

## Specification Status: Released

### Maximum Electrical Rating

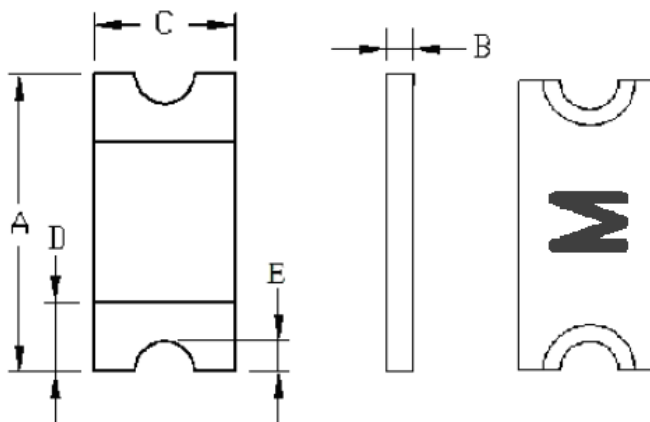
**Voltage: 6.0V<sub>DC</sub>**

**Short Circuit Current: 40A**

#### Notes:

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

Marking: M



**TABLE I. DIMENSIONS:**

mm:  
in:

| A       |         | B       |         | C       |         | D       |         | E       |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| MIN     | MAX     | MIN     | MAX     | MIN     | MAX     | MIN     | MAX     | MIN     |
| 2.00    | 2.20    | 0.63    | 0.93    | 1.30    | 1.50    | 0.25    | 0.75    | 0.076   |
| (0.079) | (0.087) | (0.025) | (0.036) | (0.051) | (0.059) | (0.010) | (0.030) | (0.003) |

**TABLE II. PERFORMANCE RATINGS:**

| CURRENT RATINGS** |      |                 |      |                 |      | TIME TO TRIP**            | RESISTANCE VALUES |      | TRIPPED-STATE POWER DISSIPATION** |
|-------------------|------|-----------------|------|-----------------|------|---------------------------|-------------------|------|-----------------------------------|
| AMPERES AT 0°C    |      | AMPERES AT 25°C |      | AMPERES AT 60°C |      | SECONDS AT 25°C, 8.0A MAX | OHMS AT 25°C      |      | WATTS AT 25°C, 6.0V MAX           |
| HOLD              | TRIP | HOLD            | TRIP | HOLD            | TRIP |                           | MIN               | MAX* |                                   |
| 0.90              | 1.80 | 0.75            | 1.50 | 0.55            | 1.10 | 0.2                       | 0.10              | 0.35 | 0.7                               |

\* Maximum resistance is measured 1 hour after reflow.

\*\* Values specified were determined using PCB's with 0.040"x1.0 ounce copper traces.

Agency Recognition:

UL, CSA, TÜV

Reference Document:

PS300

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**

**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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