

Specification Status: RELEASED

Maximum Electrical Rating

Voltage: 24V_{DC}
Short Circuit Current: 100A

Notes:

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

Marking:

5 X 9

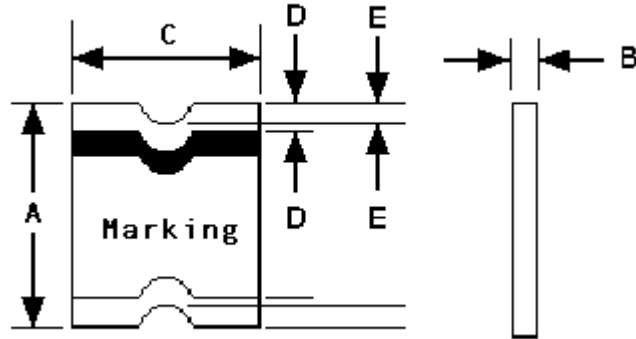
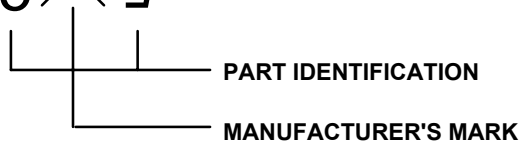


TABLE I. DIMENSIONS:

| | A | | B | | C | | D | E | |
|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MIN | MAX |
| mm: | 4.37 | 4.73 | 0.38 | 0.62 | 3.07 | 3.41 | 0.30 | 0.25 | 0.50 |
| in: | (0.172) | (0.186) | (0.015) | (0.025) | (0.121) | (0.134) | (0.012) | (0.010) | (0.020) |

TABLE II. PERFORMANCE RATINGS:

| CURRENT RATINGS** | | | TIME TO TRIP** @ 8.0A | RESISTANCE VALUES | | TRIPPED-STATE POWER DISSIPATION** |
|-----------------------|----------------------|----------------------|--------------------------|-------------------|-------------------|-----------------------------------|
| AMPERES AT -40°C HOLD | AMPERES AT 20°C HOLD | AMPERES AT 60°C HOLD | SECONDS AT 20°C MAX | OHMS AT 20°C MIN | OHMS AT 20°C MAX* | WATTS AT 20°C MAX |
| 0.59 | 0.50 | 0.35 | 0.15 | 0.15 | 1.00 | 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.

PS300, E. N. SMD1.0x

This specification takes precedence over documents referenced herein.

Reference documents shall be the issue in effect on the date of invitation for bid.

Operation beyond the rated voltage or current may result in rupture, electrical arcing or flame.