

**Specification Status: Released**

**Maximum Electrical Rating**

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

Chip Size: 3.6 x 10mm

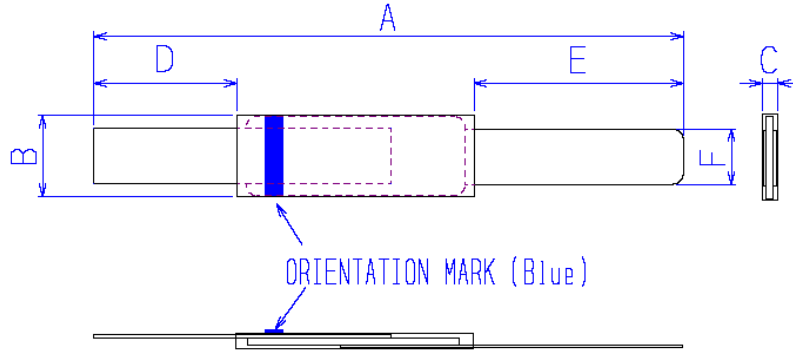
Leads: Nickel 1/4H  
0.125mm nominal thickness

Solder: Lead-free

Tape: Polyester (White)  
11mm nominal width

Marking: (Color: Green)

- Manufacturer's Mark
- XX VIX — Part Identification
- — Lot Identification



**TABLE I. DIMENSIONS:**

	A		B		C		D		E		F	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	25.8	28.2	3.5	3.9	---	0.8	5.7	7.3	8.7	10.3	2.4	2.6
in*:	(1.02)	(1.11)	(0.14)	(0.15)	---	(0.03)	(0.22)	(0.29)	(0.34)	(0.41)	(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	REFERENC E RESISTANC E	ONE-HOUR POST-TRIP RESISTANCE	TRIPPED- STATE POWER DISSIPATION		
	AMPS 25°C	AMPS AT 0°C	AMPS AT 25°C	AMPS AT 60°C	AMPS AT --°C	SECONDS AT 25°C, 8.75A	OHMS AT 25°C	OHMS AT 25°C	WATTS AT 25°C,16V						
HOLD	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	MIN	MAX	MIN	MAX	MIN	MAX	MAX
1.75	2.2	4.7	1.75	3.6	0.8	1.9	---	---	---	5	0.029	0.051	0.029	0.102	1.4

Agency Recognitions:  
Reference Documents:  
Precedence: This  
Effectivity: Reference  
CAUTION: Operation

UL, TUV, CSA  
PS300  
specification takes precedence over documents referenced herein.  
documents shall be the issue in effect on the date of invitation for bid.  
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





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

**PRODUCT: VTP175LF**

DOCUMENT: SCD25934  
PCN: D16304  
REV LETTER: D  
REV DATE: JULY 26, 2016  
PAGE NO.: 2 OF 2

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