

**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: LR4-600XF**

DOCUMENT: SCD 26452  
 PCN: A77736  
 REV LETTER: A  
 REV DATE: NOVEMBER 3, 2005  
 PAGE NO.: 1 OF 1

**Specification Status: Released**

**Electrical Rating**

**Voltage: 20V MAX**  
**Current: 100A MAX**

Chip Size: 7 X 28.6mm

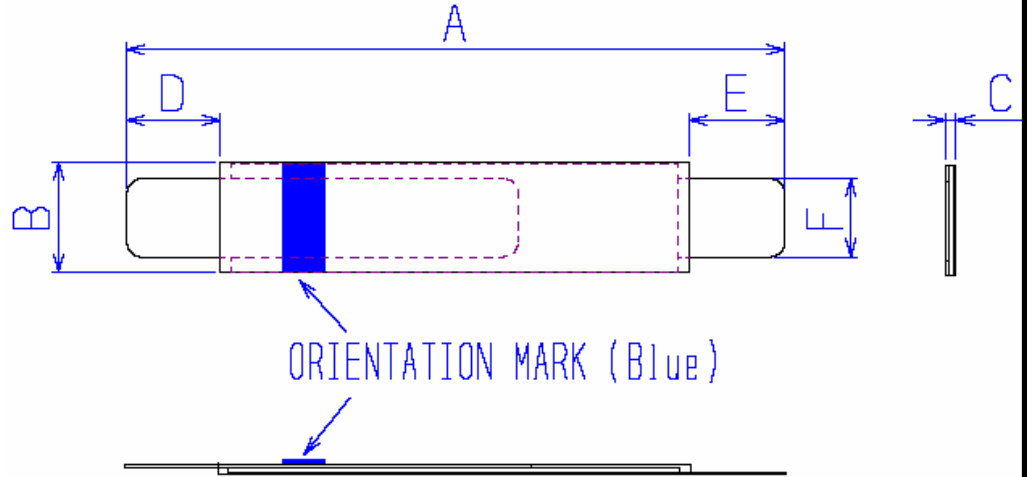
Leads: Nickel 1/4H  
 0.125mm nominal thickness

Tape: Polyester (White)  
 29.6mm Width

Solder: Lead-free

Marking: (Color: Green)

- Manufacturer's Mark
- XXE60 — 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:	40.5	42.7	6.9	7.5	0.6	1.0	5.2	6.8	5.2	6.8	4.9	5.1
In*:	(1.59)	(1.68)	(0.27)	(0.29)	(0.02)	(0.03)	(0.20)	(0.26)	(0.20)	(0.26)	(0.19)	(0.20)

\*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 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			MIN	MAX	MIN	MAX	TYP	MAX
6.0	7.1	13.9	6.0	11.7	4.4	8.5	---	---	---	5	0.0075	0.014	0.0075	0.019	---	2.8

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**



**ELV Compliant**



**Pb-Free**

