

## Specification Status: Released

Maximum Electrical Rating at 20°C

30 V<sub>DC</sub> / 100 A<sub>DC</sub>

30 V<sub>AC</sub> / 70 A<sub>RMS</sub>

Insulating Material:

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

Lead Material:

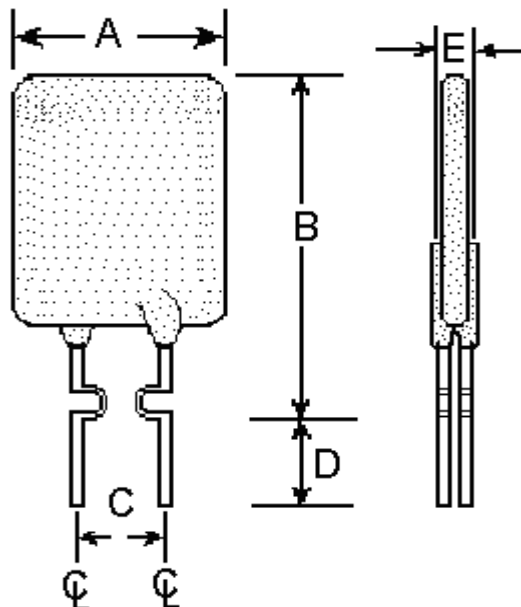
24 AWG Tin Plated Copper Clad Steel

Marking:

Manufacturer's Mark

XX U110 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               | CURRENT RATINGS         |                         | TIME TO TRIP                    | RESISTANCE             |                        | ONE-HOUR POST-TRIP RESISTANCE STANDARD TRIP | TRIPPED POWER DISSIPATION   |                         |
|----------------------|-------------------------|-------------------------|---------------------------------|------------------------|------------------------|---------------------------------------------|-----------------------------|-------------------------|
| AMPS<br>20°C<br>HOLD | AMPS AT<br>20°C<br>HOLD | AMPS AT<br>20°C<br>TRIP | SECONDS AT<br>20°C, 5.5A<br>MAX | OHMS<br>AT 20°C<br>MIN | OHMS<br>AT 20°C<br>MAX | OHMS<br>AT 20°C<br>MAX                      | WATTS AT<br>20°C<br>NOMINAL | WATTS AT<br>20°C<br>MAX |
| 1.10                 | 1.10                    | 2.20                    | 6.6                             | 0.07                   | 0.10                   | 0.17                                        | 0.70                        | 1.17                    |

Agency Recognitions:

UL, CSA, TUV, CQC

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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