

## 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 Lead Plated Copper Clad Steel

### Marking:

 Manufacturer's Mark and Voltage  
 R 110 — Part Identification  
 Lot Identification (can be on back)

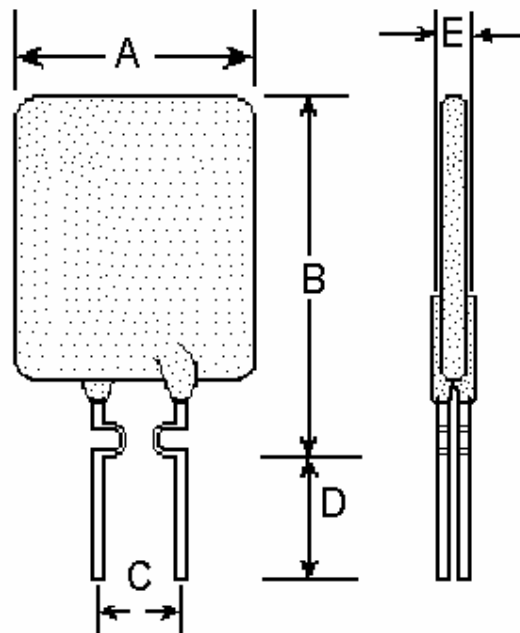


TABLE I. DIMENSIONS:

|      | 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<br>RESISTANCE<br>VALUES |      | ONE HOUR<br>POST-TRIP<br>RESISTANCE<br>STANDARD TRIP | TIME TO 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 AT<br>20°C   | WATTS<br>AT 20°C                          |
|                            | HOLD               | TRIP | MIN                             | TYP  |                                                      |                      |                                           |
| 1.10                       | 1.10               | 2.20 | 0.05                            | 0.08 | 0.14                                                 | 2.3                  | 0.7                                       |

Agency Recognitions:  
Reference Documents:  
Precedence:  
Effectivity:  
CAUTION:

UL, CSA, TUV recognized.  
PS300  
This specification takes precedence over documents referenced herein.  
Reference documents shall be the issue in effect on the date of invitation for bid.  
Operation beyond the rated voltage or current may result in rupture, electrical arcing or flame.