

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

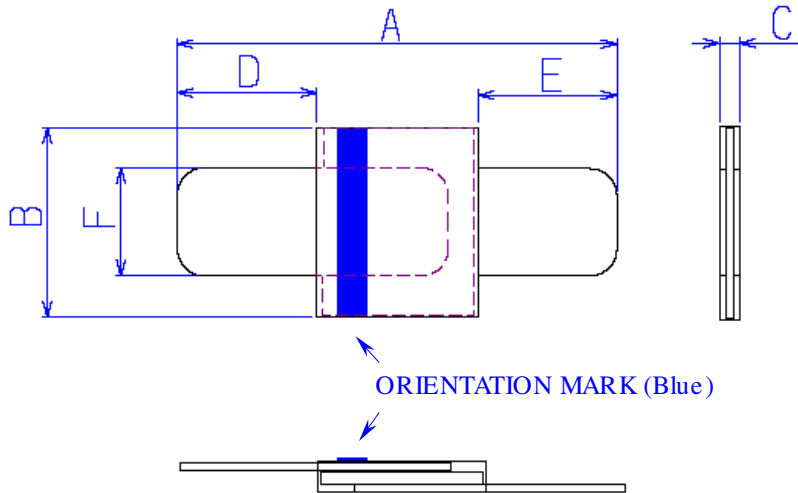


TABLE I. DIMENSIONS:

A		B		C		D		E		F	
MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
15.4	17.5	7.0	7.4	0.5	0.8	4.0	6.2	4.0	6.2	3.9	4.1
(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	OHMS AT 25°C	WATTS AT 25°C, 16V			
HOLD	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	MIN	MAX	MIN	MAX	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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