

PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: RKEF400

DOCUMENT : SCD27341 REV LETTER: E

REV DATE: JULY 26, 2016

PAGE NO.: 1 OF 2

Specification Status: Released

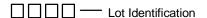
Voltage: 60V MAX
Current: 40A MAX

Insulating Material:

Cured, Flame Retardant Epoxy Polymer

Lead Material:

20 AWG Tin Plated Copper



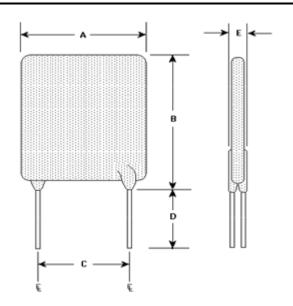


TABLE I. DIMENSIONS:

	Α		В		С		D		Е	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:		21.0		24.9	9.4	10.9	7.6			3.0
in*:		(0.83)		(0.98)	(0.37)	(0.43)	(0.3)			(0.12)

^{*}Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

I HOLD RATED CURRENT	CURRENT RATINGS		INITIAL RESISTANCE VALUES		TIME TO TRIP	ONE HOUR POST-TRIP RESISTANCE STANDARD TRIP	TRIPPED- STATE POWER DISSIPATION
AMPERES	AMPERES		OHMS		SECONDS AT	OHMS	WATTS
AT 20°C	AT 20°C		AT 20°C		20°C, 20A	AT 20°C	AT 20°C
HOLD	HOLD	TRIP	MIN	MAX	MAX	MAX	NOMINAL
4	4	8	0.014	0.038	24	0.06	3.7

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

Halogen Free*

Directive 2002/95/EC Compliant Directive 2000/53/EC Compliant





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



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