

## Specification Status: Released

### Maximum Electrical Rating

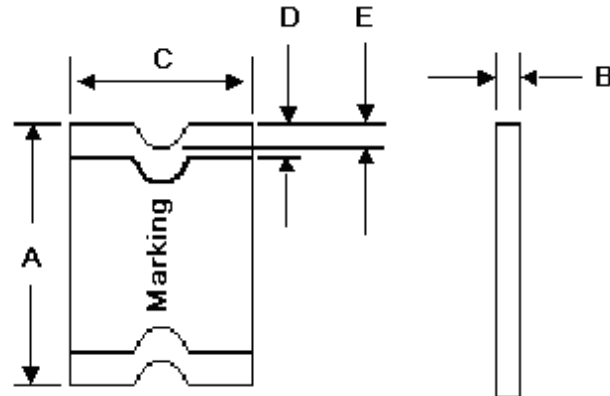
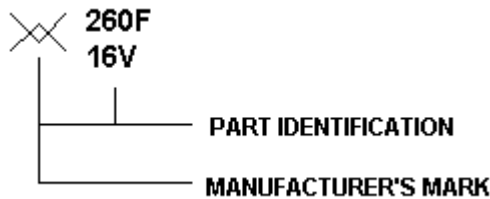
**Voltage: 16V<sub>DC</sub>**

**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       |
|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|
|     | MIN     | MAX     | MIN     | MAX     | MIN     | MAX     | MIN     | MAX     | MIN     |
| mm: | 4.37    | 4.83    | 1.02    | 1.52    | 3.07    | 3.41    | 0.25    | 0.95    | 0.20    |
| in: | (0.172) | (0.190) | (0.042) | (0.060) | (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* |                                   |
| 3.0               | 6.2             | 2.6             | 5.0  | 2.0  | 4.0  | 5                       | 0.015             | 0.05 | 1.2                               |

\* Maximum resistance is measured 1 hour after reflow.

\*\* Values specified were determined using PCB's with 0.070"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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