

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

PRODUCT:LTP190

DOCUMENT: SCD 22885
 PCN: 381314
 REV LETTER: E
 REV DATE: APRIL 5, 2001
 PAGE NO.: 1 OF 1

Specification Status: Released

Electrical Rating

Voltage: 24V MAX
Current: 100A MAX

Leads:

Nickel: 0.125 mm nom.

Tape:

Polyester

Marking:

— Manufacturer's Mark
 ✕ L19 — Part Identification
 □ □ □ □ — Lot Identification

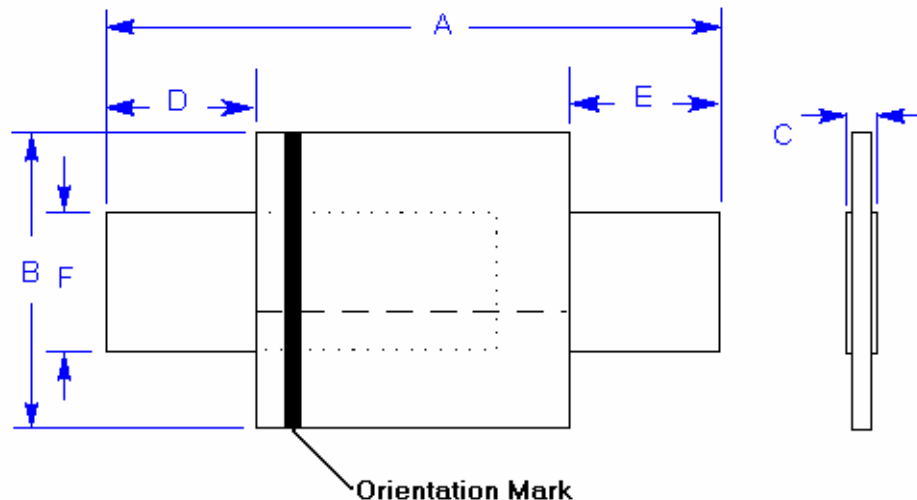


TABLE I. DIMENSIONS:

	A		B		C		D		E		F	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	21.3	23.4	10.2	11.0	0.5	1.1	5.0	7.6	5.0	7.6	4.8	5.4
in*:	(0.84)	(0.92)	(0.40)	(0.43)	(0.02)	(0.04)	(0.20)	(0.30)	(0.20)	(0.30)	(0.19)	(0.21)

*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 TRIP		AMPS AT 20°C HOLD TRIP		AMPS AT 60°C HOLD TRIP		AMPS AT 80°C HOLD TRIP		SECONDS AT 20°C, 10 A TYP MAX		OHMS AT 20°C MIN MAX		OHMS AT 20°C TYP MAX		WATTS AT 20°C, 15V TYP MAX
1.9	2.4	5.0	1.9	4.2	1.1	2.5	0.5	1.3	1.4	3.0	0.030	0.057	0.075	0.100	1.5	1.9	

Reference Documents:
 Precedence:
 Effectivity:
 CAUTION:

PS300

This specification takes precedence over documents referenced herein.

Reference documents shall be the issue in effect on the date of invitation for bid.

Operation beyond the rated voltage or current may result in rupture, electrical arcing or flame.

OBsolete
NOT the LATEST
REVISION

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