

**Specification Status: Released**

**Electrical Rating**

**Voltage: 16V<sub>DC</sub> MAX**

**Current: 40A MAX**

Insulating Material:

Cured, Flame Retardant Epoxy

Polymer meets UL 94 V-O Requirements

Lead Material:

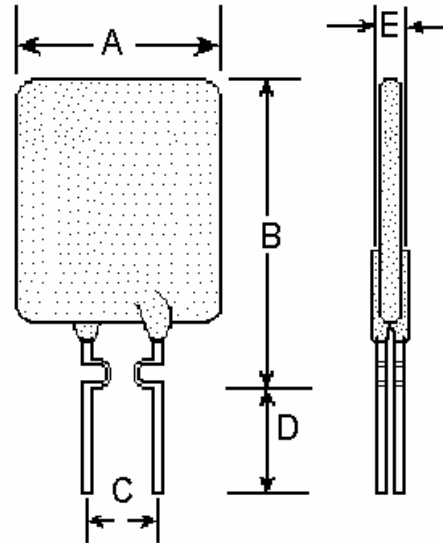
24 AWG Tin Plated Copper Clad

Steel

Marking:

— Manufacturer's Mark  
⊗ R110 and Part Identification

□ □ □ □ — Lot Identification



**TABLE I. DIMENSIONS:**

|      | A   |        | B   |        | C      |        | D      |     | E   |        |
|------|-----|--------|-----|--------|--------|--------|--------|-----|-----|--------|
|      | MIN | MAX    | MIN | MAX    | MIN    | MAX    | MIN    | MAX | MIN | MAX    |
| mm:  | --  | 7.4    | --  | 14.2   | 4.3    | 5.8    | 7.6    | --  | --  | 3.0    |
| in*: | --  | (0.29) | --  | (0.56) | (0.17) | (0.23) | (0.30) | --  | --  | (0.12) |

\*Rounded off approximation

**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 | TIME TO<br>TRIP<br>@ 8A | TRIPPED<br>-STATE<br>POWER<br>DISSIPA<br>TION |
|----------------------------|----------------------------|-----------------------------------|------------------------------|------------------------|-------|---|-------------------------|---|
|                            | AMPERES<br>AT 20°C<br>HOLD | AMPERES<br>AT 20°C<br>HOLD   TRIP | MIN                          | OHMS<br>AT 20°C<br>TYP | MAX   |   |                         |   |
| 1.10                       | 1.10                       | 2.20                              | 0.05                         | 0.08                   | 0.095 | 0.14  | 2.3                     | 0.7   |

Agency Recognitions:  
Reference Documents:  
Precedence:

UL, CSA, TUV  
PS300

Effectivity:

This specification takes precedence over documents referenced herein.

CAUTION:

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

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: Br≤900ppm, Cl≤900ppm, Br+Cl≤1500ppm.

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