

**Specification Status: Released**

**Electrical Rating**

**Voltage: 30V<sub>DC</sub> MAX**

**Current: 40A MAX**

**Insulating Material:**

Cured, Flame Retardant Epoxy Polymer  
meets UL94 V-0 Requirements

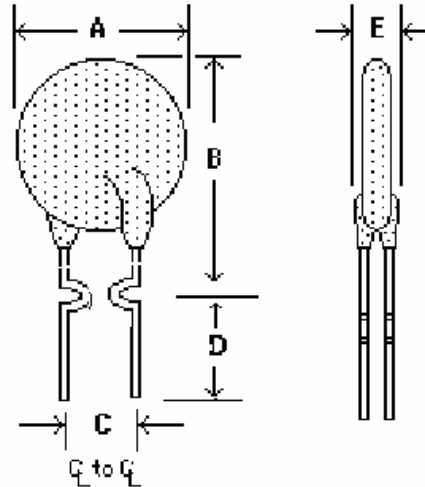
**Lead Material:**

24 AWG Tin Plated Copper Clad Steel

**Part Marking:**

— Manufacturer's Mark  
⊗ H1 and Part Identification

□□□□ — Lot Identification



**TABLE I. DIMENSIONS:**

|      | A   |        | B   |        | C      |        | D      |     | E   |        |
|------|-----|--------|-----|--------|--------|--------|--------|-----|-----|--------|
|      | MIN | MAX    | MIN | MAX    | MIN    | MAX    | MIN    | MAX | MIN | MAX    |
| mm:  | --  | 9.7    | --  | 13.6   | 4.3    | 5.8    | 7.6    | --  | --  | 3.0    |
| in*: | --  | (0.38) | --  | (0.54) | (0.17) | (0.23) | (0.30) | --  | --  | (0.12) |

\*Rounded off approximation

**TABLE II. PERFORMANCE RATINGS:**

| I HOLD<br>RATED<br>CURRENT | CURRENT<br>RATINGS      |                                | TIME TO<br>TRIP                 | INITIAL<br>RESISTANCE<br>VALUES |                        | ONE-HOUR<br>POST-TRIP<br>RESISTANCE<br>STANDARD TRIP | NOMINAL<br>TRIPPED POWER<br>DISSIPATION |
|----------------------------|-------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------|--|---|
|                            | AMPS<br>AT 25°C<br>HOLD | AMPS AT<br>25°C<br>HOLD   TRIP | SECONDS AT<br>25°C, 5.0A<br>MAX | OHMS<br>AT 25°C<br>MIN          | OHMS<br>AT 25°C<br>MAX | OHMS<br>AT 25°C<br>MAX                               | WATTS AT<br>25°C 30V<br>TYP             |
| 1.0                        | 1.0                     | 1.8                            | 5.2                             | 0.18                            | 0.30                   | 0.43   | 1.4                                     |

Agency Recognitions:

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<sup>4</sup>**

**ROHS Compliant**

**ELV Compliant**

**Pb-Free**

**Halogen Free\***

Directive 2002/95/EC  
Compliant

Directive 2000/53/EC  
Compliant



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

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