

**Specification Status: Released**

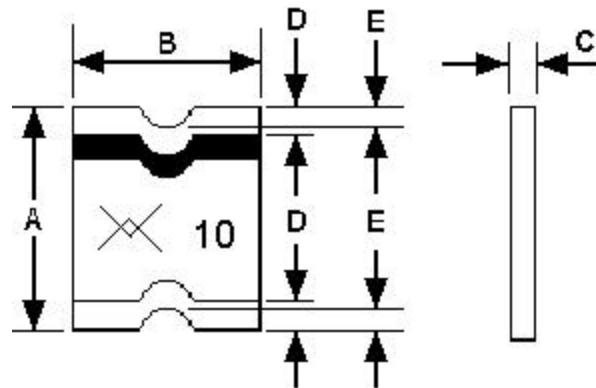
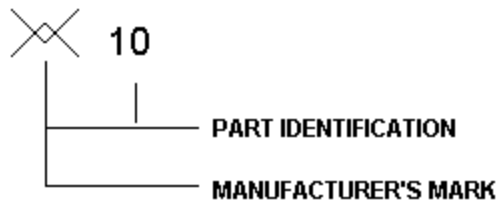
**Maximum Electrical Rating**

**Voltage: 30V<sub>DC</sub>**  
**Current: 10A**

**Notes:**

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

**Marking:**



**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    | 0.50    | 0.85    | 0.25    | 0.20    |
| in.* | (0.118) | (0.135) | (0.092) | (0.111) | (0.019) | (0.034) | (0.010) | (0.008) |

\*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, 0.50A MAX | OHMS AT 20°C      |      | WATTS AT 20°C, 30V MAX            |
| HOLD              | TRIP | HOLD         | TRIP | HOLD         | TRIP |                            | MIN               | MAX* |                                   |
| 0.12              | 0.30 | 0.10         | 0.25 | 0.06         | 0.15 | 1.0                        | 2.1               | 15.0 | 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.