

## Specification Status: Released

### Maximum Electrical Rating

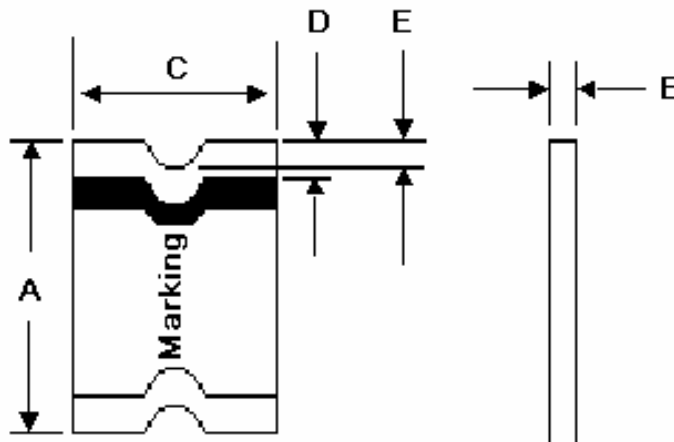
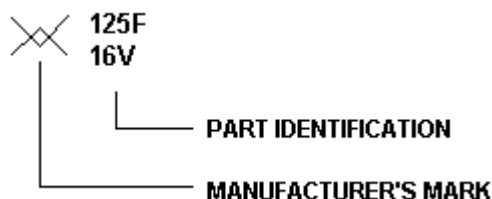
Voltage: 16V<sub>DC</sub>

Short Circuit Current: 100A

#### Notes:

1. All terminations are tin plated.
2. Drawing not to scale

#### Marking:



**TABLE I. DIMENSIONS:**

|     | A       |         | B       |         | C       |         | D       |         | E       |
|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| mm: | MIN     | MAX     | MIN     | MAX     | MIN     | MAX     | MIN     | MAX     | MIN     |
| in: | (0.172) | (0.190) | (0.011) | (0.019) | (0.121) | (0.134) | (0.010) | (0.040) | (0.008) |

**TABLE II. PERFORMANCE RATINGS:**

| CURRENT RATINGS ** |      |                 |      |                 |      | TIME TO TRIP **         | RESISTANCE VALUES |       | TRIPPED-STATE POWER DISSIPATION** |
|--------------------|------|-----------------|------|-----------------|------|-------------------------|-------------------|-------|-----------------------------------|
| AMPERES AT 0°C     |      | AMPERES AT 20°C |      | AMPERES AT 60°C |      | SECONDS AT 20°C, 8A MAX | OHMS AT 20°C      |       | WATTS AT 20°C, 16V MAX            |
| HOLD               | TRIP | HOLD            | TRIP | HOLD            | TRIP |                         | MIN               | MAX*  |                                   |
| 1.47               | 2.94 | 1.25            | 2.50 | 0.90            | 1.80 | 0.4                     | 0.050             | 0.140 | 0.8                               |

\* Maximum resistance is measured 1 hour after reflow.

\*\* Values Specified were determined using PCB's with 0.030"X1.5 ounce copper traces.

Reference Documents:

PS300, PS400

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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