Tyco / Electronics
Raychem circuit Protection
308 Constitution Drive
Menlo Park, CA 94025-1164
800-227-4856
FAX 800-227-4866

PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: LR4-730

DOCUMENT: SCD 23898
PCN: 143851
REV LETTER: C
REV DATE: AUGUST 26, 2002

Specification Status: Released

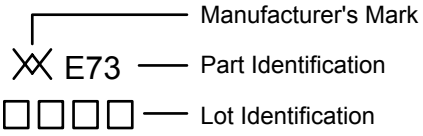
Electrical Rating

Voltage: 20Vdc MAX
Current: 100A MAX

Leads:
Nickel: 0.13mm nom.

Tape:
Polyester

Marking:



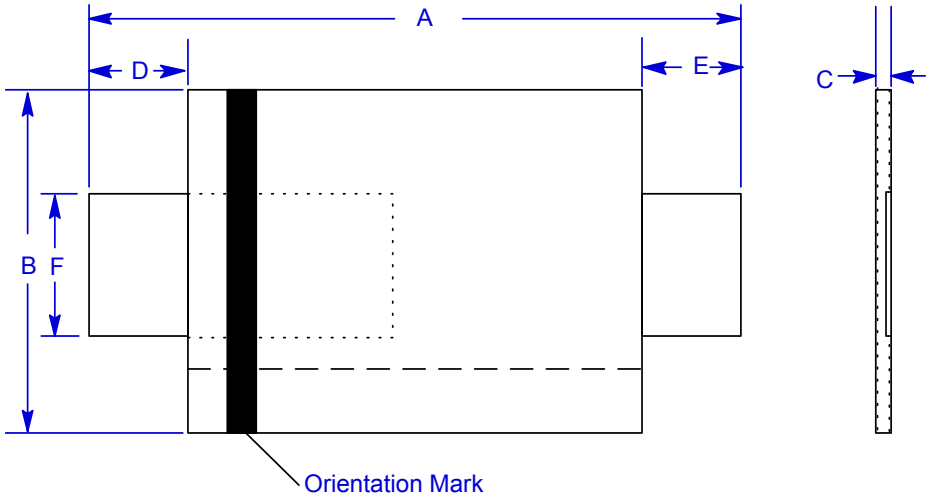


TABLE I. DIMENSIONS:

	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*:	(1.06)	(1.15)	(0.54)	(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:

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		AMPS AT 20°C		AMPS AT 60°C		AMPS AT 80°C		SECONDS AT 20°C, 30.0 A		OHMS AT 20°C		OHMS AT 20°C		WATTS AT 20°C, 20V
	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	TYP	MAX	MIN	MAX	MIN	MAX	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

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.