

Tyco / Electronics
Raychem Circuit Protection
 308 Constitution Drive
 Menlo Park, CA 94025-1164
 Phone: 800-227-4856
 Fax: 800-227-4866

PolySwitch®
PTC Devices
 Overcurrent Protection Device

PRODUCT: LR4-600F

DOCUMENT: SCD 25851
 PCN: F56413
 REV LETTER: C
 REV DATE: JULY 11, 2005
 PAGE NO.: 1 OF 1

Specification Status: Released

Electrical Rating

Voltage: 20V MAX
Current: 100A MAX

Chip Size: 14 x 14.3mm

Leads: Nickel 1/4H
 0.125mm nominal thickness

Tape: Polyester (White)
 15.3mm nominal Width

Solder: Lead-free

Marking: (Color: Green)
 — Manufacturer's Mark

✕ E60 — Part Identification

□□□□ — Lot Identification

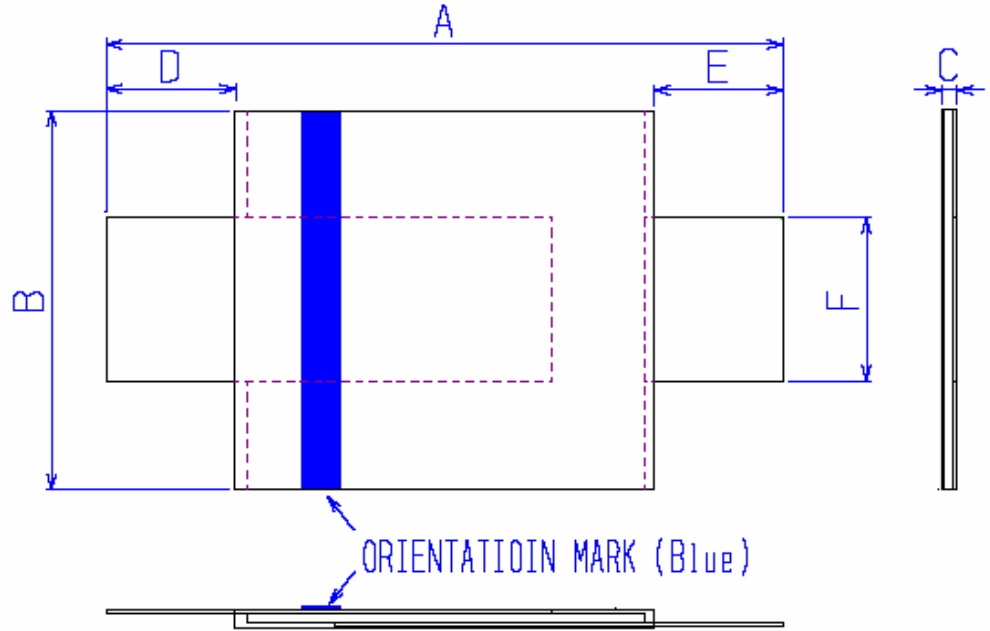


TABLE I. DIMENSIONS:

	A		B		C		D		E		F	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	24.0	26.0	13.9	14.5	0.6	1.0	4.1	5.5	4.1	5.5	5.9	6.1
in*:	(0.94)	(1.02)	(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 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 HOLD		AMPS AT 0°C		AMPS AT 20°C		AMPS AT 60°C		AMPS AT --°C					OHMS AT 20°C		WATTS AT 20°C, 20V
	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	MIN	MAX	MIN	MAX	TYP	MAX
6.0	7.1	13.9	6.0	11.7	4.4	8.5	--	--	--	5.0	0.007	0.014	0.007	0.019	--	2.8

Agency Recognitions:
 Reference Documents:
 Precedence:
 Effectivity:
 CAUTION:

UL, TUV, CSA
 PS300
 This specification takes precedence over documents referenced herein.
 Reference documents shall be the issue in effect on the date of invitation for bid.
 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

