




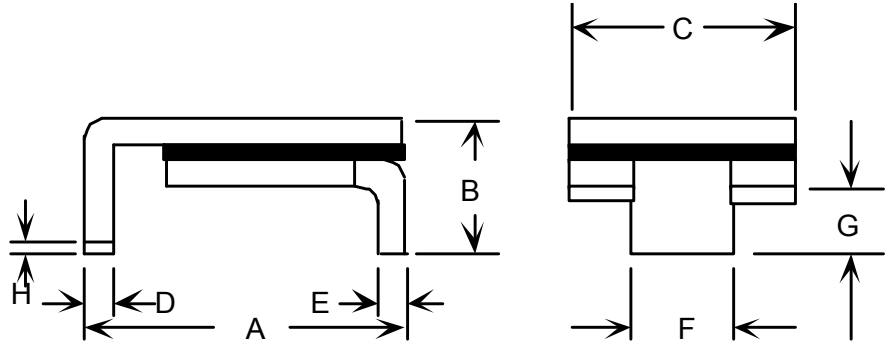
Specification Status: Released

Maximum Electrical Ratings

Operating Voltage / Interrupt Current
60V_{DC} / 10A
12V_{DC} / 60A
5V_{DC} / 125A

Marking:

 **050F** – 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: | 6.73 | 7.98 | -- | 3.18 | 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) | -- | (0.125) | (0.19) | (0.214) | (0.022) | (0.028) | (0.022) | (0.028) | (0.085) | (0.095) | (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 25°C | | AMPS AT 60°C | | SECONDS AT 25°C, 1.95A MAX | OHMS AT 25°C | | WATTS AT 25°C |
| HOLD | TRIP | HOLD | TRIP | HOLD | TRIP | | MIN | MAX* | MAX |
| 0.46 | 1.15 | 0.37 | 0.94 | 0.26 | 0.65 | 20 | 0.29 | 1.40 | 1.7 |

* 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, PS400

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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