

## Specification Status: Released

### Maximum Electrical Ratings

#### Operating Voltage / Interrupt Current

15Vdc / 40A

12Vdc / 60A

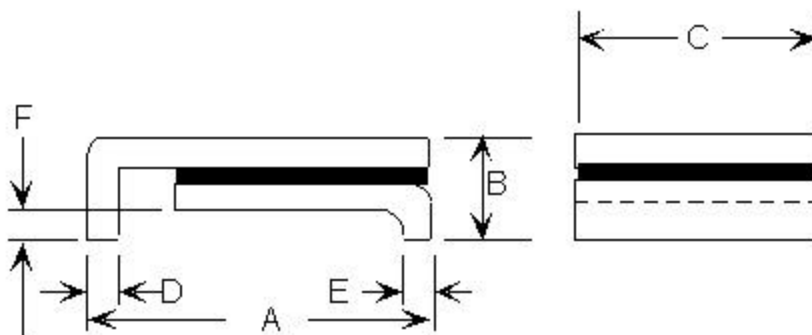
5Vdc / 125A

#### Marking:

✕ A10

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       |         |
|------|---------|---------|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|
|      | MIN     | MAX     | MIN | MAX     | MIN     | MAX     | MIN     | MAX     | MIN     | MAX     | MIN     | MAX     |
| mm:  | 4.72    | 5.44    | --  | 1.52    | 4.22    | 4.93    | 0.25    | 0.36    | 0.25    | 0.36    | 0.30    | 0.46    |
| in*: | (0.186) | (0.214) | --  | (0.060) | (0.166) | (0.194) | (0.010) | (0.014) | (0.010) | (0.014) | (0.012) | (0.018) |

\*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*  |                                   |
| 1.20              | 2.40 | 1.10         | 2.20 | 0.72         | 1.45 | 0.5                       | 0.100             | 0.400 | 1.4                               |

\* Maximum resistance is measured 1 hour after reflow

\*\* Values specified were determined using PCB's with 0.030"x1.5ounce 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.