

Specification Status: Released

Maximum Electrical Rating

Voltage: 6.0V_{DC}
Short Circuit Current: 40A

Notes:

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

Marking: M

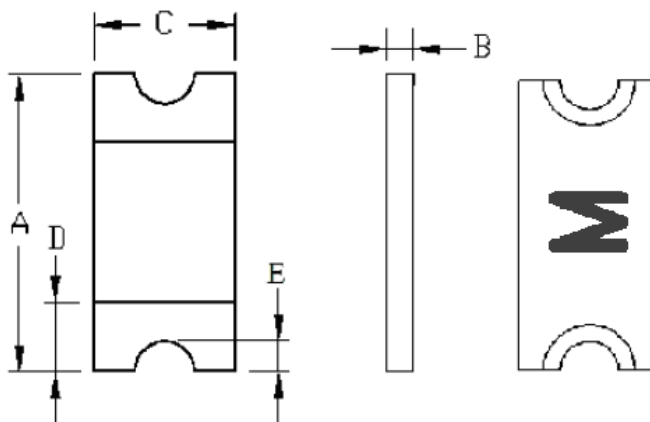


TABLE I. DIMENSIONS:

| | A | | B | | C | | D | | E |
|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | MIN |
| mm: | 2.00 | 2.20 | 0.63 | 0.93 | 1.30 | 1.50 | 0.25 | 0.75 | 0.076 |
| in: | (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 | OHMS AT 25°C | | WATTS AT 25°C, 6.0V |
| HOLD | TRIP | HOLD | TRIP | HOLD | TRIP | MAX | MIN | MAX* | 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

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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