

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

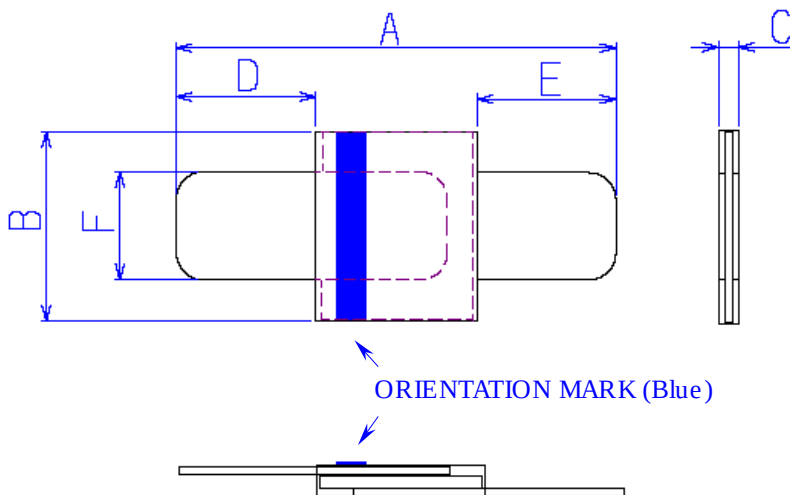


TABLE I. DIMENSIONS:

	A		B		C		D		E		F	
mm:	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
in*:	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		MAX	
HOLD	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	MIN	MAX	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:

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

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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