

**Specification Status: Released**

**Maximum Electrical Rating**

**Operating Voltage: 16Vdc**  
**Interrupt Current: 100A**

Chip Size: 2.8 X 9.6mm

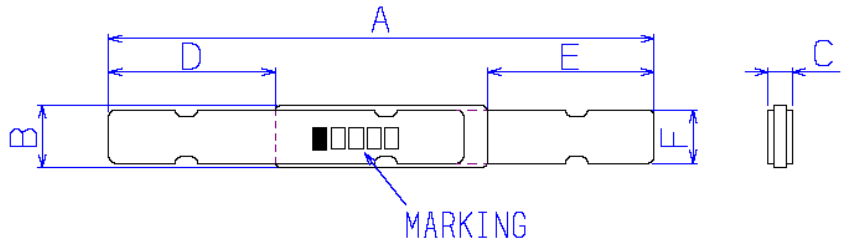
Leads: Nickel 1/2H  
0.125mm nominal thickness

Tape: None

Solder: Lead-free

Marking:

□□□□ — Lot Identification



**TABLE I. DIMENSIONS:**

|      | A      |        | B      |        | C   |        | D      |        | E      |        | F      |        |
|------|--------|--------|--------|--------|-----|--------|--------|--------|--------|--------|--------|--------|
|      | MIN    | MAX    | MIN    | MAX    | MIN | MAX    | MIN    | MAX    | MIN    | MAX    | MIN    | MAX    |
| mm:  | 23.6   | 25.6   | 2.7    | 2.9    | --- | 0.7    | 7.0    | 8.0    | 7.0    | 8.0    | 2.3    | 2.5    |
| in*: | (0.93) | (1.01) | (0.11) | (0.11) | --  | (0.03) | (0.28) | (0.31) | (0.28) | (0.31) | (0.09) | (0.10) |

\*Rounded off approximation

**TABLE II. PERFORMANCE RATINGS: As measured in Mueller Kelvin Clips model BU-75K.**

| I HOLD | CURRENT TRIP LIMITS |                  |                   |                   |                   |                   | TIME TO TRIP              |                           | REFERENCE RESISTANCE |                  | ONE-HOUR POST-TRIP RESISTANCE |                  | TRIPPED-STATE POWER DISSIPATION |
|--------|---------------------|------------------|-------------------|-------------------|-------------------|-------------------|---------------------------|---------------------------|----------------------|------------------|-------------------------------|------------------|---------------------------------|
|        | AMPS 25°C HOLD      | AMPS AT 0°C HOLD | AMPS AT 25°C TRIP | AMPS AT 60°C HOLD | AMPS AT 60°C TRIP | AMPS AT 60°C TRIP | SECONDS AT 20°C, 5.5A MIN | SECONDS AT 20°C, 5.5A MAX | OHMS AT 25°C MIN     | OHMS AT 25°C MAX | OHMS AT 25°C MIN              | OHMS AT 25°C MAX |                                 |
| 1.1    | 1.4                 | 3.4              | 1.1               | 2.7               | 0.7               | 1.7               | ---                       | 5                         | 0.038                | 0.070            | 0.038                         | 0.140            | 1.3                             |

Agency Recognitions: UL, TUV, 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**

**ELV Compliant**

**Pb-Free**

Directive 2002/95/EC  
Compliant

Directive 2000/53/EC  
Compliant





Expertise Applied | Answers Delivered

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

**PRODUCT: VTP110F**

DOCUMENT: SCD25357  
REV LETTER: F  
REV DATE: JULY 26, 2016  
PAGE NO.: 2 OF 2

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