

## 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:

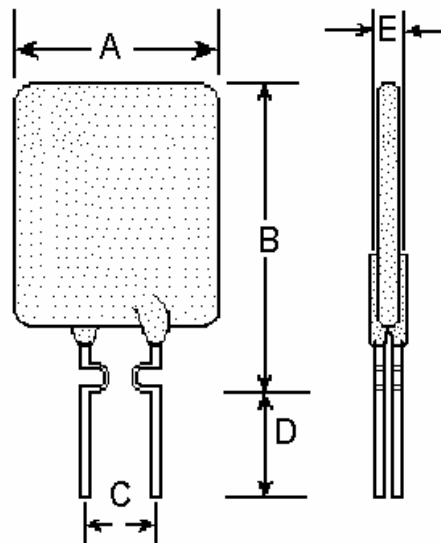
24 AWG Tin Plated Copper Clad

Steel

Marking:

— Manufacturer's Mark  
X 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>DISSIPATION |
|----------------------------|--------------------|------|------------------------------|------|-------|---------------------------------------------------------|-------------------------|-------------------------------------------|
| AMPERES<br>AT 20°C<br>HOLD | AMPERES<br>AT 20°C |      | OHMS<br>AT 20°C              |      |       | OHMS<br>AT 20°C<br>MAX                                  | SECONDS<br>AT 20°C      | WATTS<br>AT 20°C                          |
|                            | HOLD               | TRIP | MIN                          | TYP  | MAX   |                                                         |                         |                                           |
| 1.10                       | 1.10               | 2.20 | 0.05                         | 0.08 | 0.095 | 0.14                                                    | 2.3                     | 0.7                                       |

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

**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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