

**Specification Status: RELEASED**

**Maximum Electrical Rating**

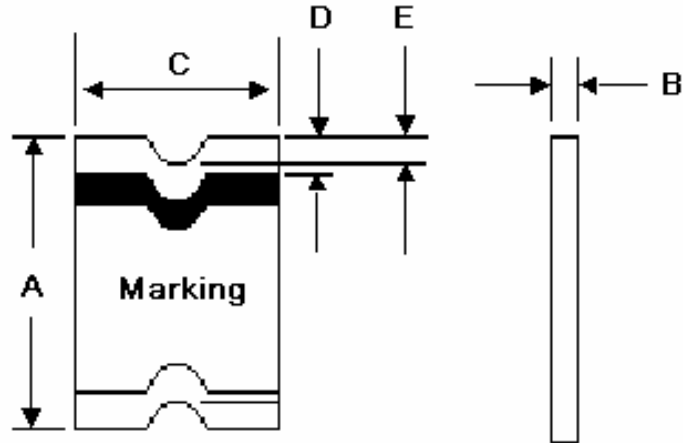
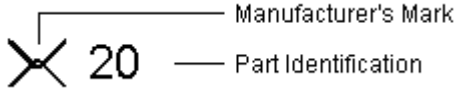
**Voltage: 8V<sub>DC</sub>**

**Short Circuit Current: 100A**

**Notes:**

1. All terminations are tin plated.
2. Drawing not to scale

**Marking:**



**TABLE I. DIMENSIONS:**

|     | A       |         | B       |         | C       |         | D       |         | E       |
|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|
|     | MIN     | MAX     | MIN     | MAX     | MIN     | MAX     | MIN     | MAX     | MIN     |
| mm: | 4.37    | 4.73    | 0.51    | 1.22    | 3.07    | 3.41    | 0.25    | 0.95    | 0.20    |
| in: | (0.172) | (0.186) | (0.020) | (0.048) | (0.121) | (0.134) | (0.010) | (0.040) | (0.008) |

**TABLE II. PERFORMANCE RATINGS:**

| CURRENT RATINGS** |      |                 |      |                 |      | TIME TO TRIP**      | RESISTANCE VALUES | TRIPPED-STATE POWER DISSIPATION** |                   |
|-------------------|------|-----------------|------|-----------------|------|---------------------|-------------------|-----------------------------------|-------------------|
| AMPERES AT 0°C    |      | AMPERES AT 20°C |      | AMPERES AT 60°C |      | SECONDS AT 20°C, 8A | OHMS AT 20°C      |                                   | WATTS AT 20°C, 8V |
| HOLD              | TRIP | HOLD            | TRIP | HOLD            | TRIP | MAX                 | MIN               | MAX*                              | MAX               |
| 2.22              | 4.44 | 2.00            | 4.00 | 1.50            | 3.00 | 5                   | 0.020             | 0.070                             | 1.0               |

\* Maximum resistance is measured 1 hour after reflow

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

Agency Recognition: UL, CSA, TÜV  
 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.

**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