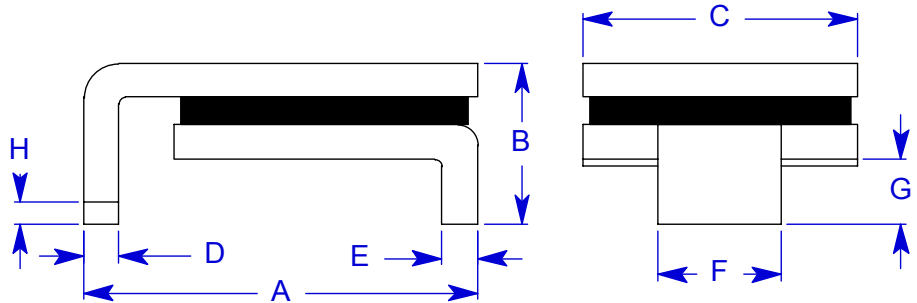


**Specification Status: Released****Maximum Electrical Ratings****Operating Voltage / Interrupt Current****15V / 40A****12V / 60A****5V / 125A****Marking:** **150**

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:  | 8.00    | 9.40    | --  | 3.00    | 6.0     | 6.71    | 0.56    | 0.71    | 0.56    | 0.71    | 3.68    | 3.94    | 0.66    | 1.37    | 0.43    |
| in*: | (0.315) | (0.370) | --  | (0.118) | (0.236) | (0.264) | (0.022) | (0.028) | (0.022) | (0.028) | (0.145) | (0.155) | (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*  |                                   |
| 1.80              | 3.60 | 1.50         | 3.00 | 0.99         | 1.98 | 5                         | 0.060             | 0.250 | 1.9                               |

\* Maximum resistance is measured both 1 hour post reflow and 1 hour post trip.

\*\* 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.