

Raychem Circuit Protection
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Raychem PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT:LR4-560

DOCUMENT: SCD 24536
 PCN: 153585-000
 REV LETTER: B
 REV DATE: FEBRUARY 8, 2001
 PAGE NO: 1 OF 1

Specification Status: Released

Electrical Rating

Voltage: 20Vdc MAX
Current: 100A MAX

Leads:

Nickel: 0.125 mm nom.

Tape:

Polyester

Marking:

- _____ Manufacturer's Mark
- ⊗ E56 _____ Part Identification
- _____ Lot Identification

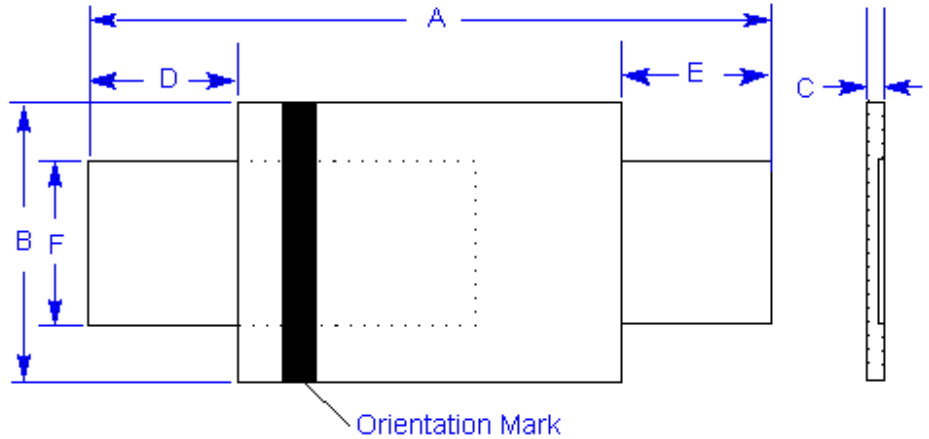


TABLE I. DIMENSIONS:

	A		B		C		D		E		F	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	24.0	26.0	13.9	14.5	0.6	1.0	3.7	5.6	3.7	5.6	5.9	6.1
in*:	(0.94)	(1.02)	(0.54)	(0.57)	(0.02)	(0.04)	(0.14)	(0.22)	(0.14)	(0.22)	(0.23)	(0.24)

*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 20°C		AMPS AT 60°C		AMPS AT 80°C		SECONDS AT 20°C, 28.0A		OHMS AT 20°C		OHMS AT 20°C		WATTS AT 20°C, 20V	
HOLD	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	TYP	MAX	MIN	MAX	MIN	MAX	TYP	MAX
5.6	6.7	13.0	5.6	10.8	4.2	8.2	--	--	--	5.0	0.009	0.016	0.009	0.022	---	2.8

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.