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[TE Connectivity Raychem Circuit Protection
LR4-1300SSF](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



308 Constitution Drive
Menlo Park, CA 94025-1164
Phone: 800-227-4856
www.circuitprotection.com

PolySwitch®
PTC Devices
Overcurrent Protection Device

Raychem Circuit Protection Products

PRODUCT: LR4-1300SSF

DOCUMENT: SCD 25627
PCN: F65944
REV LETTER: D
REV DATE: JUNE 16, 2007
PAGE NO.: 1 OF 1

Specification Status: Released

Maximum Electrical Rating
Operating Voltage: 20Vdc
Interrupt Current: 100A

Chip Size : 9.5 X 50mm

Leads: Nickel 1/2H
0.3mm nominal thickness

Solder: Lead-free

Tape: Polyester (White)
51.5 mm nominal width

Marking: (Color: Green)

- Manufacturer's Mark
- ⊗ EX3 — Part Identification
- — Lot Identification

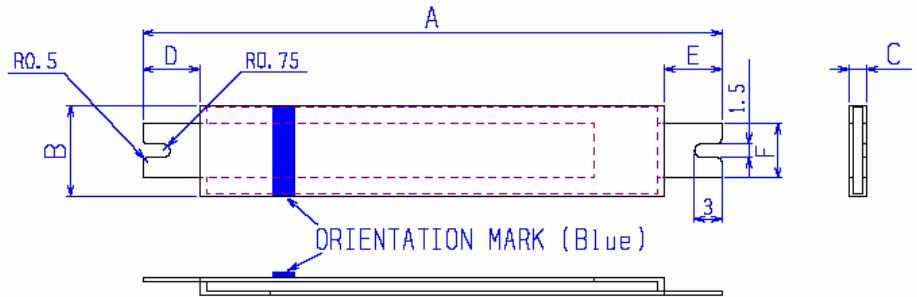


TABLE I. DIMENSIONS:

	A		B		C		D		E		F	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	61.5	66.5	9.4	10.0	0.9	1.3	5.0	7.5	5.0	7.5	5.9	6.1
in*:	(2.42)	(2.62)	(0.37)	(0.39)	(0.04)	(0.05)	(0.20)	(0.30)	(0.20)	(0.30)	(0.23)	(0.24)

*Rounded off approximation

TABLE II. PERFORMANCE RATINGS: As measured in Mueller 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 20°C		AMPS AT 0°C		AMPS AT 20°C		AMPS AT 60°C						AMPS AT 70°C		SECONDS AT 20°C, 65.0A	OHMS AT 20°C	OHMS AT 20°C	WATTS AT 20°C, 20V
	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP					HOLD	TRIP				
13.0	14.5	23.5	13.0	21.2	9.5	15.7	8.6	14.4	---	5	0.0035	0.0065	0.0035	0.0090	4.5			

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.

Materials Information:

ROHS Compliant

Directive 2002/95/EC Compliant

ELV Compliant

Directive 2000/53/EC Compliant

Pb-Free

