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Raychem
PolySwitch®
PTC Devices
 Overcurrent Protection Device

PRODUCT:LR4-550

DOCUMENT: SCD 23748
 PCN: 809785
 REV LETTER: C
 REV DATE: JUNE 1, 1998
 PAGE NO: 1 OF 1

Specification Status: Released

Electrical Rating

Voltage: 20Vdc MAX
Current: 100A MAX

Leads:

Nickel: 0.13mm nom

Tape:

Polyester

Marking:

- Manufacturer's Mark
- XX E55 — Part Identification
- — Lot Identification

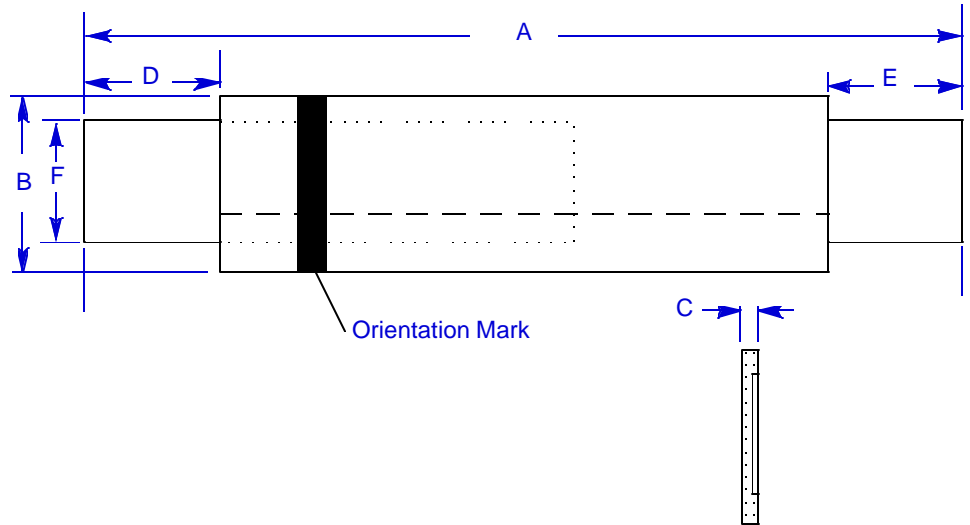


TABLE I. DIMENSIONS:

	A		B		C		D		E		F		G	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	35.0	37.0	6.9	7.5	0.6	1.0	5.3	6.7	5.3	6.7	4.9	5.1	--	--
in*:	(1.38)	(1.46)	(0.27)	(0.30)	(0.02)	(0.04)	(0.21)	(0.26)	(0.21)	(0.26)	(0.19)	(0.20)	--	--

*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 20°C HOLD	AMPS AT 0°C HOLD	AMPS AT 20°C TRIP	AMPS AT 60°C HOLD	AMPS AT 60°C TRIP	AMPS AT 80°C HOLD	AMPS AT 80°C TRIP	SECONDS AT 20°C, 27.5 A TYP	SECONDS AT 20°C, 27.5 A MAX	OHMS AT 20°C MIN	OHMS AT 20°C MAX	OHMS AT 20°C MIN	OHMS AT 20°C MAX	WATTS AT 20°C, 20V MAX	
5.5	6.2	12.0	5.5	10.5	4.0	7.8	--	--	--	5	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.