

Specification Status: Released

Maximum Electrical Rating

Operating Voltage: 16Vdc
Interrupt Current: 100A

Chip Size: 3.6 x 10mm

Lead: Nickel 1/4H
0.125mm nominal thickness

Solder: Lead-free

Tape: Polyester
11mm nominal width

Marking: (Color: Green)

— Manufacturer's Mark

XX V1X — Part Identification

□□□□ — Lot Identification

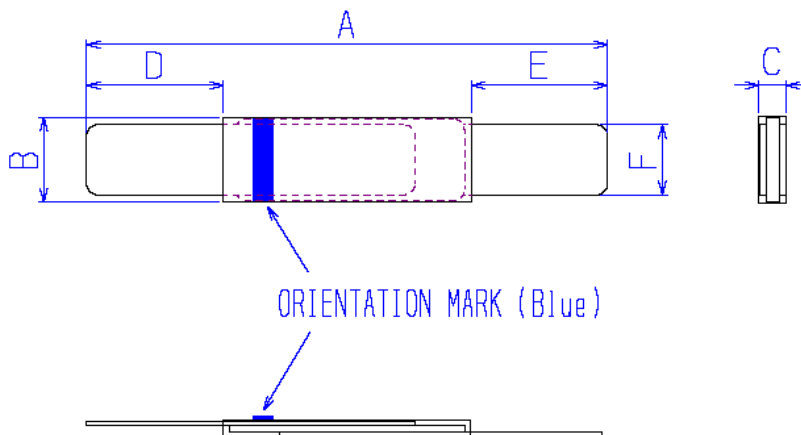


TABLE I. DIMENSIONS:

	A		B		C		D		E		F		G	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	21.2	23.2	3.5	3.9	--	0.8	4.6	6.6	4.6	6.6	2.9	3.1	--	--
in*:	(0.83)	(0.91)	(0.13)	(0.15)	--	(0.03)	(0.18)	(0.26)	(0.18)	(0.26)	(0.11)	(0.12)	--	--

*Rounded off approximation

TABLE II. PERFORMANCE RATINGS: As measured in Mueller Kelvin Clips model BU-75K.

I HOLD	CURRENT TRIP LIMITS								TIME TO TRIP		REFERENCE RESISTANCE		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	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:

Effectivity:

CAUTION:

UL, TUV, CSA

PS300

This specification takes precedence over documents referenced herein.

Reference documents shall be the issue in effect on the date of invitation for bid.

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





Expertise Applied | Answers Delivered

PolySwitch®
PTC Devices
Overcurrent Protection Device

PRODUCT : VTP175F
DOCUMENT: SCD26191
PCN: A57199
REV LETTER: C
REV DATE: JULY 26, 2016
PAGE NO.: 2 OF 2

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