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Raychem
Circuit Protection®
PTC Devices
 Overcurrent Protection Device

PRODUCT: VTP175L

DOCUMENT: 24457
 PCN: 337291
 REV LETTER: C
 REV DATE: NOVEMBER 20, 2000
 PAGE NO: 1 OF 1




Specification Status: Released

Electrical Rating

Voltage: 16Vdc MAX
Current: 100A MAX

Leads:
 Nickel: 0.125 mm nom.

Tape: Polyester

Marking:
 Manufacturer's Mark
 V1X Part Identification
 Lot Identification

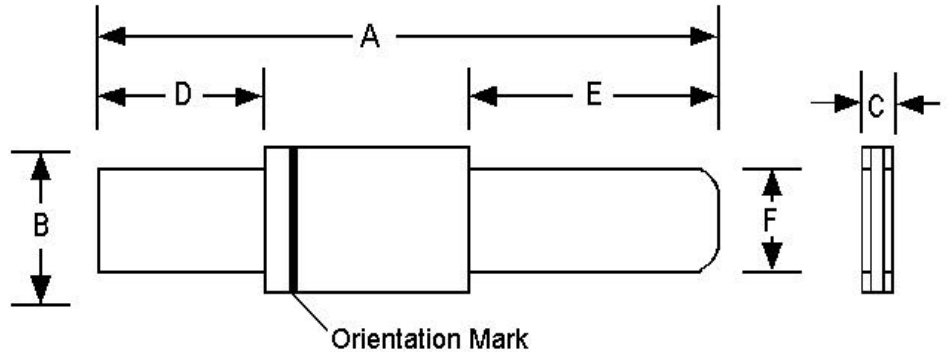


TABLE I. DIMENSIONS:

	A		B		C		D		E		F		G	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	25.8	28.2	3.5	3.9	--	0.8	5.7	7.3	8.7	10.3	2.4	2.6	--	--
in*:	(1.02)	(1.11)	(0.13)	(0.15)	--	(0.03)	(0.22)	(0.29)	(0.34)	(0.41)	(0.09)	(0.10)	--	--

*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 AT 0°C		AMPS AT 25°C		AMPS AT 60°C		AMPS AT 80°C					
	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP				
1.75	2.2	4.7	1.75	3.6	0.8	1.9	--	--	SECONDS AT 25°C, 8.75 A TYP MAX	OHMS AT 25°C MIN MAX	OHMS AT 25°C MIN MAX	WATTS AT 25°C, 16V MAX
									5	0.029 0.051	0.029 0.102	1.4

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.