

## Specification Status: Released

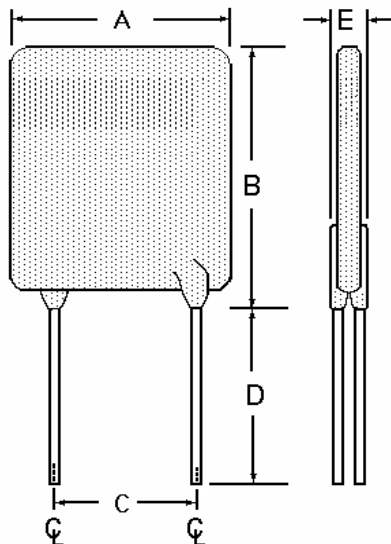
Maximum Electrical Rating at 20°C  
30 V<sub>DC</sub> / 100 A<sub>DC</sub>  
30 V<sub>AC</sub> / 70 A<sub>RMS</sub>

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

Lead Material:  
20 AWG Tin Plated Copper

Marking:  
— Manufacturer's Mark  
XX U500 and Part Identification

□ □ □ □ — Lot Identification



**TABLE I. DIMENSIONS:**

|      | A   |        | B   |        | C      |        | D      |     | E   |        |
|------|-----|--------|-----|--------|--------|--------|--------|-----|-----|--------|
|      | MIN | MAX    | MIN | MAX    | MIN    | MAX    | MIN    | MAX | MIN | MAX    |
| mm:  | --  | 14.0   | --  | 24.1   | 9.4    | 10.9   | 7.6    | --  | --  | 3.0    |
| in*: | --  | (0.55) | --  | (0.95) | (0.37) | (0.43) | (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 20°C HOLD | AMPS AT 20°C HOLD | AMPS AT 20°C TRIP | SECONDS AT 20°C, 25.0A MAX | OHMS AT 20.0° C MIN | OHMS AT 20.0° C MAX | OHMS AT 20°C MAX                            | WATTS AT 20°C NOMINAL     | WATTS AT 20°C MAX |
| 5.00           | 5.00              | 10.00             | 14.5                       | 0.01                | 0.03                | 0.05                                        | 3.00                      | 3.23              |

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

Directive 2002/95/EC  
Compliant

ELV Compliant

Directive 2000/53/EC  
Compliant

Pb-Free



Halogen Free\*



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

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