

PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: RKEF065

DOCUMENT: SCD26925 REV LETTER: F

REV DATE: JULY 26, 2016

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Specification Status: Released

Electrical Rating
Voltage: 60V MAX
Current: 40A MAX

Insulating Material:

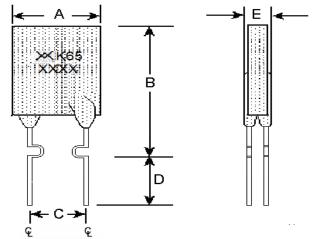
Cured, Flame Retardant Epoxy Polymer

Lead Material:

24 AWG Tin Plated Copper

Marking:

XXXX — Lot Identification



Measured at the button of the kink in device lead wires.

TABLE I. DIMENSIONS:

mm: in*:

Α		В		С		D		E	
MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
	7.11		12.2	4.32	5.8	7.6			3.56
	(0.28)		(0.48)	(0.17)	(0.23)	(0.3)			(0.14)

^{*}Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

I HOLD CURRENT		INITIAL		TIME TO TRIP	ONE HOUR	TRIPPED-						
RATED RATINGS		RESISTANCE			POST-TRIP	STATE POWER						
CURRENT			VAL	.UES		RESISTANCE	DISSIPATION					
						STANDARD TRIP						
AMPERES	AMPERES		OHMS		SECONDS AT	OHMS	WATTS					
AT 20°C AT 20°C		AT 20°C		20°C, 8 A	AT 20°C	AT 20°C						
HOLD	HOLD	TRIP	MIN	MAX	MAX	MAX	NOMINAL					
0.65	0.65	1.30	0.25	0.35	1.0	0.72	1.25					

Agency Recognitions:

UL, TUV, CSA

Reference Documents:

PS300

Precedence: Effectivity: CAUTION: This specification takes precedence over documents referenced herein.

Reference documents shall be the issue in effect on the date of invitation for bid. Operation beyond the rated voltage or current may result in rupture, electrical arcing or

flame.

Materials Information

ROHS Compliant

ELV Compliant

Pb-Free

Halogen Free√

Directive 2002/95/EC Compliant

Directive 2000/53/EC Compliant





^{*} Halogen Free refers to: Br≤900ppm, Cl≤900ppm, Br+Cl≤1500ppm



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