

**Specification Status: Released**

**Electrical Rating**  
**Voltage: 15V MAX**  
**Current: 100A MAX**

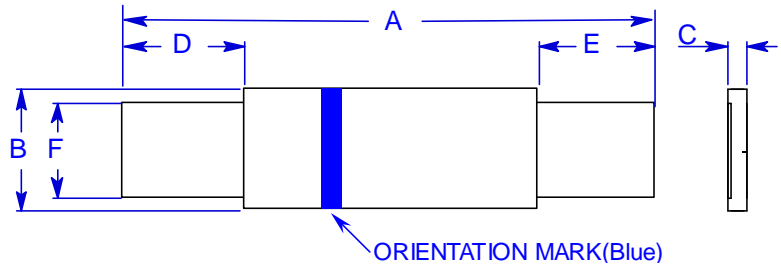
Leads: Nickel  
 0.125mm nominal thickness

Solder: Lead-free

Tape: Polyester(White)  
 22mm Width

Marking: (Color: Green)

- Manufacturer's Mark
- XX E38 — 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:	32.2	35.8	4.9	5.5	0.6	1.0	5.5	7.5	5.5	7.5	3.9	4.1
in*:	(1.26)	(1.4)	(0.19)	(0.21)	(0.02)	(0.03)	(0.21)	(0.29)	(0.21)	(0.29)	(0.15)	(0.16)

\*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		SECONDS AT 20°C, 19.0A		OHMS AT 20°C		OHMS AT 20°C		WATTS AT 20°C, 15V	
	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	TYP	MAX	MIN	MAX	MIN	MAX	TYP	MAX
3.8	4.4	9.7	3.8	8.3	2.8	6.1	--	5.0	0.013	0.026	0.013	0.037	--	2.5

Agency Recognition: UL, TUV, CSA  
 Reference Document: 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**



Expertise Applied | Answers Delivered

# PolySwitch® PTC Devices

Overcurrent Protection Device

**PRODUCT: LR4-380XF**

DOCUMENT: SCD27530  
REV LETTER: C  
REV DATE: JULY 26, 2016  
PAGE NO.: 2 OF 2

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