

## Specification Status: Released

### Maximum Electrical Rating

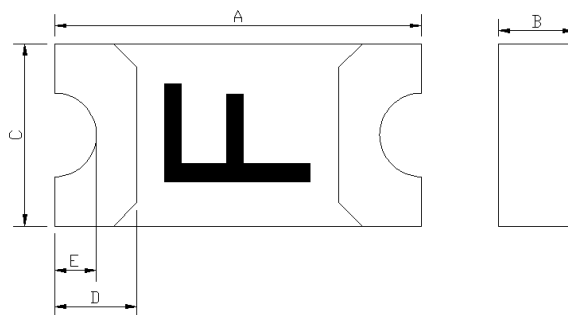
**Voltage: 9V<sub>DC</sub>**

**Short Circuit Current: 40A**

#### Notes:

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

Marking: F



**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, 2A | OHMS AT 25°C | WATTS AT 25°C, 9V |      |                |                   |                                   |
| HOLD              | TRIP            | HOLD            | TRIP            | HOLD                | TRIP         | HOLD              | TRIP | MAX            | MIN               | MAX*                              |
| 0.24              | 0.53            | 0.20            | 0.45            | 0.14                | 0.33         | 0.10              | 0.22 | 0.10           | 0.70              | 3.00                              |
|                   |                 |                 |                 |                     |              |                   |      |                |                   | 0.50                              |

\* Maximum resistance is measured 1 hour after reflow

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

Agency Recognition: UL, CSA, TÜV

Reference Document: 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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