

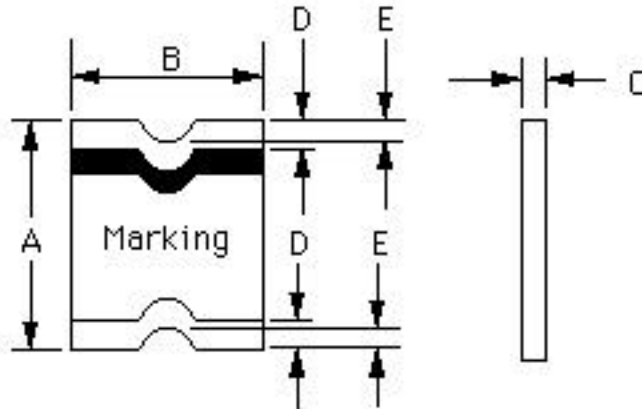
**Specification Status: RELEASED**

**Maximum Electrical Rating**

**Voltage: 6.0V<sub>DC</sub>**  
**Current: 40A**

**Notes:**

1. All terminations are tin/lead plated.
2. Devices can be wave soldered.
3. Drawing not to scale



**Marking:**



PART IDENTIFICATION

MANUFACTURER'S MARK

**TABLE I. DIMENSIONS:**

|     | A     |       | B     |       | C     |       | D     | E     |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|
|     | MIN   | MAX   | MIN   | MAX   | MIN   | MAX   | MIN   | MIN   |
| mm  | 3.00  | 3.43  | 2.35  | 2.80  | 0.38  | 0.62  | 0.30  | 0.25  |
| in: | 0.118 | 0.135 | 0.092 | 0.110 | 0.015 | 0.025 | 0.012 | 0.010 |

**TABLE II. PERFORMANCE RATINGS:**

| IHOLD **<br>RATED<br>CURRENT | HOLD CURRENT AT TEMPERATURE** |                           |                            |                            | TIME TO<br>TRIP ** | RESISTANCE<br>VALUES |      | ** TRIPPED-STATE<br>POWER<br>DISSIPATION |
|------------------------------|-------------------------------|---------------------------|----------------------------|----------------------------|--------------------|----------------------|------|--|
|                              | AMPERES<br>AT 20°C<br>HOLD    | AMPERES<br>AT 0°C<br>HOLD | AMPERES<br>AT 20°C<br>HOLD | AMPERES<br>AT 60°C<br>HOLD |                    | OHMS<br>AT 20°C      |      |  |
| 0.35                         | 0.40                          | 0.35                      | 0.75                       | 0.24                       | 0.2                | 0.32                 | 1.30 | 0.8                                      |

\* Maximum resistance is measured 1 hour after reflow.

\*\*Values specified were determined using PCB's with 0.030"X1.5 ounce copper traces.

Reference Documents: PS300, E. N. SMD1.0x

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.