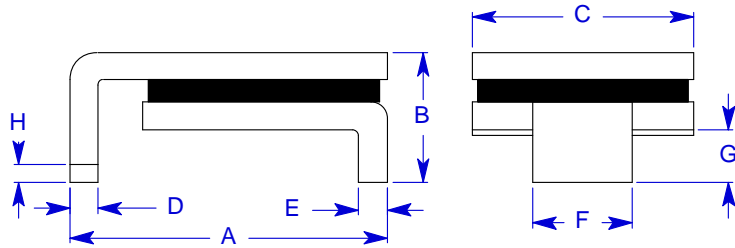


Specification Status: Released

Maximum Electrical Ratings

Operating Voltage / Interrupt Current
15V_{DC} / 40A
12V_{DC} / 60A
5V_{DC} / 125A



Marking:

150F – Part Identification
Manufacturer's Mark
 – Lot 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) |

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 | OHMS AT 20°C | | WATTS AT 20°C |
| HOLD | TRIP | HOLD | TRIP | HOLD | TRIP | MAX | MIN | MAX* | MAX |
| 1.80 | 3.60 | 1.50 | 3.00 | 0.99 | 1.98 | 5.0 | 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.

Agency Recognition: UL, CSA, TÜV
 Reference Documents: 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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