

PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: LR4-600XF

DOCUMENT: SCD25975

REV LETTER: D

REV DATE: JULY 26, 2016

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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

Lot Marking Ink Color (Green)

Marking:

Manufacturer's Mark

Lot Identification

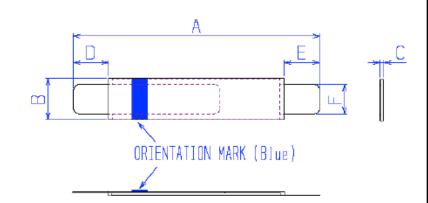


TABLE I. DIMENSIONS:

Mm: In*:

Α		В		С)	E	=	F		
MIN	MAX											
40.5	42.7	6.9	7.5	0.6	1.0	5.2	6.8	5.2	6.8	4.9	5.1	
(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 Muller Kelvin Clips Model BU-75K.

I HOLD			CURR	ENT T	RIP LI	MITS		TIME	TO	REFE	RENCE	ONE-	HOUR	TRIP	PED-		
									TR	ΙP	RESIS	TANCE	POST	Γ-TRIP	STA	ATE	
											RESISTANCE			POWER			
															DISSIPATION		
AMPS	AMPS		AMPS AM		MPS AMPS		PS	SECONDS OHMS		OHMS		WATTS AT					
20°C	AT 0°C		AT 20°C		AT 6	AT 60°C		AT°C		AT		AT 20°C		AT 20°C		20°C, 20V	
			!				20°C,30.0A										
HOLD	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	TYP	MAX	MIN	MAX	MIN	MAX	TYP	MAX	
6.0	7.1	13.9	6.0	11.7	4.4	8			1	5	0.007	0.014	0.007	0.019		2.8	



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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

Pb-Free

Directive 2000/53/EC Compliant



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