

## Specification Status: Released

### Electrical Rating

**Voltage: 6V<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  
XX R155 and Part Identification

□□□□ — Lot Identification

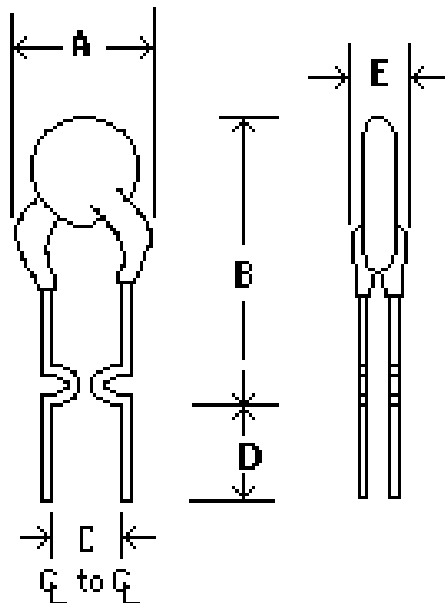


**TABLE I. DIMENSIONS:**

|      | A   |        | B   |        | C      |        | D      |     | E   |        |
|------|-----|--------|-----|--------|--------|--------|--------|-----|-----|--------|
|      | MIN | MAX    | MIN | MAX    | MIN    | MAX    | MIN    | MAX | MIN | MAX    |
| mm:  | --  | 6.9    | --  | 11.7   | 4.3    | 5.9    | 7.6    | --  | --  | 3.1    |
| in*: | --  | (0.27) | --  | (0.46) | (0.17) | (0.23) | (0.30) | --  | --  | (0.12) |

**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>@ 7.75A | TRIPPED<br>-STATE<br>POWER<br>DISSIPAT<br>ION |
|----------------------------|----------------------------|----------------------------|------------------------------|------|--------|---------------------------------------------------------|----------------------------|-----------------------------------------------|
| AMPERES<br>AT 20°C<br>HOLD | AMPERES<br>AT 20°C<br>HOLD | AMPERES<br>AT 20°C<br>TRIP | OHMS<br>AT 20°C              |      |        | OHMS<br>AT 20°C<br>MAX                                  | SECONDS<br>AT 20°C         | WATTS<br>AT 20°C                              |
|                            |                            |                            | MIN                          | TYP  | MAX    |                                                         |                            |                                               |
| 1.55                       | 1.55                       | 2.65                       | 0.04                         | 0.06 | 0.0705 | 0.10                                                    | 2.2                        | 0.6                                           |

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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