

**Specification Status: Released**

**Electrical Rating**

**Voltage: 6V<sub>DC</sub> MAX**

**Current: 40A MAX**

**Insulating Material:**

Cured Flame Retardant Epoxy Polymer  
meets

UL 94-V-O Requirements

**Lead Material:**

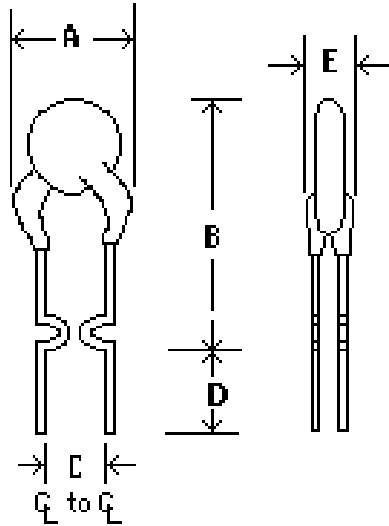
24 AWG Tin Plated Nickel Copper

Alloy

**Marking:**

— Manufacturer's Mark  
⊗ R75 and Part Identification

□□□□ — Lot Identification



**TABLE I. DIMENSIONS:**

|      | A   |        | B   |        | C      |        | D      |     | E   |        |
|------|-----|--------|-----|--------|--------|--------|--------|-----|-----|--------|
|      | MIN | MAX    | MIN | MAX    | MIN    | MAX    | MIN    | MAX | MIN | MAX    |
| mm:  | --  | 6.9    | --  | 11.4   | 4.3    | 5.9    | 7.6    | --  | --  | 3.1    |
| in*: | --  | (0.27) | --  | (0.45) | (0.17) | (0.23) | (0.30) | --  | --  | (0.12) |

**TABLE II. PERFORMANCE RATINGS:**

| I HOLD<br>RATED<br>CURRENT | CURRENT<br>RATINGS         |                                   | INITIAL RESISTANCE<br>VALUES |                        |       | ONE HOUR<br>POST-TRIP<br>RESISTANCE<br>STANDARD<br>TRIP | MAXIMUM<br>TIME TO<br>TRIP<br>@ 8A | TRIPPED<br>-STATE<br>POWER<br>DISSIPAT<br>ION |
|----------------------------|----------------------------|-----------------------------------|------------------------------|------------------------|-------|---|------------------------------------|---|
|                            | AMPERES<br>AT 20°C<br>HOLD | AMPERES<br>AT 20°C<br>HOLD   TRIP | MIN                          | OHMS<br>AT 20°C<br>TYP | MAX   |   |                                    |   |
| 0.75                       | 0.75                       | 1.3                               | 0.11                         | 0.14                   | 0.175 | 0.23  | 0.4                                | 0.3   |

Agency Recognition:

UL, CSA, TUV

Reference Documents:

PS300

Precedence:

This specification takes precedence over documents referenced herein.

Effectivity:

Reference documents shall be the issue in effect on the date of invitation for bid.

**CAUTION:**

Operation beyond the rated voltage or current may result in rupture, electrical arcing or flame.

**Materials Information**

ROHS Compliant

ELV Compliant

Pb-Free

Halogen Free\*

Directive 2002/95/EC  
Compliant

Directive 2000/53/EC  
Compliant



\* Halogen Free refers to: r≤900ppm, Cl≤900ppm, Br+Cl≤1500ppm.

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