

Specification Status: Released

Maximum Electrical Ratings

Operating Voltage / Interrupt Current

15V / 40A

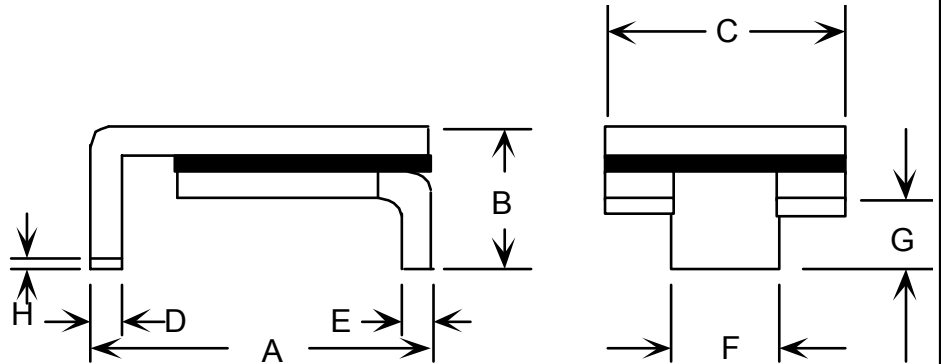
12V / 60A

5V / 125A

Marking:



Manufacturer's Mark
 Part Identification



Notes:

1. All metal surfaces are tin plated.
2. Devices cannot be wave soldered.
3. Drawing not to scale.

TABLE I. DIMENSIONS:

| | A | | B | | C | | D | | E | | F | | G | | H |
|------|---------|---------|-----|---------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | MIN |
| mm: | 6.73 | 7.98 | -- | 3.00 | 4.8 | 5.44 | 0.56 | 0.71 | 0.56 | 0.71 | 2.16 | 2.41 | 0.66 | 1.37 | 0.43 |
| in*: | (0.265) | (0.314) | -- | (0.118) | (0.19) | (0.214) | (0.022) | (0.028) | (0.022) | (0.028) | (0.085) | (0.095) | (0.026) | (0.054) | (0.017) |

*Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

| CURRENT RATINGS** | | | | | | TIME TO TRIP** | RESISTANCE VALUES | TRIPPED-STATE POWER DISSIPATION** | |
|-------------------|------|--------------|------|--------------|------|---------------------------|-------------------|-----------------------------------|-------------------|
| AMPS AT 0°C | | AMPS AT 20°C | | AMPS AT 60°C | | SECONDS AT 20°C, 8.0A MAX | OHMS AT 20°C | | WATTS AT 20°C MAX |
| HOLD | TRIP | HOLD | TRIP | HOLD | TRIP | | MIN | MAX* | |
| 1.50 | 3.00 | 1.25 | 2.50 | 0.85 | 1.7 | 2 | 0.07 | 0.25 | 1.7 |

* 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, E.N. SMD 1.0x

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.