

## Specification Status: Released

### Electrical Rating

Voltage: 60V MAX

Current: 40A MAX

### Insulating Material:

Cured, Flame Retardant Epoxy Polymer

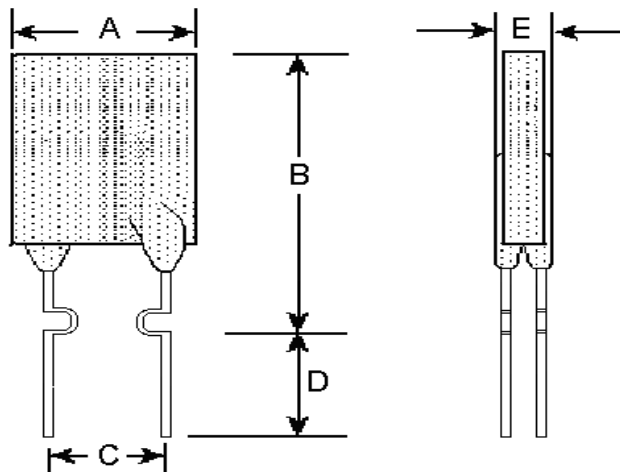
### Lead Material:

24 AWG Tin Plated Copper

### Marking:

— Manufacturer's Mark  
XX K90 and Part Identification

□□□□ — Lot Identification



**TABLE I. DIMENSIONS:**

|      | A   |        | B   |        | C      |        | D     |     | E   |        |
|------|-----|--------|-----|--------|--------|--------|-------|-----|-----|--------|
|      | MIN | MAX    | MIN | MAX    | MIN    | MAX    | MIN   | MAX | MIN | MAX    |
| mm:  | --  | 7.87   | --- | 13.97  | 4.32   | 5.84   | 7.6   | --- | --- | 3.56   |
| in*: | --  | (0.31) | --- | (0.55) | (0.17) | (0.23) | (0.3) | --- | --- | (0.14) |

\*Rounded off approximation

**TABLE II. PERFORMANCE RATINGS:**

| I HOLD<br>RATED<br>CURRENT | CURRENT<br>RATINGS |      | INITIAL<br>RESISTANCE<br>VALUES |      | TIME TO TRIP                   | ONE HOUR<br>POST-TRIP<br>RESISTANCE<br>STANDARD TRIP | TRIPPED-<br>STATE POWER<br>DISSIPATION |
|----------------------------|--------------------|------|---------------------------------|------|--------------------------------|------------------------------------------------------|----------------------------------------|
| AMPERES<br>AT 20°C<br>HOLD | AMPERES<br>AT 20°C |      | OHMS<br>AT 20°C                 |      | SECONDS AT<br>20°C, 8 A<br>MAX | OHMS<br>AT 20°C<br>MAX                               | WATTS<br>AT 20°C<br>NOMINAL            |
|                            | HOLD               | TRIP | MIN                             | MAX  |                                |                                                      |                                        |
| 0.90                       | 0.90               | 1.80 | 0.19                            | 0.32 | 2.0                            | 0.52                                                 | 1.5                                    |

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

UL, TUV, CSA  
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.

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