

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

PRODUCT: LTP100

DOCUMENT: SCD 23014
 PCN: 273234
 REV LETTER: H
 REV DATE: MAY 24, 2005
 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
 ✕ L10 — Part Identification
 □ □ □ □ — Lot Identification

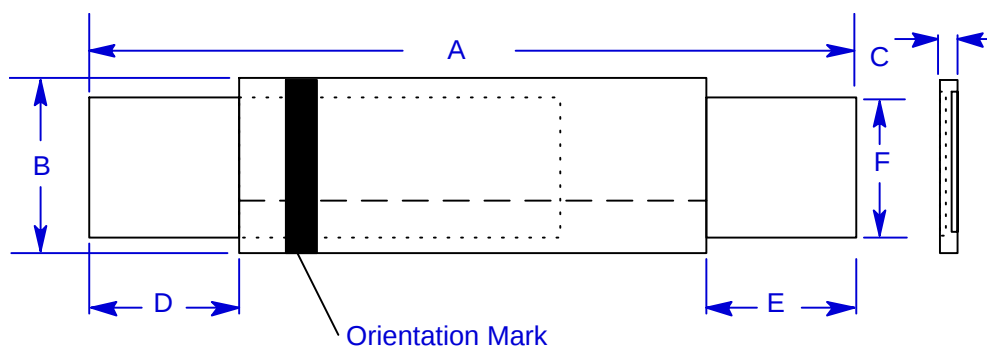


TABLE I. DIMENSIONS:

	A		B		C		D		E		F		G	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	20.9	23.1	4.9	5.2	0.6	1.0	4.1	5.5	4.1	5.5	3.9	4.1	--	--
in*:	(0.82)	(0.91)	(0.19)	(0.20)	(0.02)	(0.04)	(0.16)	(0.22)	(0.16)	(0.22)	(0.15)	(0.16)	--	--

*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 0°C TRIP	AMPS AT 20°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, 5.0 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, 15V MAX
1.0	1.4	3.8	1.0	2.5	0.6	1.6	--	--	7	0.070	0.130	0.070	0.260	1.5

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.

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