

PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: VTP210GF

DOCUMENT: SCD25823 REV LETTER: D

REV DATE: JULY 26, 2016

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Specification Status: Released

Maximum Electrical Rating
Operating Voltage: 16Vdc
Interrupt Current: 100A

Leads: Nickel 1/4H

0.125mm nominal thickness

Solder: Lead-free

Tape: Polyester(White)

13mm nominal width

Lot Marking Ink Color (Green)

Marking:

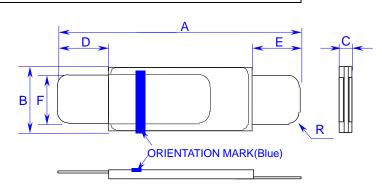


TABLE I. DIMENSIONS:

	Α		В		С		D		E		F		R	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	TYP	MAX
mm:	20.9	23.1	4.9	5.3		0.8	4.1	5.8	4.1	5.8	3.9	4.1	1.0	
in*:	(0.82)	(0.91)	(0.19)	(0.21)	1	(0.03)	(0.16)	(0.23)	(0.16)	(0.23)	(0.15)	(0.16)	(0.4)	

^{*}Rounded off approximation

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

I HOLD		MITS		TIME	TO	REFERENCE		ONE-HOUR		TRIPPED-			
	!							IP.	RESISTANCE		POST-TRIP		STATE
											RESISTANCE		POWER
									DISSIPATION				
AMPS	AMPS		AMPS		AMPS		SECONDS AT		OHMS		OHMS		WATTS AT
25°C	AT 0°C		AT 2	25°C AT 60°C		S0°C	25°C,	5°C, 10.0A		AT 25°C		25°C	25°C,16V
HOLD	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	MIN	MAX	MIN	MAX	MIN	MAX	MAX
2.1	2.9	6.0	2.1	4.7	1.0	2.8		5	0.018	0.030	0.018	0.060	1.5

Agency Recognition: UL, CSA, TUV

Reference Document: 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





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