

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

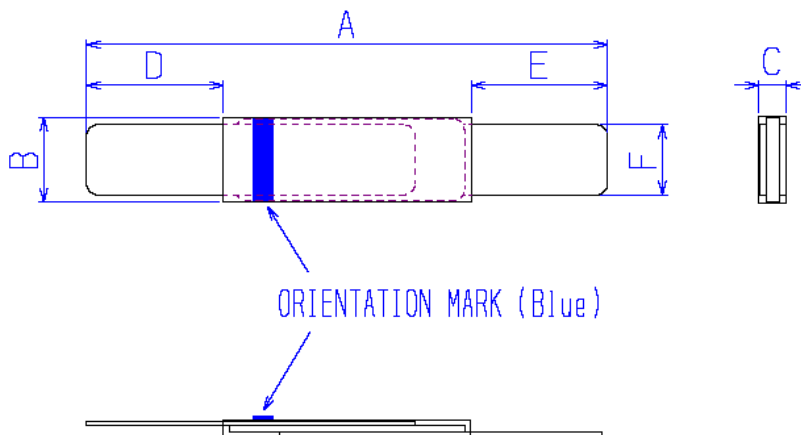


TABLE I. DIMENSIONS:

	A		B		C		D		E		F		G	
mm:	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
in*:	21.2	23.2	3.5	3.9	--	0.8	4.6	6.6	4.6	6.6	2.9	3.1	--	--
	(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	TRIP	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:

UL, TUV, CSA
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 : VTP175F
DOCUMENT: SCD26191
PCN: A57199
REV LETTER: C
REV DATE: JULY 26, 2016
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