

PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: LR4-260F

DOCUMENT: SCD25973

REV LETTER: D

REV DATE: JULY 26, 2016

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Specification Status: Released

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

Chip Size: 5 X 12mm

Leads: Nickel 1/4H

0.125mm nominal thickness

Tape: Polyester (White)

13mm Width

Solder: Lead-free

Marking (Color: Green)

Manufacturer's Mark

№ E26 — Part Identification

Lot Identification

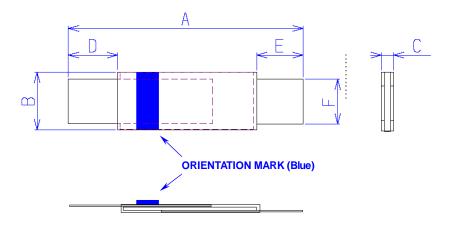


TABLE I. DIMENSIONS:

	Α		В		С		D		E		F		G	
	MIN	MAX	MIN	MAX										
Mm:	20.9	23.1	4.9	5.5	0.6	1.0	4.1	5.5	4.1	5.5	3.9	4.1		
ln*:	(0.82)	(0.91)	(0.19)	(0.22)	(0.02)	(0.04)	(0.16)	(0.22)	(0.16)	(0.22)	(0.15)	(0.16)		

^{*}Rounded off approximation

TABLE II. PERFORMANCE RATINGS: As measured in Muller Kelvin Clips Model BU-75K.

I HOLD	CURRENT TRIP LIMITS								TIME	TO.	REFERENC ONE-HOUR			TRIPPED-		
								TR	IP.		E	POST-TRIP		STATE		
										RESISTANC RESISTANCE			POWER			
										E				DISSIP	PATION	
AMPS	AMPS		AMPS AMI		IPS	PS AMPS		SECONDS OHMS		OHMS		WATTS AT				
20°C	AT 0°C		AT 20°C A		AT 6	30°C	AT°C		AT		AT 20°C		AT 20°C		20°C, 15V	
		-						_		13.0A						
HOLD	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	TYP	MAX	MIN	MAX	MIN	MAX	TYP	MAX
2.6	3.1	6.8	2.6	5.8	1.9	4.2				5	0.020	0.042	0.020	0.063		2.5

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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