

## Specification Status: Released

### Maximum Electrical Rating

**Voltage: 24V<sub>DC</sub>**

**Short Circuit Current: 40A**

#### Notes:

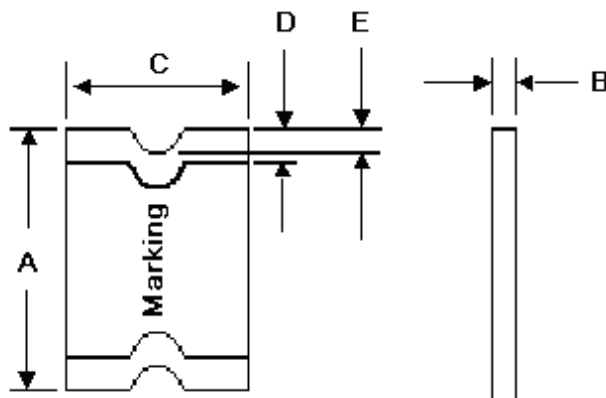
1. All terminations are tin plated.
2. Drawing not to scale

#### Marking:

 **075F**  
**24V**

PART IDENTIFICATION

MANUFACTURER'S MARK



**TABLE I. DIMENSIONS:**

|     | A       |         | B       |         | C       |         | D       |         | E       |
|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|
|     | MIN     | MAX     | MIN     | MAX     | MIN     | MAX     | MIN     | MAX     | MIN     |
| mm: | 4.37    | 4.83    | 0.81    | 1.46    | 3.07    | 3.41    | 0.25    | 0.95    | 0.20    |
| in: | (0.172) | (0.190) | (0.032) | (0.057) | (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 MAX | OHMS AT 20°C      |      | WATTS AT 20°C, 24V MAX            |
| HOLD               | TRIP | HOLD            | TRIP | HOLD            | TRIP |                         | MIN               | MAX* |                                   |
| 1.00               | 2.00 | 0.75            | 1.50 | 0.55            | 1.10 | 0.3                     | 0.09              | 0.29 | 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 Recognitions: 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