




**Specification Status: Released**

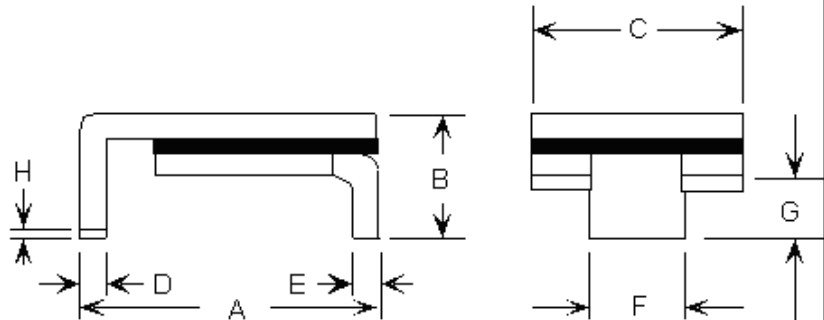
**Maximum Electrical Ratings**

Operating Voltage / Interrupt Current

- 60V<sub>DC</sub> / 10A
- 12V<sub>DC</sub> / 60A
- 5V<sub>DC</sub> / 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 20°C |      | AMPS AT 60°C |      | SECONDS AT 20°C, 2.5A MAX | OHMS AT 20°C      | WATTS AT 20°C                     |
| HOLD              | TRIP | HOLD         | TRIP | HOLD         | TRIP |                           | MIN               | MAX*                              |
| 0.55              | 1.10 | 0.50         | 1.00 | 0.33         | 0.66 | 4.0                       | 0.35              | 1.4                               |
|                   |      |              |      |              |      |                           |                   | 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.

Agency Recognition: UL, CSA and 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\***



\* Halogen Free refers to: Br≤900ppm, Cl≤900ppm, Br+Cl≤1500ppm

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