# Type 150 Axial Leaded Metallized Polyester

## Flame Retardant Wrap and Fill Axial Leaded Capacitors



The Type 150 series axial lead metallized polyester non inductive capacitors are available in bulk or on tape and reel for automatic insertion. Type 150 is a general purpose capacitor for use in blocking, bypass, decoupling, smoothing and some timing applications.

## Highlights

- Available on tape and reel or bulk
- Epoxy end fill meets UL94V-0
- Non inductively wound
- Flame retardant outer wrap meets UL510
- Non polar

## Specifications

**Capacitance Range:** 0.001 µF to 10.0 µF

**Voltage Range:** 63 to 1000 Vdc

**Capacitance Tolerance:** ±5%, ±10%, ±20%

**Operating Tempeature Range:** –55 °C to +125 °C (derate linearly to 50% rated voltage at 125 °C)

**Dielectric Withstand Voltage:** 1.6 x rated voltage for 2 s @ +25 °C ±5 °C

**Dissipation Factor (DF):** tgδ x $10^{-4}$ at +25 °C ±5 °C

| kHz | C ≤0.1 µF | 0.1 µF <C ≤1 µF | C >1 µF |
|---|---|---|---|
| 1 | 80 | 80 | 100 |
| 10 | 150 | 150 | — |
| 100 | 250 | — | — |

**Insulation Resistance:** 10,000 MΩ x µF, 30,000 MΩ Min.

**Self Inductance:** 1 nH max. per 1 mm lead and body length

**Life Test:** 1000 hrs @ 85 °C 1.25 x Vn

**Damp Heat Test:** 95% RH @ +45 °C for 21 days

**Soldering:** 260 °C ±5 °C for 10 s ±1 s

**Long Term Storage Stability:** ΔC/C ≤ ±3% after 2 years

**Maximum Pulse Rise Time dv/dt and Pulse Characteristic (Wo):**

| V/n | L Max | | | | |
|---|---|---|---|---|---|
| | 16.5 | 19 - 20.5 | 26.5 - 5.28 | 31.5 - 33 | |
| 50 - 63 | 4<br>504 | 2<br>252 | 1.5<br>189 | 1<br>126 | dV/dt (V/µsec)<br>$W_o$ ($V^2$/µsec) |
| 100 | 5<br>1,000 | 3<br>600 | 2<br>400 | 1<br>300 | |
| 250 | 10<br>5,000 | 7<br>3,500 | 4<br>2,000 | 2.5<br>1,250 | |
| 400 | 13.5<br>10,800 | 10<br>8,000 | 6.5<br>5,200 | 4<br>3,200 | |
| 630 | 20<br>25,200 | 15<br>18,900 | 10<br>12,600 | 6<br>7,500 | |

RoHS Compliant

Complies with the EU Directive 2002/95/EC requirement restricting the use of Lead (Pb), Mercury (Hg), Cadmium (Cd), Hexavalent chromium (Cr(VI)), PolyBrominated Biphenyls (PBB) and PolyBrominated Diphenyl Ethers (PBDE).

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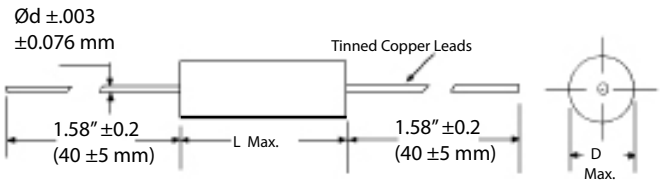
## Tape and Reel Specifications

| L Max (Body Lengty) | | Lead Spacing | | Distance Between Reel Flanges | | Class |
|---|---|---|---|---|---|---|
| Inches | mm | Inches | mm | Inches | mm | |
| ≤.433 | ≤11 | 2.06 | 52.4 | 3 | 75 | 1 |
| .551 - .808 | 14 - 20.5 | 2.5 | 63.6 | 3.4 | 86 | 2 |
| ≥1.03 | ≥26 | 2.87 | 73 | 3.7 | 95 | 3 |

^Add class number (1, 2, or 3) to catalog number to indicate tape and reel

| Diameter | | Quantity per Reel |
|---|---|---|
| Inches | mm | |
| 0.197 | 5 | 3,000 |
| .236 thru .256 | 6.0 trhu 6.5 | 1,200 |
| 0.276 | 7 | 1,100 |
| .315 thru .346 | 8 thru 8.5 | 800 |
| .354 thru .413 | 9 thru 10.5 | 500 |
| .433 thru .512 | 11 thru 13 | 300 |
| .551 thru .571 | 14 thru 14.5 | 200 |
| >.571 | >14.5 | Not available |

## Outline Drawing




## Ratings

| Catalog Part Number | Cap (µF) | Inches Max D | Inches Max L | Inches Max Ød | Millimeters Max D | Millimeters Max L | Millimeters Max Ød |
|---|---|---|---|---|---|---|---|
| **63 Vdc** | | | | | | | |
| 150154*63AA^ | 0.150 | 0.197 | 0.433 | 0.024 | 5.0 | 11.0 | 0.6 |
| 150154*63BB^ | 0.150 | 0.236 | 0.650 | 0.024 | 6.0 | 16.5 | 0.6 |
| 150184*63AA^ | 0.180 | 0.197 | 0.433 | 0.024 | 5.0 | 11.0 | 0.6 |
| 150184*63BB^ | 0.180 | 0.236 | 0.650 | 0.024 | 6.0 | 16.5 | 0.6 |
| 150224*63BB^ | 0.220 | 0.236 | 0.650 | 0.024 | 6.0 | 16.5 | 0.6 |
| 150274*63BB^ | 0.270 | 0.236 | 0.650 | 0.024 | 6.0 | 16.5 | 0.6 |
| 150334*63BB^ | 0.330 | 0.236 | 0.650 | 0.024 | 6.0 | 16.5 | 0.6 |
| 150394*63CB^ | 0.390 | 0.256 | 0.650 | 0.024 | 6.5 | 16.5 | 0.6 |
| 150474*63DB^ | 0.470 | 0.276 | 0.650 | 0.024 | 7.0 | 16.5 | 0.6 |
| 150564*63DB^ | 0.560 | 0.276 | 0.650 | 0.024 | 7.0 | 16.5 | 0.6 |
| 150684*63DC^ | 0.680 | 0.276 | 0.807 | 0.024 | 7.0 | 20.5 | 0.6 |
| 150824*63EC^ | 0.820 | 0.315 | 0.807 | 0.031 | 8.0 | 20.5 | 0.8 |
| 150105*63EC^ | 1.000 | 0.315 | 0.807 | 0.031 | 8.0 | 20.5 | 0.8 |
| 150155*63HC^ | 1.500 | 0.374 | 0.807 | 0.031 | 9.5 | 20.5 | 0.8 |
| 150225*63HE^ | 2.200 | 0.374 | 1.102 | 0.031 | 9.5 | 28.0 | 0.8 |
| 150335*63KE^ | 3.300 | 0.433 | 1.102 | 0.031 | 11.0 | 28.0 | 0.8 |
| 150475*63ME^ | 4.700 | 0.492 | 1.102 | 0.031 | 12.5 | 28.0 | 0.8 |
| 150685*63QF^ | 6.800 | 0.571 | 1.299 | 0.031 | 14.5 | 33.0 | 0.8 |
| 150106*63TF^ | 10.000 | 0.610 | 1.299 | 0.031 | 15.5 | 33.0 | 0.8 |
| **100 Vdc** | | | | | | | |
| 150683*100AA^ | 0.068 | 0.197 | 0.433 | 0.024 | 5.0 | 11.0 | 0.6 |
| 150683*100BB^ | 0.068 | 0.236 | 0.650 | 0.024 | 6.0 | 16.5 | 0.6 |
| 150823*100AA^ | 0.082 | 0.197 | 0.433 | 0.024 | 5.0 | 11.0 | 0.6 |
| 150823*100BB^ | 0.082 | 0.236 | 0.650 | 0.024 | 6.0 | 16.5 | 0.6 |
| 150104*100AA^ | 0.100 | 0.197 | 0.433 | 0.024 | 5.0 | 11.0 | 0.6 |
| 150104*100BB^ | 0.100 | 0.236 | 0.650 | 0.024 | 6.0 | 16.5 | 0.6 |
| 150124*100BB^ | 0.120 | 0.236 | 0.650 | 0.024 | 6.0 | 16.5 | 0.6 |
| 150154*100BB^ | 0.150 | 0.236 | 0.650 | 0.024 | 6.0 | 16.5 | 0.6 |
| 150184*100CB^ | 0.180 | 0.256 | 0.650 | 0.024 | 6.5 | 16.5 | 0.6 |
| 150224*100CB^ | 0.220 | 0.256 | 0.650 | 0.024 | 6.5 | 16.5 | 0.6 |
| 150274*100CB^ | 0.270 | 0.256 | 0.650 | 0.024 | 6.5 | 16.5 | 0.6 |
| 150334*100EB^ | 0.330 | 0.315 | 0.650 | 0.031 | 8.0 | 16.5 | 0.8 |
| 150394*100EB^ | 0.390 | 0.315 | 0.650 | 0.031 | 8.0 | 16.5 | 0.8 |
| 150474*100DC^ | 0.470 | 0.276 | 0.807 | 0.031 | 7.0 | 20.5 | 0.8 |
| 150564*100EC^ | 0.560 | 0.315 | 0.807 | 0.031 | 8.0 | 20.5 | 0.8 |
| 150684*100FC^ | 0.680 | 0.335 | 0.807 | 0.031 | 8.5 | 20.5 | 0.8 |
| 150824*100HC^ | 0.820 | 0.374 | 0.807 | 0.031 | 9.5 | 20.5 | 0.8 |
| 150105*100IC^ | 1.000 | 0.394 | 0.807 | 0.031 | 10.0 | 20.5 | 0.8 |
| **100 Vdc** | | | | | | | |
| 150155*100IE^ | 1.500 | 0.394 | 1.102 | 0.031 | 10.0 | 28.0 | 0.8 |
| 150225*100LE^ | 2.200 | 0.453 | 1.102 | 0.031 | 11.5 | 28.0 | 0.8 |
| 150335*100PE^ | 3.300 | 0.531 | 1.102 | 0.031 | 13.5 | 28.0 | 0.8 |
| 150475*100RF^ | 4.700 | 0.591 | 1.299 | 0.031 | 15.0 | 33.0 | 0.8 |
| 150685*100WF^ | 6.800 | 0.689 | 1.299 | 0.031 | 17.5 | 33.0 | 0.8 |
| 150106*100YF^ | 10.000 | 0.807 | 1.299 | 0.031 | 20.5 | 33.0 | 0.8 |
| **250 Vdc** | | | | | | | |
| 150123*250AA^ | 0.012 | 0.197 | 0.433 | 0.024 | 5.0 | 11.0 | 0.6 |
| 150123*250BB^ | 0.012 | 0.236 | 0.650 | 0.024 | 6.0 | 16.5 | 0.6 |
| 150153*250AA^ | 0.015 | 0.197 | 0.433 | 0.024 | 5.0 | 11.0 | 0.6 |
| 150153*250BB^ | 0.015 | 0.236 | 0.650 | 0.024 | 6.0 | 16.5 | 0.6 |
| 150183*250AA^ | 0.018 | 0.197 | 0.433 | 0.024 | 5.0 | 11.0 | 0.6 |
| 150183*250BB^ | 0.018 | 0.236 | 0.650 | 0.024 | 6.0 | 16.5 | 0.6 |
| 150223*250AA^ | 0.022 | 0.197 | 0.433 | 0.024 | 5.0 | 11.0 | 0.6 |
| 150223*250BB^ | 0.022 | 0.236 | 0.650 | 0.024 | 6.0 | 16.5 | 0.6 |
| 150273*250AA^ | 0.027 | 0.197 | 0.433 | 0.024 | 5.0 | 11.0 | 0.6 |
| 150273*250BB^ | 0.027 | 0.236 | 0.650 | 0.024 | 6.0 | 16.5 | 0.6 |

* Indicates capacitance tolerance
**J = ±5%, K = ±10%, M = ±20%**

^If ordering tape and reel, insert 1, 2, or 3.

See tape & reel specifications to determine which class applies.

*Part Number highlighted in yellow, available until stock is depleted.*

*Replacement part number with "BB" case size.*

| Catalog Part Number | Cap (µF) | Inches Max D | Inches Max L | Inches Max Ød | Millimeters Max D | Millimeters Max L | Millimeters Max Ød |
|---|---|---|---|---|---|---|---|
| **250 Vdc** | | | | | | | |
| 150333*250AA^ | 0.0330 | 0.197 | 0.433 | 0.024 | 5.0 | 11.0 | 0.6 |
| 150333*250BB^ | 0.0330 | 0.236 | 0.650 | 0.024 | 6.0 | 16.5 | 0.6 |
| 150393*250AA^ | 0.0390 | 0.197 | 0.433 | 0.024 | 5.0 | 11.0 | 0.6 |
| 150393*250BB^ | 0.0390 | 0.236 | 0.650 | 0.024 | 6.0 | 16.5 | 0.6 |
| 150473*250AA^ | 0.0470 | 0.197 | 0.433 | 0.024 | 5.0 | 11.0 | 0.6 |
| 150473*250BB^ | 0.0470 | 0.236 | 0.650 | 0.024 | 6.0 | 16.5 | 0.6 |
| 150563*250AA^ | 0.0560 | 0.197 | 0.433 | 0.024 | 5.0 | 11.0 | 0.6 |
| 150563*250BB^ | 0.0560 | 0.236 | 0.650 | 0.024 | 6.0 | 16.5 | 0.6 |
| 150683*250BB^ | 0.0680 | 0.236 | 0.650 | 0.024 | 6.0 | 16.5 | 0.6 |
| 150823*250BB^ | 0.0820 | 0.236 | 0.650 | 0.024 | 6.0 | 16.5 | 0.6 |
| 150104*250CB^ | 0.1000 | 0.256 | 0.650 | 0.024 | 6.5 | 16.5 | 0.6 |
| 150124*250DB^ | 0.1200 | 0.276 | 0.650 | 0.024 | 7.0 | 16.5 | 0.6 |
| 150154*250EB^ | 0.1500 | 0.315 | 0.650 | 0.031 | 8.0 | 16.5 | 0.8 |
| 150184*250EB^ | 0.1800 | 0.315 | 0.650 | 0.031 | 8.0 | 16.5 | 0.8 |
| 150224*250FB^ | 0.2200 | 0.335 | 0.650 | 0.031 | 8.5 | 16.5 | 0.8 |
| 150274*250EC^ | 0.2700 | 0.315 | 0.807 | 0.031 | 8.0 | 20.5 | 0.8 |
| 150334*250FC^ | 0.3300 | 0.335 | 0.807 | 0.031 | 8.5 | 20.5 | 0.8 |
| 150394*250GC^ | 0.3900 | 0.354 | 0.807 | 0.031 | 9.0 | 20.5 | 0.8 |
| 150474*250HC^ | 0.4700 | 0.374 | 0.807 | 0.031 | 9.5 | 20.5 | 0.8 |
| 150564*250IC^ | 0.5600 | 0.394 | 0.807 | 0.031 | 10.0 | 20.5 | 0.8 |
| 150684*250GE^ | 0.6800 | 0.354 | 1.102 | 0.031 | 9.0 | 28.0 | 0.8 |
| 150824*250HE^ | 0.8200 | 0.374 | 1.102 | 0.031 | 9.5 | 28.0 | 0.8 |
| 150105*250JE^ | 1.0000 | 0.413 | 1.102 | 0.031 | 10.5 | 28.0 | 0.8 |
| 150155*250ME^ | 1.5000 | 0.492 | 1.102 | 0.031 | 12.5 | 28.0 | 0.8 |
| 150225*250PF^ | 2.2000 | 0.531 | 1.299 | 0.031 | 13.5 | 33.0 | 0.8 |
| 150335*250TF^ | 3.3000 | 0.610 | 1.299 | 0.031 | 15.5 | 33.0 | 0.8 |
| 150475*250XF^ | 4.7000 | 0.728 | 1.299 | 0.031 | 18.5 | 33.0 | 0.8 |
| 150685*250ZF^ | 6.8000 | 0.845 | 1.299 | 0.031 | 21.5 | 33.0 | 0.8 |
| **400 Vdc** | | | | | | | |
| 150822*400AA^ | 0.0082 | 0.197 | 0.433 | 0.024 | 5.0 | 11.0 | 0.6 |
| 150822*400BB^ | 0.0082 | 0.236 | 0.650 | 0.024 | 6.0 | 16.5 | 0.6 |
| 150103*400AA^ | 0.0100 | 0.197 | 0.433 | 0.024 | 5.0 | 11.0 | 0.6 |
| 150103*400BB^ | 0.0100 | 0.236 | 0.650 | 0.024 | 6.0 | 16.5 | 0.6 |
| 150123*400AA^ | 0.0120 | 0.197 | 0.433 | 0.024 | 5.0 | 11.0 | 0.6 |
| 150123*400BB^ | 0.0120 | 0.236 | 0.650 | 0.024 | 6.0 | 16.5 | 0.6 |
| 150153*400BB^ | 0.0150 | 0.236 | 0.650 | 0.024 | 6.0 | 16.5 | 0.6 |
| 150183*400BB^ | 0.0180 | 0.236 | 0.650 | 0.024 | 6.0 | 16.5 | 0.6 |
| 150223*400BB^ | 0.0220 | 0.236 | 0.650 | 0.024 | 6.0 | 16.5 | 0.6 |
| 150273*400BB^ | 0.0270 | 0.236 | 0.650 | 0.024 | 6.0 | 16.5 | 0.6 |
| 150333*400BB^ | 0.0330 | 0.236 | 0.650 | 0.024 | 6.0 | 16.5 | 0.6 |
| 150393*400CB^ | 0.0390 | 0.256 | 0.650 | 0.024 | 6.5 | 16.5 | 0.6 |
| 150473*400DB^ | 0.0470 | 0.276 | 0.650 | 0.024 | 7.0 | 16.5 | 0.6 |
| 150563*400EB^ | 0.0560 | 0.315 | 0.650 | 0.024 | 8.0 | 16.5 | 0.6 |
| 150683*400DC^ | 0.0680 | 0.276 | 0.807 | 0.024 | 7.0 | 20.5 | 0.6 |
| 150823*400EC^ | 0.0820 | 0.315 | 0.807 | 0.031 | 8.0 | 20.5 | 0.8 |
| 150104*400EC^ | 0.1000 | 0.315 | 0.807 | 0.031 | 8.0 | 20.5 | 0.8 |
| 150124*400EC^ | 0.1200 | 0.315 | 0.807 | 0.031 | 8.0 | 20.5 | 0.8 |
| 150154*400GC^ | 0.1500 | 0.354 | 0.807 | 0.031 | 9.0 | 20.5 | 0.8 |
| 150184*400EE^ | 0.1800 | 0.315 | 1.102 | 0.031 | 8.0 | 28.0 | 0.8 |
| 150224*400FE^ | 0.2200 | 0.335 | 1.102 | 0.031 | 8.5 | 28.0 | 0.8 |
| 150274*400GE^ | 0.2700 | 0.354 | 1.102 | 0.031 | 9.0 | 28.0 | 0.8 |
| 150334*400IE^ | 0.3300 | 0.394 | 1.102 | 0.031 | 10.0 | 28.0 | 0.8 |
| 150394*400JE^ | 0.3900 | 0.413 | 1.102 | 0.031 | 10.5 | 28.0 | 0.8 |
| 150474*400LF^ | 0.4700 | 0.453 | 1.299 | 0.031 | 11.5 | 33.0 | 0.8 |
| 150564*400LF^ | 0.5600 | 0.453 | 1.299 | 0.031 | 11.5 | 33.0 | 0.8 |
| 150684*400MF^ | 0.6800 | 0.492 | 1.299 | 0.031 | 12.5 | 33.0 | 0.8 |
| 150824*400PF^ | 0.8200 | 0.531 | 1.299 | 0.031 | 13.5 | 33.0 | 0.8 |
| 150105*400QF^ | 1.0000 | 0.571 | 1.299 | 0.031 | 14.5 | 33.0 | 0.8 |
| 150155*400WF^ | 1.5000 | 0.689 | 1.299 | 0.031 | 17.5 | 33.0 | 0.8 |
| 150225*400YF^ | 2.2000 | 0.807 | 1.299 | 0.031 | 20.5 | 33.0 | 0.8 |
| **630 Vdc** | | | | | | | |
| 150102*630AA^ | 0.0010 | 0.197 | 0.433 | 0.024 | 5.0 | 11.0 | 0.6 |
| 150102*630BB^ | 0.0010 | 0.236 | 0.650 | 0.024 | 6.0 | 16.5 | 0.6 |
| 150122*630AA^ | 0.0012 | 0.197 | 0.433 | 0.024 | 5.0 | 11.0 | 0.6 |
| 150122*630BB^ | 0.0012 | 0.236 | 0.650 | 0.024 | 6.0 | 16.5 | 0.6 |
| 150152*630AA^ | 0.0015 | 0.197 | 0.433 | 0.024 | 5.5 | 11.0 | 0.6 |
| 150152*630BB^ | 0.0015 | 0.236 | 0.650 | 0.024 | 6.0 | 16.5 | 0.6 |
| 150182*630AA^ | 0.0018 | 0.197 | 0.433 | 0.024 | 5.5 | 11.0 | 0.6 |
| 150182*630BB^ | 0.0018 | 0.236 | 0.650 | 0.024 | 6.0 | 16.5 | 0.6 |
| 150222*630AA^ | 0.0022 | 0.197 | 0.433 | 0.024 | 5.5 | 11.0 | 0.6 |
| 150222*630BB^ | 0.0022 | 0.236 | 0.650 | 0.024 | 6.0 | 16.5 | 0.6 |
| 150272*630AA^ | 0.0027 | 0.197 | 0.433 | 0.024 | 5.5 | 11.0 | 0.6 |
| 150272*630BB^ | 0.0027 | 0.236 | 0.650 | 0.024 | 6.0 | 16.5 | 0.6 |
| 150332*630AA^ | 0.0033 | 0.197 | 0.433 | 0.024 | 5.5 | 11.0 | 0.6 |
| 150332*630BB^ | 0.0033 | 0.236 | 0.650 | 0.024 | 6.0 | 16.5 | 0.6 |
| 150392*630AA^ | 0.0039 | 0.197 | 0.433 | 0.024 | 5.5 | 11.0 | 0.6 |
| 150392*630BB^ | 0.0039 | 0.236 | 0.650 | 0.024 | 6.0 | 16.5 | 0.6 |
| 150472*630AA^ | 0.0047 | 0.197 | 0.433 | 0.024 | 5.5 | 11.0 | 0.6 |
| 150472*630BB^ | 0.0047 | 0.236 | 0.650 | 0.024 | 6.0 | 16.5 | 0.6 |
| 150562*630AA^ | 0.0056 | 0.197 | 0.433 | 0.024 | 5.5 | 11.0 | 0.6 |
| 150562*630BB^ | 0.0056 | 0.236 | 0.650 | 0.024 | 6.0 | 16.5 | 0.6 |

* Indicates capacitance tolerance

**J = ±5%, K = ±10%, M = ±20%**

^If ordering tape and reel, insert 1, 2, or 3.

See tape & reel specifications to determine which class applies.

*Part Number highlighted in yellow, available until stock is depleted.*

*Replacement part number with "BB" case size.*

# Type 150 Axial Leaded Metallized Polyester

| Catalog Part Number | Cap (µF) | Inches Max D | Inches Max L | Inches Max Ød | Millimeters Max D | Millimeters Max L | Millimeters Max Ød |
|---|---|---|---|---|---|---|---|
| **630 Vdc** | | | | | | | |
| 150682*630AA^ | 0.0068 | 0.197 | 0.433 | 0.024 | 5.5 | 11.0 | 0.6 |
| 150682*630BB^ | 0.0068 | 0.236 | 0.650 | 0.024 | 6.0 | 16.5 | 0.6 |
| 150822*630BB^ | 0.0082 | 0.236 | 0.650 | 0.024 | 6.0 | 16.5 | 0.6 |
| 150103*630BB^ | 0.0100 | 0.236 | 0.650 | 0.024 | 6.0 | 16.5 | 0.6 |
| 150123*630BB^ | 0.0120 | 0.236 | 0.650 | 0.024 | 6.0 | 16.5 | 0.6 |
| 150153*630BB^ | 0.0150 | 0.236 | 0.650 | 0.024 | 6.0 | 16.5 | 0.6 |
| 150183*630CB^ | 0.0180 | 0.256 | 0.650 | 0.024 | 6.5 | 16.5 | 0.6 |
| 150223*630DB^ | 0.0220 | 0.276 | 0.650 | 0.024 | 7.0 | 16.5 | 0.6 |
| 150273*630CC^ | 0.0270 | 0.256 | 0.807 | 0.024 | 6.5 | 20.5 | 0.6 |
| 150333*630EC^ | 0.0330 | 0.315 | 0.807 | 0.031 | 8.0 | 20.5 | 0.8 |
| 150393*630EC^ | 0.0390 | 0.315 | 0.807 | 0.031 | 8.0 | 20.5 | 0.8 |
| 150473*630EC^ | 0.0470 | 0.315 | 0.807 | 0.031 | 8.0 | 20.5 | 0.8 |
| 150563*630FC^ | 0.0560 | 0.335 | 0.807 | 0.031 | 8.5 | 20.5 | 0.8 |
| 150683*630GC^ | 0.0680 | 0.354 | 0.807 | 0.031 | 9.0 | 20.5 | 0.8 |
| 150823*630HC^ | 0.0820 | 0.374 | 0.807 | 0.031 | 9.5 | 20.5 | 0.8 |
| 150104*630FE^ | 0.1000 | 0.335 | 1.102 | 0.031 | 8.5 | 28.0 | 0.8 |
| 150124*630GE^ | 0.1200 | 0.354 | 1.102 | 0.031 | 9.0 | 28.0 | 0.8 |
| 150154*630IE^ | 0.1500 | 0.394 | 1.102 | 0.031 | 10.0 | 28.0 | 0.8 |
| 150184*630JE^ | 0.1800 | 0.413 | 1.102 | 0.031 | 10.5 | 28.0 | 0.8 |
| 150224*630LE^ | 0.2200 | 0.453 | 1.102 | 0.031 | 11.5 | 28.0 | 0.8 |
| 150274*630ME^ | 0.2700 | 0.492 | 1.102 | 0.031 | 12.5 | 28.0 | 0.8 |
| 150334*630NF^ | 0.3300 | 0.512 | 1.299 | 0.031 | 13.0 | 33.0 | 0.8 |
| 150394*630QF^ | 0.3900 | 0.571 | 1.299 | 0.031 | 14.5 | 33.0 | 0.8 |
| 150474*630RF^ | 0.4700 | 0.591 | 1.299 | 0.031 | 15.0 | 33.0 | 0.8 |
| 150564*630TF^ | 0.5600 | 0.610 | 1.299 | 0.031 | 15.5 | 33.0 | 0.8 |
| 150684*630WF^ | 0.6800 | 0.689 | 1.299 | 0.031 | 17.5 | 33.0 | 0.8 |
| 150824*630XF^ | 0.8200 | 0.728 | 1.299 | 0.031 | 18.5 | 33.0 | 0.8 |
| 150105*630YF^ | 1.0000 | 0.807 | 1.299 | 0.031 | 20.5 | 33.0 | 0.8 |

| Catalog Part Number | Cap (µF) | Inches Max D | Inches Max L | Inches Max Ød | Millimeters Max D | Millimeters Max L | Millimeters Max Ød |
|---|---|---|---|---|---|---|---|
| **1000 Vdc** | | | | | | | |
| 150102*1000CB^ | 0.0010 | 0.256 | 0.650 | 0.031 | 6.5 | 16.5 | 0.6 |
| 150152*1000CB^ | 0.0015 | 0.256 | 0.650 | 0.031 | 6.5 | 16.5 | 0.6 |
| 150222*1000CB^ | 0.0022 | 0.256 | 0.650 | 0.031 | 6.5 | 16.5 | 0.6 |
| 150332*1000CB^ | 0.0033 | 0.256 | 0.650 | 0.031 | 6.5 | 16.5 | 0.6 |
| 150472*1000DB^ | 0.0047 | 0.276 | 0.650 | 0.031 | 7.0 | 16.5 | 0.6 |
| 150682*1000EB^ | 0.0068 | 0.315 | 0.650 | 0.031 | 8.0 | 16.5 | 0.8 |
| 150103*1000DC^ | 0.0100 | 0.276 | 0.807 | 0.031 | 7.0 | 20.5 | 0.6 |
| 150153*1000FC^ | 0.0150 | 0.335 | 0.807 | 0.031 | 8.5 | 20.5 | 0.8 |
| 150223*1000HC^ | 0.0220 | 0.374 | 0.807 | 0.031 | 9.5 | 20.5 | 0.8 |
| 150333*1000FE^ | 0.0330 | 0.335 | 1.102 | 0.031 | 8.5 | 28 | 0.8 |
| 150473*1000HE^ | 0.0470 | 0.374 | 1.102 | 0.031 | 9.5 | 28 | 0.8 |
| 150683*1000KE^ | 0.0680 | 0.433 | 1.102 | 0.031 | 11.0 | 28 | 0.8 |
| 150104*1000NE^ | 0.1000 | 0.512 | 1.102 | 0.031 | 13.0 | 28 | 0.8 |
| 150154*1000OF^ | 0.1500 | 0.551 | 1.299 | 0.031 | 14.0 | 33 | 0.8 |
| 150224*1000WF^ | 0.2200 | 0.689 | 1.299 | 0.031 | 17.5 | 33 | 0.8 |
| 150334*1000YF^ | 0.3300 | 0.807 | 1.299 | 0.031 | 20.5 | 33 | 0.8 |
| 150474*1000Z1F^ | 0.4700 | 0.945 | 1.299 | 0.031 | 24.0 | 33 | 0.8 |

* Indicates capacitance tolerance
**J = ±5%, K = ±10%, M = ±20%**

^If ordering tape and reel, insert 1, 2, or 3.
See tape & reel specifications to determine which class applies.

*Part Number highlighted in yellow, available until stock is depleted.*

*Replacement part number with "BB" case size.*

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