

## Specification Status: Released

### Maximum Electrical Rating

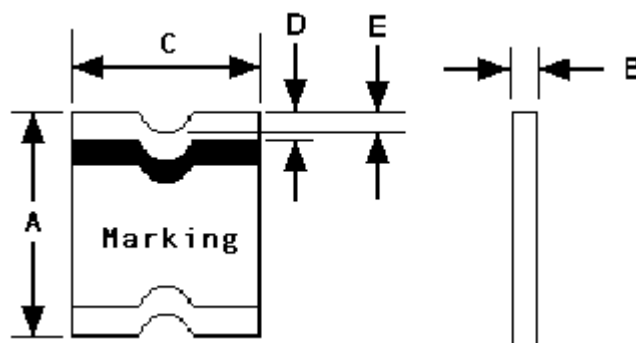
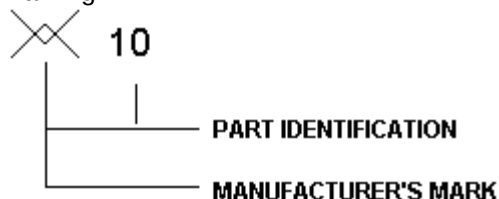
**Voltage: 30V<sub>DC</sub>**

**Short Circuit Current: 10A**

#### 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: | 3.00    | 3.43    | 0.50    | 0.85    | 2.35    | 2.80    | 0.25    | 0.75    | 0.076   |
| in: | (0.118) | (0.135) | (0.019) | (0.034) | (0.092) | (0.110) | (0.010) | (0.030) | (0.003) |

**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.

Agency Recognition: UL, CSA, TÜV

Reference Documents: PS300

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



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DOCUMENT: SCD25264  
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