

## 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:

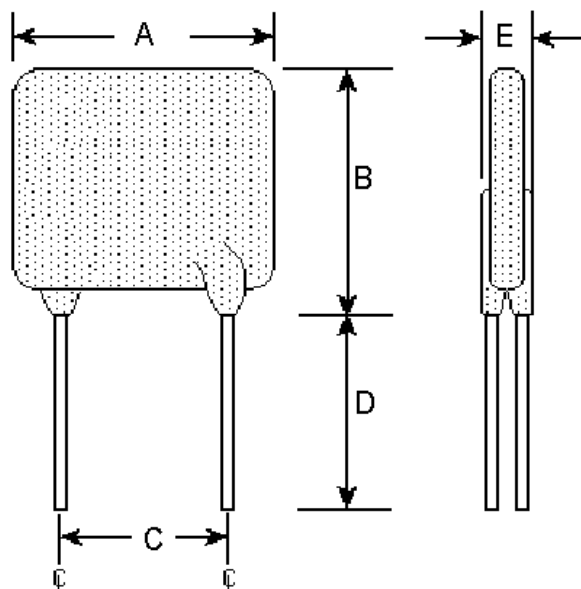
20 AWG Tin Plated Copper

Marking:

— Manufacturer's Mark

XX U800 and Part Identification

□□□□ — Lot Identification



**TABLE I. DIMENSIONS:**

|      | A   |        | B   |        | C      |        | D      |     | E   |        |
|------|-----|--------|-----|--------|--------|--------|--------|-----|-----|--------|
|      | MIN | MAX    | MIN | MAX    | MIN    | MAX    | MIN    | MAX | MIN | MAX    |
| mm:  | --  | 21.6   | --  | 28.4   | 9.4    | 10.9   | 7.6    | --  | --  | 3.0    |
| in*: | --  | (0.85) | --  | (1.12) | (0.37) | (0.43) | (0.30) | --  | --  | (0.12) |

\*Rounded off approximation

**TABLE II. PERFORMANCE RATINGS:**

| I HO LD        | CURRENT RATINGS   |                   | TIME TO TRIP             | RESISTANCE       |                  | ONE-HOUR POST-TRIP RESISTANCE STANDARD TRIP | TRIPPED POWER DISSIPATION |                   |
|----------------|-------------------|-------------------|--------------------------|------------------|------------------|---------------------------------------------|---------------------------|-------------------|
| AMPS 20°C HOLD | AMPS AT 20°C HOLD | AMPS AT 20°C TRIP | SECONDS AT 20°C, 40A MAX | OHMS AT 20°C MIN | OHMS AT 20°C MAX | OHMS AT 20°C MAX                            | WATTS AT 20°C NOMINAL     | WATTS AT 20°C MAX |
| 8.00           | 8.00              | 16.00             | 18.8                     | 0.005            | .013             | 0.02                                        | 4.00                      | 4.35              |

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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