

## Specification Status: Released

### Maximum Electrical Rating

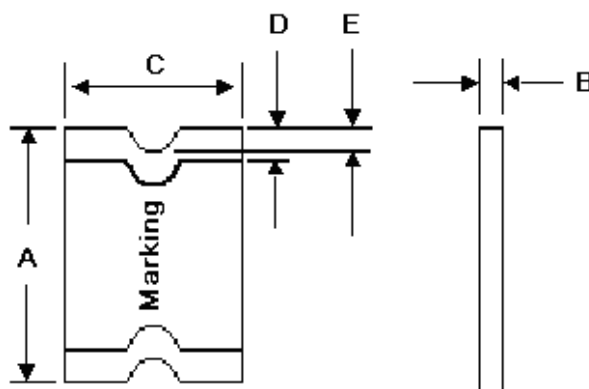
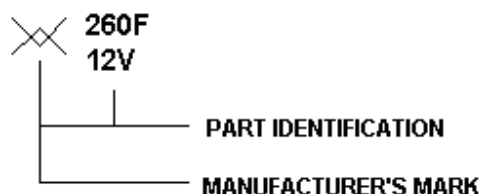
Voltage: 12V<sub>DC</sub>

Short Circuit Current: 100A

#### 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: | 4.37    | 4.83    | 1.02    | 1.52    | 3.07    | 3.41    | 0.25    | 0.95    | 0.20    |
| in: | (0.172) | (0.190) | (0.042) | (0.060) | (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, 12V MAX            |
| HOLD              | TRIP | HOLD            | TRIP | HOLD            | TRIP |                         | MIN               | MAX*  |                                   |
| 3.0               | 6.2  | 2.6             | 5.0  | 2.0             | 4.0  | 5                       | 0.015             | 0.047 | 1.0                               |

\* Maximum resistance is measured 1 hour after reflow

\*\* Values Specified were determined using PCB's with 0.070"X1.5 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.



**PolySwitch®**  
**PTC Devices**  
**Overcurrent Protection Device**

**PRODUCT: miniSMDC260F/12**

DOCUMENT: SCD25566  
REV LETTER: H  
REV DATE: JULY 26, 2016  
PAGE NO.: 2 OF 2

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