

Tyco / Electronics
 Raychem Circuit Protection
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PolySwitch®
PTC Devices
 Overcurrent Protection Device

PRODUCT: LR4-450

DOCUMENT: SCD 23747
 PCN: 591525
 REV LETTER: D
 REV DATE: AUGUST 26, 2002
 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
 ✕ E45 _____ Part Identification
 □□□□ _____ Lot Identification

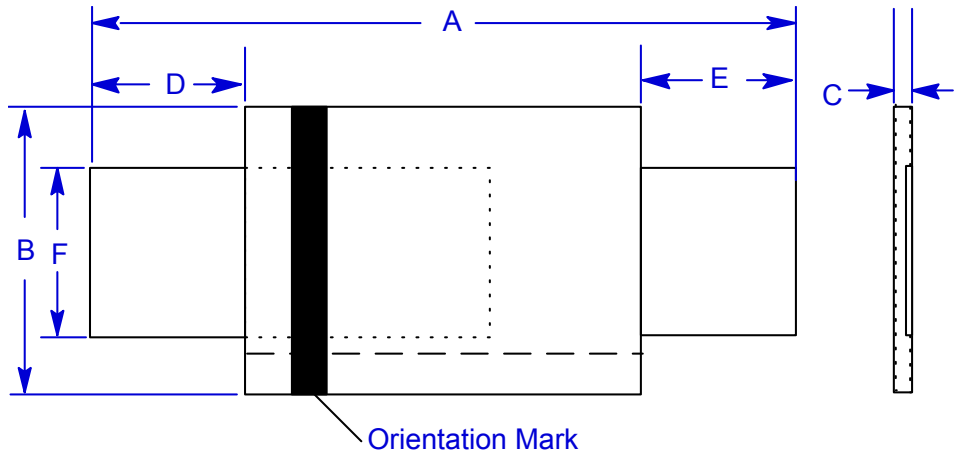


TABLE I. DIMENSIONS:

	A		B		C		D		E		F		G	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	24.0	26.0	9.9	10.5	0.6	1.0	5.3	6.7	5.3	6.7	5.9	6.1	--	--
in*:	(0.94)	(1.02)	(0.39)	(0.41)	(0.02)	(0.04)	(0.21)	(0.26)	(0.21)	(0.26)	(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, 22.5 A		OHMS AT 20°C		WATTS AT 20°C, 20V MAX		
HOLD	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	TYP	MAX	MIN	MAX		MIN	MAX
4.5	5.3	10.4	4.5	8.9	3.3	6.5	--	--	--	5	0.011	0.020	0.011	0.028	2.5

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.