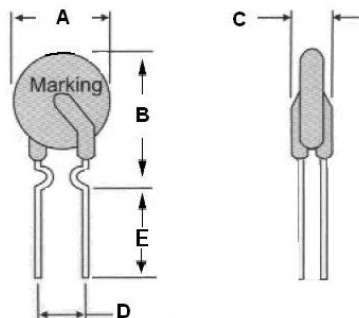


16V-090

Shape and size



| Model | A | B | C | D | E | Lead. |
|---------|-------|--------|-------|---------------------|-------|--------|
| | max. | max. | max. | $\pm 0.75\text{mm}$ | Min | Φ |
| 16V-090 | 7.4mm | 13.0mm | 3.0mm | 5.1 | 4.6mm | 0.50 |

Lead wire material: tin-plated metal wire, 0.50mm.

Encapsulation material: Flame-retardant epoxy powder, meeting UL94V-0 requirements

Electrical performance

| | | | |
|--|------------------|--|---------------|
| Maximum overload current | $100A_{DC}$ | Maximum voltage | $16V_{DC}$ |
| Maximum non-operating current $25^{\circ}\text{C} \pm 2^{\circ}\text{C}$ | 900mA | Minimum operating current 25°C | 1.8A |
| Starting zero-power resistor | 90–180m Ω | Maximum resistance one hour after action | 250m Ω |

Testing conditions and delivery standards

| Inspection items | Test | Delivery standard |
|------------------------------|---|--------------------------|
| Starting zero-power resistor | $25^{\circ}\text{C} \pm 2^{\circ}\text{C}$, Place in the air | 90-180m Ω |
| Non-operating current | $25^{\circ}\text{C} \pm 2^{\circ}\text{C}$, 0.9A, Maintain 60min | Do not move |
| Typical action time | $25^{\circ}\text{C} \pm 2^{\circ}\text{C}$, 4.5A, 12V | Less than 8S |
| Motion durability | 16V, 100A, 24hr | No open flame or burning |

Working temperature : -40°C to 85°C

Packaging conditions: 1000pcs per bag