

Raychem Circuit Protection
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RAYCHEM
PolySwitch®
PTC Devices
Overcurrent Protection Device

PRODUCT: VTP210SS

DOCUMENT: SCD 24088
PCN: 753039
REV LETTER: C
REV DATE: NOVEMBER 6, 2000
PAGE: 1 OF 1

Specification Status: Released

Electrical Rating

Voltage: 16V MAX

Current: 100A MAX

Leads:

Nickel: 0.125 mm nom.

Tape: Polyester

Marking:

— Manufacturer's Mark

⊗ V21 — Part Identification

□□□□ — Lot Identification

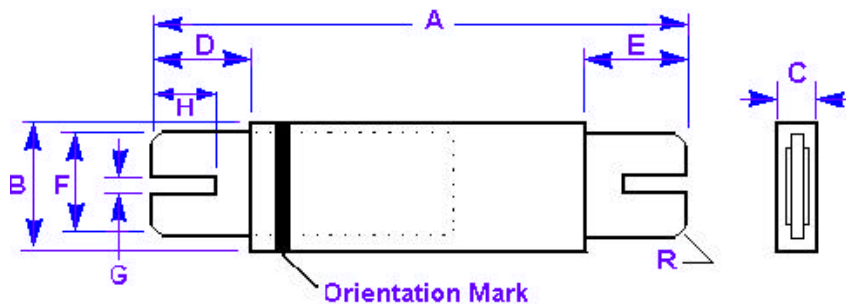


TABLE I. DIMENSIONS:

	A		B		C		D		E		F		G	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	20.9	23.1	4.9	5.3	0.6	0.8	4.1	5.8	4.1	5.8	3.9	4.1	0.3	0.7
in*:	(0.82)	(0.91)	(0.19)	(0.21)	(0.02)	(0.03)	(0.16)	(0.23)	(0.16)	(0.23)	(0.15)	(0.16)	(0.01)	(0.03)

	H		R	
	MIN	MAX	TYP	MAX
mm:	3.8	4.2	1.0	
in*:	(0.15)	(0.17)	(0.04)	--

*Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

I HOLD	CURRENT TRIP LIMITS								TIME TO TRIP		REFERENCE RESISTANCE	ONE-HOUR POST-TRIP RESISTANCE		TRIPPED-STATE POWER DISSIPATION		
AMPS 25°C HOLD	AMPS AT 0°C		AMPS AT 25°C		AMPS AT 60°C		AMPS AT 80°C		SECONDS AT 25°C, 10.0 A		OHMS AT 25°C		OHMS AT 25°C		WATTS AT 25°C, 16V	
	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	TYP	MAX	MIN	MAX	TYP	MAX	TYP	MAX
2.1	2.9	6.0	2.1	4.7	1.0	2.8	0.4	1.7	1.7	5	0.018	0.030	0.040	0.060	1.2	1.5

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.