

## Specification Status: Released

### Maximum Electrical Rating

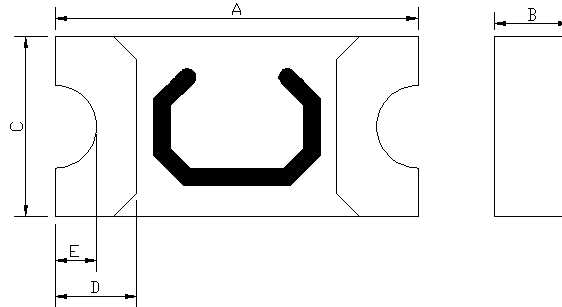
Voltage: 9.0V<sub>DC</sub>

Short Circuit Current: 40A

#### Notes:

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

Marking: C



**TABLE I. DIMENSIONS:**

|     | A       |         | B       |         | C       |         | D       |         | E       |
|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|
|     | MIN     | MAX     | MIN     | MAX     | MIN     | MAX     | MIN     | MAX     | MIN     |
| mm: | 1.40    | 1.80    | 0.35    | 0.75    | 0.60    | 1.00    | 0.10    | 0.50    | 0.075   |
| in: | (0.055) | (0.071) | (0.013) | (0.030) | (0.023) | (0.039) | (0.004) | (0.020) | (0.003) |

**TABLE II. PERFORMANCE RATINGS:**

| CURRENT RATINGS** |      |                 |      |                 |      |                 |      | TIME TO TRIP**            | RESISTANCE VALUES | TRIPPED-STATE POWER DISSIPATION** |
|-------------------|------|-----------------|------|-----------------|------|-----------------|------|---------------------------|-------------------|-----------------------------------|
| AMPERES AT 0°C    |      | AMPERES AT 25°C |      | AMPERES AT 60°C |      | AMPERES AT 85°C |      | SECONDS AT 25°C, 0.8A MAX | OHMS AT 25°C      | WATTS AT 25°C, 9.0V MAX           |
| HOLD              | TRIP | HOLD            | TRIP | HOLD            | TRIP | HOLD            | TRIP |                           | MIN               | MAX*                              |
| 0.14              | 0.35 | 0.12            | 0.30 | 0.08            | 0.20 | 0.06            | 0.15 | 0.1                       | 1.10              | 5.80                              |
|                   |      |                 |      |                 |      |                 |      |                           |                   | 0.5                               |

\* Maximum resistance is measured 1 hour after reflow.

\*\* Values specified were determined using PCB's with 0.030"x1.0 ounce copper traces.

Agency Recognitions: UL, CSA  
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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