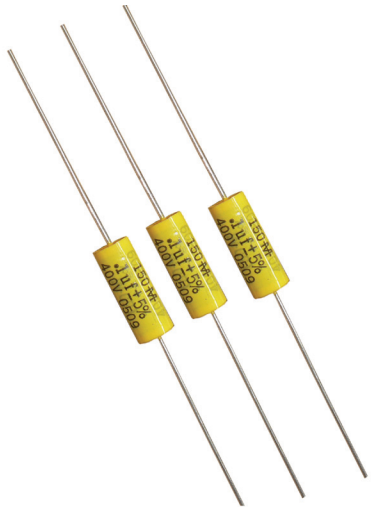


# Type 150 Axial Leaded Metallized Polyester

## 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

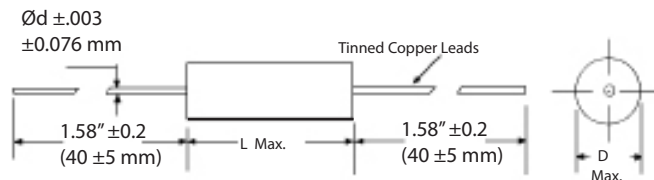
## Tape and Reel Specifications

## 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<br>Part Number | Cap<br>(µF) | Inches Max |       |       | Millimeters Max |      |     |
|------------------------|-------------|------------|-------|-------|-----------------|------|-----|
|                        |             | 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>(µF) | Inches Max |       |       | Millimeters Max |      |     |
|------------------------|-------------|------------|-------|-------|-----------------|------|-----|
|                        |             | D          | L     | Ød    | D               | L    | 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 |

| 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

^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 = ±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.

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

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- 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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