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PolySwitch® PTC Devices

Overcurrent Protection Device

Raychem Circuit Protection Products

PRODUCT: LR4-600XF

DOCUMENT: SCD 26452

REV LETTER: C

ORIENTATION MARK (Blue)

REV DATE: APRIL 14, 2010

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

Part Identification



Lot Identification

TABLE I. DIMENSIONS:

_														
	Α		В		С		D		E		F			
	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			CUR	RENT:	TRIP LIN	MITS		TIMI	E TO	REFERENCE ONE-HOUR			TRIPPED-			
								TF	RIP	RESISTANCE POST-TRIP			-TRIP	STATE		
											RESISTANCE			POWER		
															DISSIPATION	
AMPS	AMPS		AM	PS	AMPS		AMPS		SECONDS AT OHMS		OHMS		WATTS AT			
20°C	AT 0°C		AT 2	20°C	AT 60°C		AT°C		20°C,30.0A		AT 20°C		AT 20°C		20°C, 20V	
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	8.5				5	0.007	0.014	0.007	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

Directive 2002/95/EC Compliant

Directive 2000/53/EC Compliant



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