

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

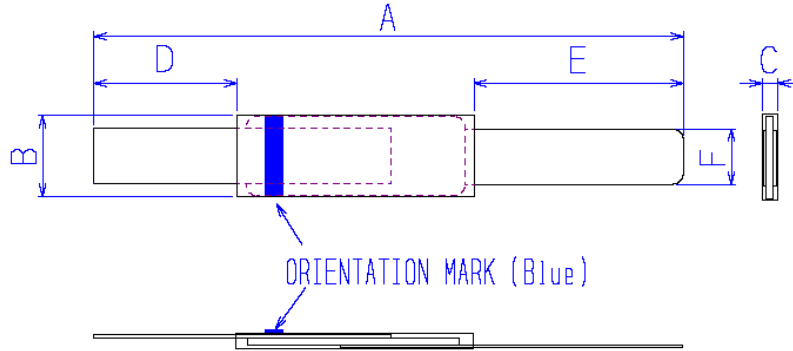


TABLE I. DIMENSIONS:

	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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