

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

PRODUCT: LR4-730F

DOCUMENT: SCD 25975
 PCN: A93367
 REV LETTER: A
 REV DATE: DECEMBER 7, 2004
 PAGE NO.: 1 OF 1

Specification Status : Released

Electrical Rating

Voltage: 20V MAX
Current: 100A MAX

Chip Size: 14 x 17.5mm

Leads: Nickel 1/4H
 0.125mm nominal thickness

Tape: Polyester (White)
 18.5mm Width

Solder: Lead-free

Lot Marking Ink Color (Green)

Marking:

- Manufacturer's Mark
- XX E73 — Part Identification
- — Lot Identification

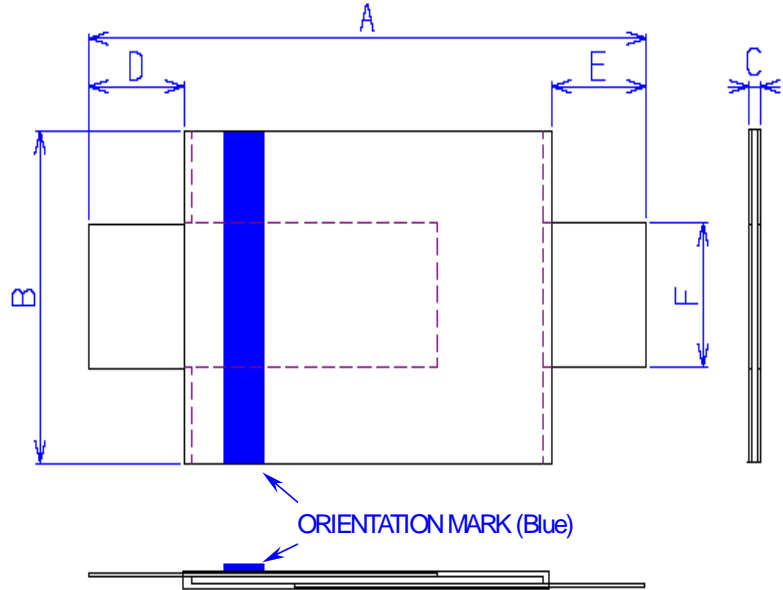


TABLE I. DIMENSIONS:

	A		B		C		D		E		F		G	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
Mm:	27.1	29.1	13.9	14.5	0.6	1.0	4.1	5.5	4.1	5.5	5.9	6.1		
In*:	(1.07)	(1.15)	(0.55)	(0.57)	(0.02)	(0.04)	(0.16)	(0.22)	(0.16)	(0.22)	(0.23)	(0.24)		

*Rounded off approximation

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

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 --°C						SECONDS AT 20°C, 30.0A	OHMS AT 20°C		WATTS AT 20°C, 20V	
HOLD	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	TYP	MAX	MIN	MAX	MIN	MAX	TYP	MAX
7.3	8.6	16.6	7.3	14.1	5.4	10.5	--	--	--	5	0.006	0.012	0.006	0.015	--	3.3		

Agency 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.