

## Specification Status: Released

### Electrical Rating

**Voltage: 16V<sub>DC</sub> MAX**

**Current: 100A MAX**

### Insulating Material:

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

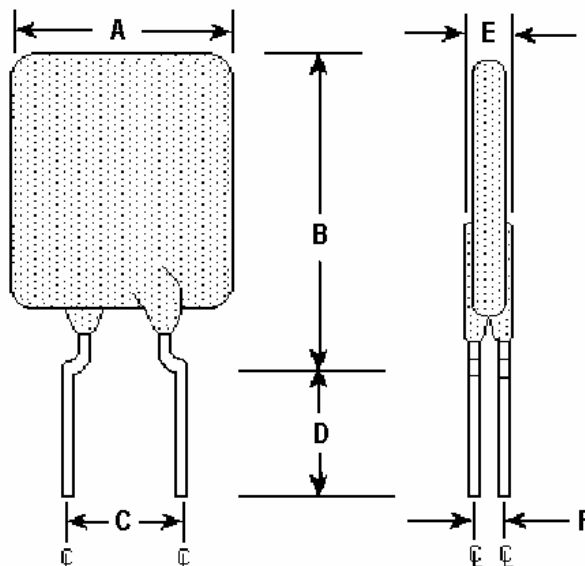
### Lead Material:

20 AWG Tin Plated Copper  
(0.8 mm [0.032] nom. diameter)

### Marking:

— Manufacturer's Mark  
XX H5.5 and Part Identification

□ □ □ □ — Lot Identification



**TABLE I. DIMENSIONS:**

|      | A   |        | B   |        | C      |        | D     |     | E   |        | F      |
|------|-----|--------|-----|--------|--------|--------|-------|-----|-----|--------|--------|
|      | MIN | MAX    | MIN | MAX    | MIN    | MAX    | MIN   | MAX | MIN | MAX    | TYP    |
| mm:  | --  | 11.2   | --  | 18.9   | 4.3    | 5.8    | 7.6   | --  | --  | 3      | 1.2    |
| in*: | --  | (0.44) | --  | (0.74) | (0.17) | (0.23) | (0.3) | --  | --  | (0.12) | (0.05) |

\*Rounded off approximation

**TABLE II. PERFORMANCE RATINGS:**

| I HOLD<br>RATED<br>CURRENT | CURRENT<br>RATINGS      |      | TIME TO<br>TRIP                  | INITIAL<br>RESISTANCE<br>VALUES |                        | ONE-HOUR<br>POST-TRIP<br>RESISTANCE<br>STANDARD<br>TRIP | NOMINAL<br>TRIPPED<br>POWER<br>DISSIPATION |
|----------------------------|-------------------------|------|----------------------------------|---------------------------------|------------------------|---------------------------------------------------------|--------------------------------------------|
| AMPS<br>AT 25°C<br>HOLD    | AMPS AT<br>25°C<br>HOLD | TRIP | SECONDS AT<br>25°C, 27.5A<br>MAX | OHMS<br>AT 25°C<br>MIN          | OHMS<br>AT 25°C<br>MAX | OHMS<br>AT 25°C<br>MAX                                  | WATTS AT<br>25°C 16V<br>TYP                |
| 5.5                        | 5.5                     | 10.0 | 6.0                              | 0.015                           | 0.025                  | 0.037                                                   | 3.5                                        |

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

UL, CSA, TUV.  
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.

### 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.

© 2006, 2013 Tyco Electronics Corporation, a TE Connectivity Ltd. Company. All rights reserved.