

Specification Status: Released

Maximum Electrical Rating

Operating Voltage: 16Vdc
Interrupt Current: 100A

Chip Size: 5 x 7mm

Leads: Nickel 1/4H
0.125mm nominal thickness

Solder: Lead-free

Tape: Polyester (White)
6.5 mm nominal width

Lot Marking Ink Color (Green)

Marking:

- Manufacturer's Mark
- XX V17 — Part Identification
- — Lot Identification

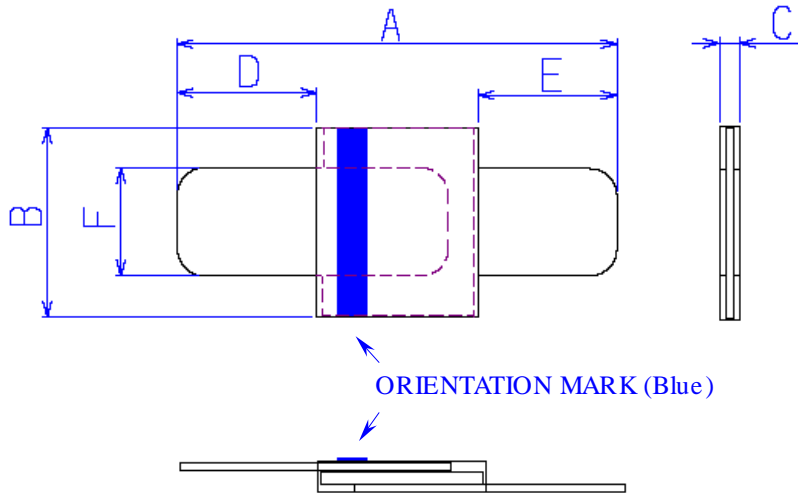


TABLE I. DIMENSIONS:

	A		B		C		D		E		F	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	15.4	17.5	7.0	7.4	0.5	0.8	4.0	6.2	4.0	6.2	3.9	4.1
in*:	(0.60)	(0.69)	(0.28)	(0.29)	(0.02)	(0.03)	(0.16)	(0.24)	(0.16)	(0.24)	(0.15)	(0.16)

*Rounded off approximation

TABLE II. PERFORMANCE RATINGS: As measured in Muller 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, 8.5A		OHMS AT 25°C		WATTS AT 25°C, 16V MAX
	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP			HOLD	TRIP		MIN	MAX	MIN	MAX	
1.7	2.2	4.5	1.7	3.4	0.8	1.8	---	---	---	5	0.030	0.052	0.030	0.105	1.4			

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

Directive 2002/95/EC
Compliant

ELV Compliant

Directive 2000/53/EC
Compliant

Pb-Free



PolySwitch®
PTC Devices
Overcurrent Protection Device

PRODUCT: VTP170F

DOCUMENT: SCD25924
REV LETTER: E
REV DATE: JULY 26, 2016
PAGE NO.: 2 OF 2

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