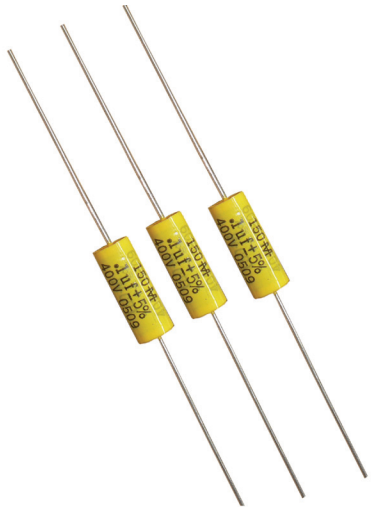


# Type 150 Axial Leaded Metallized Polyester

## 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  $\mu\text{F}$  to 10.0  $\mu\text{F}$

**Voltage Range:** 63 to 1000 Vdc

**Capacitance Tolerance:**  $\pm 5\%$ ,  $\pm 10\%$ ,  $\pm 20\%$

**Operating Temperature Range:**  $-55^\circ\text{C}$  to  $+125^\circ\text{C}$  (derate linearly to 50% rated voltage at  $125^\circ\text{C}$ )

**Dielectric Withstand Voltage:** 1.6 x rated voltage for 2 s @  $+25^\circ\text{C} \pm 5^\circ\text{C}$

**Dissipation Factor (DF):**  $\text{tg}\delta \times 10^{-4}$  at  $+25^\circ\text{C} \pm 5^\circ\text{C}$

| kHz | $C \leq 0.1 \mu\text{F}$ | $0.1 \mu\text{F} < C \leq 1 \mu\text{F}$ | $C > 1 \mu\text{F}$ |
|-----|--------------------------|------------------------------------------|---------------------|
| 1   | 80                       | 80                                       | 100                 |
| 10  | 150                      | 150                                      | —                   |
| 100 | 250                      | —                                        | —                   |

**Insulation Resistance:** 10,000  $\text{M}\Omega \times \mu\text{F}$ , 30,000  $\text{M}\Omega$  Min.

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

**Life Test:** 1000 hrs @  $85^\circ\text{C}$  1.25 x Vn

**Damp Heat Test:** 95% RH @  $+45^\circ\text{C}$  for 21 days

**Soldering:**  $260^\circ\text{C} \pm 5^\circ\text{C}$  for 10 s  $\pm 1$  s

**Long Term Storage Stability:**  $\Delta C/C \leq \pm 3\%$  after 2 years

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



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).

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

# Type 150 Axial Leaded Metallized Polyester

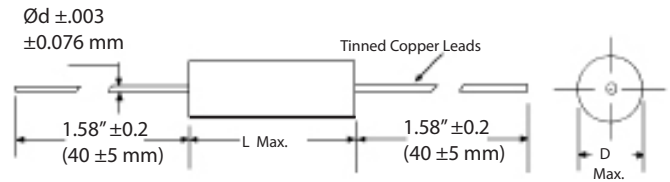
## Tape and Reel Specifications

## Outline Drawing

| L Max<br>(Body Lengthy) |           | Lead Spacing |      | Distance Between<br>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 thru 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     |



## Ratings

| Catalog       | Cap    | Inches Max |       |       | Millimeters Max |      |     |
|---------------|--------|------------|-------|-------|-----------------|------|-----|
| Part Number   | (µF)   | D          | L     | Ød    | D               | L    | 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 |

| Catalog<br>Part Number | Cap<br>(µF) | Inches Max |       |       | Millimeters Max |      |     |
|------------------------|-------------|------------|-------|-------|-----------------|------|-----|
|                        |             | D          | L     | Ød    | D               | L    | Ød  |
| 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 |
| <b>100 Vdc</b>         |             |            |       |       |                 |      |     |
| 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 |
| <b>250 Vdc</b>         |             |            |       |       |                 |      |     |
| 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

^If ordering tape and reel,

J = ±5%, K = ±10%, M = ±20%

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<br>Part Number | Cap<br>( $\mu$ F) | Inches Max |       |                 | Millimeters Max |      |                 |
|------------------------|-------------------|------------|-------|-----------------|-----------------|------|-----------------|
|                        |                   | D          | L     | $\varnothing$ d | D               | L    | $\varnothing$ d |
| 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             |

| Catalog<br>Part Number | Cap<br>( $\mu$ F) | Inches Max |       |                 | Millimeters Max |      |                 |
|------------------------|-------------------|------------|-------|-----------------|-----------------|------|-----------------|
|                        |                   | D          | L     | $\varnothing$ d | D               | L    | $\varnothing$ d |
| 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             |
| <b>630 Vdc</b>         |                   |            |       |                 |                 |      |                 |
| 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 <sup>^</sup>If ordering tape and reel,

**J =  $\pm 5\%$ , K =  $\pm 10\%$ , M =  $\pm 20\%$**  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<br><br>Part Number | Cap<br><br>(µF) | Inches Max |       |       | Millimeters Max |      |     |
|----------------------------|-----------------|------------|-------|-------|-----------------|------|-----|
|                            |                 | D          | L     | Ød    | D               | L    | 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<br><br>Part Number | Cap<br><br>(µF) | Inches Max |       |       | Millimeters Max |      |     |
|----------------------------|-----------------|------------|-------|-------|-----------------|------|-----|
|                            |                 | D          | L     | Ød    | D               | L    | 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

^If ordering tape and reel,

**J =  $\pm 5\%$ , K =  $\pm 10\%$ , M =  $\pm 20\%$**

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.

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

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- Подбор аналогов.
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- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
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- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
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- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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