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PolySwitch® **PTC Devices**

Overcurrent Protection Device

PRODUCT: LTP100SLF

DOCUMENT: SCD27431

REV LETTER: B

REV DATE: MAY 10, 2011

PAGE NO.: 1 OF 1

Specification Status: Released

Electrical Rating Voltage: 24V MAX **Current: 100A MAX**

Chip Size: 5 X 12mm

Nickel Leads: 0.125mm

Tape: Polyester (Yellow)

13mm Width

Solder: Lead-free

Marking (Color: Green):

Manufacturer's Mark

X L10 − Part Identification

□□□□ — Lot Identification

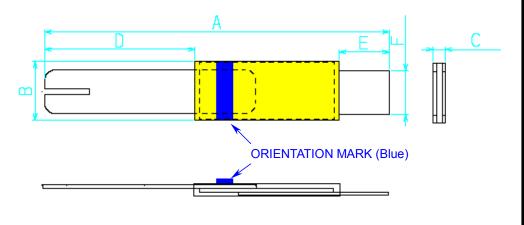


TABLE I. DIMENSIONS:

	Α		В		С)	Е	=	F	
	MIN	MAX										
Mm:	29.0	32.0	4.9	5.2	0.6	1.0	12.5	14.5	3.5	5.5	3.9	4.1
In*:	(1.14)	(1.26)	(0.19)	(0.20)	(0.02)	(0.04)	(0.49)	(0.57)	(0.14)	(0.22)	(0.15)	(0.16)

^{*}Rounded off approximation

TABLE II. PERFORMANCE RATINGS: As measured in Muller Kelvin Clips Model BU-75K.

I HOLD	CURRENT TRIP LIMITS									TO	REFE	RENCE	ONE-	ONE-HOUR		TRIPPED-	
										RIP RESISTANCE			POST-TRIP		STATE		
													RESISTANCE		POWER		
													<u>[</u>		DISSIPATION		
AMPS	AMPS		AMI	PS AMPS		AMPS		SECONDS AT OHMS		SMI	OHMS		WATTS AT				
20°C	AT 0°C		AT 20°C		AT 6	30°C	AT°C		20°C,5.0A		AT 20°C		AT 20°C		20°C, 24V		
HOLD	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	TYP	MAX	MIN	MAX	MIN	MAX	TYP	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	

Recognitions: UL, TUV, CSA 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

Materials Information:

ROHS Compliant

Directive 2002/95/EC Compliant

ELV Compliant

Directive 2000/53/EC Compliant

Pb-Free



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