C: MLCC (Multilayer Ceramic Chip of Capacitor) | Ex. 0402 0603 0805 1206 1210 1812 2220 | Ex.: X:X7R S:X6S B:X5R R:X7S | Ex.: 105:10×10 ⁵ 106:10×10 ⁶ 226:22×10 ⁶ | Ex.: J : +/- 5% K: +/- 10% M: +/- 20% Z : +80/-20% | Ex.: 004: 4Vdc 007: 6.3Vdc 010: 10Vdc 016: 16Vdc 025: 25Vdc 035: 35Vdc 050: 50Vdc | T: T&R 7" R: T&R 13" B: Bulk |

◆ Capacitance Range

| X7R (X) Series | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|------|------|------|-----|-----|-----|------|------|-----|-----|-----|------|-----|------|-----|-----|------|-----|-----|-----|-----|------|-----|-----|-----|------|-----|------|--|
| Size | 0402 | | | | | | 0603 | | | | | 0805 | | | | | 1206 | | | | | 1210 | | | | 1812 | | 2220 | |
| Code | 4V | 6.3V | 6.3V | 10V | 16V | 25V | 50V | 6.3V | 10V | 16V | 25V | 35V | 50V | 6.3V | 10V | 16V | 25V | 35V | 50V | 10V | 16V | 25V | 35V | 50V | 25V | 50V | 25V | 50V | |
| 105 | O | O | B | B | B | B | B | D | D | D | D | D | D | D | D | D/E | D/E | D/E | D/E | D | D | D | D | E | F | F | F | F | |
| 155 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 225 | | | B | B | | | | D | D | D | D | D | D | D | D | E | E | E | E | E | E | F | F | F | F | F | F | F | |
| 335 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 475 | | | | | | | | D | D | D | D | | | | | | | | | | | | | | | | | | |
| 106 | | | | | | | | D | D | D | | | | | | | | | | | | | | F | F | F | F | F | |
| 226 | | | | | | | | | | | | | | | | | | | | | | | | F | F | F | F | F | |
| 476 | | | | | | | | | | | | | | | | | | | | | | | | G | G | G | G | G | |

| X7S (R) Series | | | | | | | | | | |
|----------------|------|-----|------|-----|-----|------|-----|------|------|---|
| Size | 0402 | | 0603 | | | 0805 | | 1206 | 1210 | |
| Code | 6.3V | 10V | 10V | 16V | 25V | 25V | 50V | 16V | 6.3V | |
| 105 | | O | | | | | | | | |
| 155 | | | | | | | | | | |
| 225 | O | O | | B | B | | | | | |
| 335 | | | | | | | | | | |
| 475 | | | B | B | | | D | | | |
| 106 | | | | | | D | | | | |
| 226 | | | | | | | | E | | |
| 476 | | | | | | | | | | |
| 107 | | | | | | | | | | G |

| X6S (S) Series | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|------|------|------|------|-----|-----|----|------|-----|-----|-----|-----|------|------|-----|-----|-----|------|-----|----|------|-----|------|-----|-----|-----|------|-----|-----|-----|-----|-----|
| Size | 0201 | | | 0402 | | | | 0603 | | | | | 0805 | | | | | 1206 | | | | | 1210 | | | | | | | | | |
| Code | 4V | 6.3V | 6.3V | 10V | 16V | 25V | 4V | 6.3V | 10V | 16V | 25V | 50V | 4V | 6.3V | 10V | 16V | 25V | 35V | 50V | 4V | 6.3V | 10V | 16V | 25V | 35V | 50V | 6.3V | 10V | 16V | 25V | 35V | 50V |
| 105 | S | S | O | O | O | O | | B | B | B | B | B | B | | | | D | D | D | D | D | | | | E | E | E | E | E | E | E | |
| 225 | | | O | O | O | O | | B | B | B | B | B | B | | | | D | D | D | D | D | | | | E | E | E | E | E | E | E | |
| 475 | | | O | O | O | | | B | B | B | B | B | B | | | | D | D | D | D | D | | | | E | E | E | E | E | E | E | |
| 106 | | | O | | | | B | B | B | B | B | | | | | | D | D | D | D | D | | | | E | E | E | E | E | E | E | |
| 226 | | | | | | | B | B | B | B | | | | | | | D | D | D | D | D | | | | E | E | E | E | E | E | E | |
| 476 | | | | | | | | | | | | | | | | | D | D | D | D | | | | E | E | E | E | E | E | E | E | |
| 107 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 227 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| X5R (B) Series | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|------|------|-----|------|-----|-----|-----|------|------|-----|-----|-----|------|-----|----|------|-----|------|-----|-----|-----|------|------|-----|-----|-----|------|-----|-----|-----|-----|--|
| Size | 0201 | | | 0402 | | | | 0603 | | | | | 0805 | | | | | 1206 | | | | | 1210 | | | | | | | | | |
| Code | 4V | 6.3V | 10V | 6.3V | 10V | 16V | 25V | 35V | 6.3V | 10V | 16V | 25V | 35V | 50V | 4V | 6.3V | 10V | 16V | 25V | 35V | 50V | 6.3V | 10V | 16V | 25V | 50V | 6.3V | 10V | 16V | 25V | 50V | |
| 105 | | S | S | O | O | O | O | O | B | B | B | B | B | B | | | | D | D | D | D | D | D | | | E | E | E | E | E | E | |
| 225 | S | S | | O | O | O | O | O | B | B | B | B | B | B | | | | D | D | D | D | D | D | | | E | E | E | E | E | E | |
| 335 | | | | | | | | | B | B | B | B | B | B | | | | D | D | D | D | D | | | | E | E | E | E | E | E | |
| 475 | | | | O | O | O | | | B | B | B | B | B | B | | | | D | D | D | D | D | | | | E | E | E | E | E | E | |
| 106 | | | | O | O | | | | B | B | B | B | B | | | | | D | D | D | D | D | | | | E | E | E | E | E | E | |
| 226 | | | | | | | | | B | B | | | | | | | | D | D | D | D | | | | E | E | E | E | E | E | E | |
| 476 | | | | | | | | | B | | | | | | | | | D | D | D | | | | | E | E | E | E | E | E | E | |
| 107 | | | | | | | | | | | | | | | | | | D | D | | | | | | E | | | | | | | |
| 227 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

- The yellow indication denotes values that are under development. Please contact Holy Stone office for further details
- Other dimensions, capacitance values and voltages ratings are available on request. Please contact Holy Stone.

◆ Thickness Specification

| Symbol Code | S | O | A | B | C | D | E | F | G | H |
|---------------|----------|----------|---------|-----------|---------------|-----------|---------|---------|---------|---------|
| Thickness(mm) | 0.3±0.03 | 0.5±0.05 | 0.6±0.1 | 0.85±0.15 | 1.0+0.1/-0.05 | 1.25±0.20 | 1.6±0.2 | 2.0±0.2 | 2.4±0.2 | 2.8±0.2 |

| Cap. | Size | Thickness | Cap. Tol. | Catalog Number | | |
|----------------|--------------|----------------|----------------|------------------------|-----------------------|-----------------------|
| | | | | Rated Voltage Vdc 6.3V | Rated Voltage Vdc 10V | Rated Voltage Vdc 16V |
| 105 (1uF) | 0402 | O/0.5+-0.05mm | K | C0402X105K007T | | |
| | 0603 | B/0.85+-0.15mm | K | C0603X105K007T | C0603X105K010T | C0603X105K016T |
| | 0805 | D/1.25±0.2mm | K | C0805X105K007T | C0805X105K010T | C0805X105K016T |
| | 1206 | D/1.25±0.2mm | K | C1206X105K007T | C1206X105K010T | C1206X105K016T |
| | | E/1.6±0.2mm | K | | | C1206X105K016T |
| 1210 | D/1.25±0.2mm | K | C1210X105K007T | C1210X105K010T | C1210X105K016T | |
| 225 (2.2uF) | 0603 | B/0.85+-0.15mm | K | C0603X225K007T | C0603X225K010T | |
| | 0805 | D/1.25±0.2mm | K | C0805X225K007T | C0805X225K010T | C0805X225K016T |
| | 1206 | E/1.6±0.2mm | K | C1206X225K007T | C1206X225K010T | C1206X225K016T |
| 335 (3.3uF) | 1210 | F/2.0±0.2mm | K | C1210X225K007T | C1210X225K010T | C1210X225K016T |
| | 0805 | D/1.25±0.2mm | K | | | |
| 475 (4.7uF) | 1206 | E/1.6±0.2mm | K | C1206X335K007T | C1206X335K010T | C1206X335K016T |
| | 0805 | D/1.25±0.2mm | K | C0805X475K007T | C0805X475K010T | C0805X475K016T |
| | 1206 | E/1.6±0.2mm | K | C1206X475K007T | C1206X475K010T | C1206X475K016T |
| 106 (10uF) | 1210 | F/2.0±0.2mm | K | | C1210X475K010T | C1210X475K016T |
| | 0805 | D/1.25±0.2mm | K | C0805X106K007T | C0805X106K010T | C0805X106K016T |
| | 1206 | E/1.6±0.2mm | K | C1206X106K007T | C1206X106K010T | C1206X106K016T |
| 226 (22uF) | 1210 | F/2.0±0.2mm | K | C1210X106K007T | C1210X106K010T | C1210X106K016T |
| | 1206 | E/1.6±0.2mm | K | C1206X226K007T | C1206X226K010T | |
| | 1210 | G/2.4±0.2mm | K | | C1210X226K010T | C1210X226K016T |

| Cap. | Size | Thickness | Cap. Tol. | Catalog Number | | |
|----------------|-------------|----------------|-----------|-----------------------|-----------------------|-----------------------|
| | | | | Rated Voltage Vdc 25V | Rated Voltage Vdc 35V | Rated Voltage Vdc 50V |
| 105 (1uF) | 0603 | B/0.85+-0.15mm | K | C0603X105K025T | | C0603X105K050T |
| | 0805 | D/1.25±0.2mm | K | C0805X105K025T | C0805X105K035T | C0805X105K050T |
| | 1206 | D/1.25±0.2mm | K | C1206X105K025T | C1206X105K035T | C1206X105K050T |
| | | E/1.6±0.2mm | K | C1206X105K025T | C1206X105K035T | C1206X105K050T |
| | 1210 | D/1.25±0.2mm | K | C1210X105K025T | C1210X105K035T | |
| | | E/1.6±0.2mm | K | | | C1210X105K050T |
| | 1812 | F/2.0±0.2mm | K | C1812X105K025T | | C1812X105K050T |
| 2220 | F/2.0±0.2mm | K | | | C2220X105K050T | |
| 155 (1.5uF) | 1812 | F/2.0±0.2mm | K | | | C1812X155K050T |
| 225 (2.2uF) | 0805 | D/1.25±0.2mm | K | C0805X225K025T | C0805X225K035T | C0805X225K050T |
| | 1206 | E/1.6±0.2mm | K | C1206X225K025T | C1206X225K035T | C1206X225K050T |
| | 1210 | F/2.0±0.2mm | K | C1210X225K025T | C1210X225K035T | C1210X225K050T |
| | 1812 | F/2.0±0.2mm | K | C1812X225K025T | | C1812X225K050T |
| | 2220 | F/2.0±0.2mm | K | | | C2220X225K050T |
| 335 (3.3uF) | 1206 | E/1.6±0.2mm | K | C1206X335K025T | | |
| | 1812 | F/2.0±0.2mm | K | | | C1812X335K050T |
| 475 (4.7uF) | 0805 | D/1.25±0.2mm | K | C0805X475K025T | | |
| | 1206 | E/1.6±0.2mm | K | C1206X475K025T | C1206X475K035T | C1206X475K050T |
| | 1210 | F/2.0±0.2mm | K | C1210X475K025T | C1210X475K035T | C1210X475K050T |
| | 1812 | F/2.0±0.2mm | K | C1812X475K025T | | C1812X475K050T |
| | 2220 | F/2.0±0.2mm | K | | | C2220X475K050T |
| 106 (10uF) | 1206 | E/1.6±0.2mm | K | C1206X106K025T | C1206X106K035T | |
| | 1210 | F/2.0±0.2mm | K | C1210X106K025T | C1210X106K035T | C1210X106K050T |
| | | G/2.4±0.2mm | K | | | C1210X106K050T |
| | 1812 | F/2.0±0.2mm | K | C1812X106K025T | | C1812X106K050T |
| | | G/2.4±0.2mm | K | C1812X106K025T | | C1812X106K050T |
| 2220 | G/2.4±0.2mm | K | | | C2220X106K050T | |

| Cap. | Size | Thickness | Cap. Tol. | Catalog Number | | |
|----------------|------|----------------|-----------|------------------------|-----------------------|-----------------------|
| | | | | Rated Voltage Vdc 6.3V | Rated Voltage Vdc 10V | Rated Voltage Vdc 16V |
| 105 (1uF) | 0402 | O/0.5+-0.05mm | K | | C0402R105K010T | |
| 225 (2.2uF) | 0402 | O/0.5+-0.05mm | K | C0402R225K007T | C0402R225K010T | |
| | 0603 | B/0.85+-0.15mm | K | | | C0603R225K016T |
| 475 (4.7uF) | 0603 | B/0.85+-0.15mm | K | | C0603R475K010T | C0603R475K016T |
| 226 (22uF) | 1206 | E/1.6±0.2mm | K | | | C1206R226K016T |
| 107 (100uF) | 1210 | G/2.4±0.2mm | K | C1210R107K007T | | |

| Cap. | Size | Thickness | Cap. Tol. | Catalog Number | |
|----------------|------|----------------|-----------|-----------------------|-----------------------|
| | | | | Rated Voltage Vdc 25V | Rated Voltage Vdc 50V |
| 225 (2.2uF) | 0603 | B/0.85+-0.15mm | K | C0603R225K025T | |
| 475 (4.7uF) | 0805 | D/1.25±0.2mm | K | | C0805R475K050T |
| 106 (10uF) | 0805 | D/1.25±0.2mm | K | C0805R106K025T | |

| Cap. | Size | Thickness | Cap. Tol. | Catalog Number | | | |
|----------------|------|----------------|-----------|----------------------|------------------------|-----------------------|-----------------------|
| | | | | Rated Voltage Vdc 4V | Rated Voltage Vdc 6.3V | Rated Voltage Vdc 10V | Rated Voltage Vdc 16V |
| 105 (1uF) | 0402 | O/0.5+-0.05mm | K | | C0402S105K007T | C0402S105K010T | C0402S105K016T |
| | 0603 | B/0.85+-0.15mm | K | | C0603S105K007T | C0603S105K010T | C0603S105K016T |
| | 0805 | D/1.25±0.2mm | K | | | | C0805S105K016T |
| 225 (2.2uF) | 0402 | O/0.5+-0.05mm | K | | C0402S225K007T | C0402S225K010T | C0402S225K016T |
| | 0603 | B/0.85+-0.15mm | K | | C0603S225K007T | C0603S225K010T | C0603S225K016T |
| | 0805 | D/1.25±0.2mm | K | | | C0805S225K010T | C0805S225K016T |
| | 1206 | E/1.6±0.2mm | K | | | | C1206S225K016T |
| 475 (4.7uF) | 0402 | O/0.5+-0.05mm | K | | C0402S475K007T | | |
| | 0603 | B/0.85+-0.15mm | K | | C0603S475K007T | C0603S475K010T | C0603S475K016T |
| | 0805 | D/1.25±0.2mm | K | | C0805S475K007T | C0805S475K010T | C0805S475K016T |
| | 1206 | E/1.6±0.2mm | K | | | C1206S475K010T | C1206S475K016T |
| | 1210 | F/2.0±0.2mm | K | | | | C1210S475K016T |
| 106 (10uF) | 0603 | B/0.80+-0.2mm | K | C0603S106K004T | C0603S106K007T | C0603S106K010T | C0603S106K016T |
| | 0805 | D/1.25±0.2mm | K | | C0805S106K007T | C0805S106K010T | C0805S106K016T |
| | 1206 | E/1.6±0.2mm | K | | C1206S106K007T | C1206S106K010T | C1206S106K016T |
| | 1210 | F/2.0±0.2mm | K | | | C1210S106K010T | C1210S106K016T |
| 226 (22uF) | 0603 | B/0.85+-0.15mm | K | C0603S226M004T | C0603S226M007T | | |
| | 0805 | D/1.25±0.2mm | K | C0805S226M004T | C0805S226M007T | C0805S226M010T | C0805S226M016T |
| | 1206 | E/1.6±0.2mm | K | | C1206S226K007T | C1206S226K010T | C1206S226K016T |
| | 1210 | G/2.4±0.2mm | K | | | C1210S226K010T | C1210S226K016T |
| 476 (47uF) | 0805 | D/1.25±0.2mm | K | C0805S476K004T | | | |
| | 1206 | E/1.6±0.2mm | K | C1206S476K004T | C1206S476K007T | | |
| | 1210 | G/2.4±0.2mm | K | | C1210S476K007T | C1210S476K010T | C1210S476K016T |
| 107 (100uF) | 1210 | G/2.4±0.2mm | K | | C1210S107K007T | | |

| Cap. | Size | Thickness | Cap. Tol. | Catalog Number | | |
|----------------|------|----------------|-----------|-----------------------|-----------------------|-----------------------|
| | | | | Rated Voltage Vdc 25V | Rated Voltage Vdc 35V | Rated Voltage Vdc 50V |
| 105 (1uF) | 0402 | O/0.5+-0.05mm | K | C0402S105K025T | | |
| | 0603 | B/0.85+-0.15mm | K | C0603S105K025T | | C0603S105K050T |
| | 0805 | D/1.25±0.2mm | K | C0805S105K025T | C0805S105K035T | C0805S105K050T |
| | 1206 | E/1.6±0.2mm | K | | C1206S105K035T | C1206S105K050T |
| | 1210 | F/2.0±0.2mm | K | | | C1210S105K050T |
| 225 (2.2uF) | 0603 | B/0.85+-0.15mm | K | C0603S225K025T | | |
| | 0805 | D/1.25±0.2mm | K | C0805S225K025T | C0805S225K035T | C0805S225K050T |
| | 1206 | E/1.6±0.2mm | K | C1206S225K025T | C1206S225K035T | C1206S225K050T |
| | 1210 | F/2.0±0.2mm | K | C1210S225K025T | C1210S225K035T | C1210S225K050T |
| 475 (4.7uF) | 0603 | B/0.85+-0.15mm | K | C0603S475K025T | | |
| | 0805 | D/1.25±0.2mm | K | C0805S475K025T | C0805S225K035T | C0805S475K050T |
| | 1206 | E/1.6±0.2mm | K | C1206S475K025T | C1206S475K035T | C1206S475K050T |
| | 1210 | F/2.0±0.2mm | K | C1210S475K025T | C1210S475K035T | C1210S475K050T |
| 106 (10uF) | 0805 | D/1.25±0.2mm | K | C0805S105K025T | C0805S106K035T | |
| | 1206 | E/1.6±0.2mm | K | C1206S106K025T | C1206S106K035T | |
| | 1210 | F/2.0±0.2mm | K | C1210S106K025T | C1210S106K035T | C1210S106K050T |
| | | G/2.4±0.2mm | K | | | C1210S106K050T |
| 226 (22uF) | 1210 | G/2.4±0.2mm | K | C1210S226K025T | | |

| Cap. | Size | Thickness | Cap. Tol. | Catalog Number | | | |
|----------------|------|----------------|-----------|----------------------|------------------------|-----------------------|-----------------------|
| | | | | Rated Voltage Vdc 4V | Rated Voltage Vdc 6.3V | Rated Voltage Vdc 10V | Rated Voltage Vdc 16V |
| 105 (1uF) | 0201 | S/0.3±0.03mm | M | | C0201B105M007T | C0201B105M010T | |
| | 0402 | O/0.5+-0.05mm | M | | C0402B105M007T | C0402B105M010T | C0402B105M016T |
| | 0603 | B/0.85+-0.15mm | M | | C0603B105M007T | C0603B105M010T | C0603B105M016T |
| | 0805 | D/1.25±0.2mm | M | | | | C0805B105M016T |
| | 1206 | E/1.6±0.2mm | M | | | | C1206B105M016T |
| | 1210 | F/2.0±0.2mm | M | | C1210B105M007T | C1210B105M010T | C1210B105M016T |
| 225 (2.2uF) | 0201 | S/0.3±0.03mm | M | | C0201B225M007T | C0201B225M010T | |
| | 0402 | O/0.5+-0.05mm | M | | C0402B225M007T | C0402B225M010T | C0402B225M016T |
| | 0603 | B/0.85+-0.15mm | M | | C0603B225M007T | C0603B225M010T | C0603B225M016T |
| | 0805 | D/1.25±0.2mm | M | | C0805B225M007T | C0805B225M010T | C0805B225M016T |
| | 1206 | E/1.6±0.2mm | M | | | C1206B225M010T | C1206B225M016T |
| | 1210 | F/2.0±0.2mm | M | | C1210B225M007T | C1210B225M010T | C1210B225M016T |
| 335 (3.3uF) | 0805 | D/1.25±0.2mm | M | | | C0805B335M010T | C0805B335M016T |
| 475 (4.7uF) | 0402 | O/0.5+-0.05mm | M | | C0402B475M007T | C0402B475M010T | |
| | 0603 | B/0.85+-0.15mm | M | | C0603B475M007T | C0603B475M010T | C0603B475M016T |
| | 0805 | D/1.25±0.2mm | M | | C0805B475M007T | C0805B475M010T | C0805B475M016T |
| | 1206 | E/1.6±0.2mm | M | | | C1206B475M010T | C1206B475M016T |
| | 1210 | F/2.0±0.2mm | M | | C1210B475M007T | C1210B475M010T | C1210B475M016T |
| 106 (10uF) | 0402 | O/0.5+-0.05mm | M | | C0402B106M007T | C0402B106M010T | |
| | 0603 | B/0.85+-0.15mm | M | | C0603B106M007T | C0603B106M010T | C0603B106M016T |
| | 0805 | D/1.25±0.2mm | M | | C0805B106M007T | C0805B106M010T | C0805B106M016T |
| | 1206 | E/1.6±0.2mm | M | | C1206B106M007T | C1206B106M010T | C1206B106M016T |
| | 1210 | F/2.0±0.2mm | M | | C1210B106M007T | C1210B106M010T | C1210B106M016T |
| 226 (22uF) | 0603 | B/0.85+-0.15mm | M | | C0603B226M007T | C0603B226M010T | |
| | 0805 | D/1.25±0.2mm | M | | C0805B226M007T | C0805B226M010T | C0805B226M016T |
| | 1206 | E/1.6±0.2mm | M | | C1206B226M007T | C1206B226M010T | C1206B226M016T |
| | 1210 | G/2.4±0.2mm | M | | C1210B226M007T | C1210B226M010T | C1210B226M016T |
| 476 (47uF) | 0805 | D/1.25±0.2mm | M | C0805B476M004T | C0805B476M007T | C0805B476M010T | |
| | 1206 | E/1.6±0.2mm | M | | C1206B476M007T | C1206B476M010T | |
| | 1210 | G/2.4±0.2mm | M | | C1210B476M007T | C1210B476M010T | C1210B476M016T |
| 107 (100uF) | 0805 | D/1.25±0.2mm | M | C0805B107M004T | | | |
| | 1206 | E/1.6±0.2mm | M | | C1206B107M007T | | |
| | 1210 | G/2.4±0.2mm | M | | C1210B107M007T | C1210B107M010T | |

| Cap. | Size | Thickness | Cap. Tol. | Catalog Number | | |
|----------------|------|----------------|-----------|-----------------------|-----------------------|-----------------------|
| | | | | Rated Voltage Vdc 25V | Rated Voltage Vdc 35V | Rated Voltage Vdc 50V |
| 105 (1uF) | 0402 | O/0.5+-0.05mm | M | C0402B105M025T | C0402B105M035T | |
| | 0603 | B/0.85+-0.15mm | M | C0603B105M025T | C0603B105M035T | C0603B105M050T |
| | 0805 | D/1.25±0.2mm | M | C0805B105M025T | C0805B105M035T | C0805B105M050T |
| | 1206 | E/1.6±0.2mm | M | C1206B105M025T | | C1206B105M050T |
| | 1210 | F/2.0±0.2mm | M | C1210B105M025T | | C1210B105M050T |
| 225 (2.2uF) | 0402 | O/0.5+-0.05mm | M | C0402B225M025T | | |
| | 0603 | B/0.85+-0.15mm | M | C0603B225M025T | C0603B225M035T | C0603B225M050T |
| | 0805 | D/1.25±0.2mm | M | C0805B225M025T | C0805B225M035T | C0805B225M050T |
| | 1206 | E/1.6±0.2mm | M | C1206B225M025T | | C1206B225M050T |
| | 1210 | F/2.0±0.2mm | M | C1210B225M025T | | C1210B225M050T |
| 475 (4.7uF) | 0603 | B/0.85+-0.15mm | M | C0603B475M025T | C0603B475M035T | |
| | 0805 | D/1.25±0.2mm | M | C0805B475M025T | C0805B475M035T | C0805B475M050T |
| | 1206 | E/1.6±0.2mm | M | C1206B475M025T | | C1206B475M050T |
| | 1210 | F/2.0±0.2mm | M | C1210B475M025T | | C1210B475M050T |
| 106 (10uF) | 0603 | B/0.85+-0.15mm | M | C0603B106M025T | | |
| | 0805 | D/1.25±0.2mm | M | C0805B106M025T | C0805B106M035T | |
| | 1206 | E/1.6±0.2mm | M | C1206B106M025T | | C1206B106M050T |
| | 1210 | F/2.0±0.2mm | M | C1210B106M025T | | C1210B106M050T |
| | | G/2.4±0.2mm | M | | | C1210B106M050T |
| 226 (22uF) | 0805 | D/1.25±0.2mm | M | C0805B226M025T | | |
| | 1206 | E/1.6±0.2mm | M | C1206B226M025T | | |
| | 1210 | G/2.4±0.2mm | M | C1210B226M025T | | |