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PolySwitch® PTC Devices

Overcurrent Protection Device

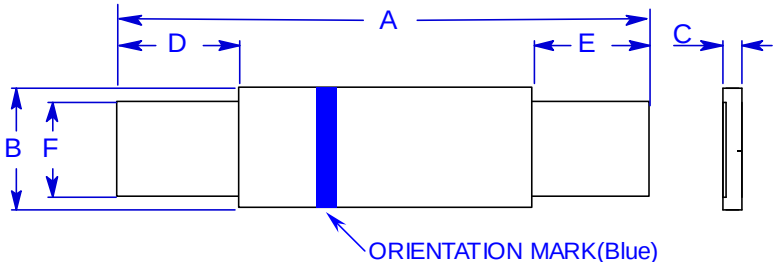
PRODUCT: LR4-380XF

DOCUMENT: SCD27530
REV LETTER: C
REV DATE: JULY 26, 2016

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 20°C HOLD	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