

**Specification Status: Released**

**Maximum Electrical Rating**

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

Chip Size: 2.8 X 9.6mm

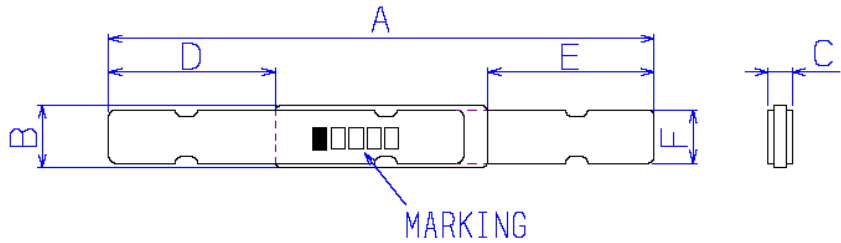
Leads: Nickel 1/2H  
0.125mm nominal thickness

Tap: 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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