

308 Constitution Drive Menlo Park, CA USA www.circuitprotection.com

PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: RKEF300

DOCUMENT: SCD26930

REV LETTER: E

REV DATE: MARCH 12, 2013

PAGE NO.: 1 OF 1

Specification Status: Released

Voltage: 60V MAX
Current: 40A MAX

Insulating Material:

Cured, Flame Retardant Epoxy Polymer

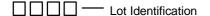
Lead Material:

20 AWG Tin Plated Copper

Marking:

mm in*: — Manufacturer's Mark

X K300 and Part Identification



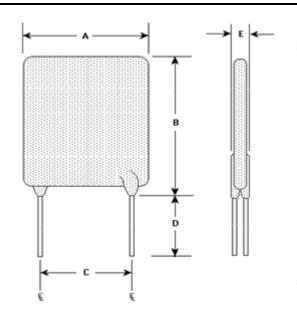


TABLE I. DIMENSIONS:

	Α		В		С		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
լ:	1	16.5		21.2	4.3	5.8	7.6	1		3.0
:		(0.65)		(0.834)	(0.17)	(0.23)	(0.3)	-		(0.12)

^{*}Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

	I HOLD	CURI	RENT	INI	ΓIAL	TIME TO TRIP	ONE HOUR	TRIPPED-
	RATED	RATI	NGS	RESIS	TANCE		POST-TRIP	STATE
	CURRENT		VAL	UES		RESISTANCE	POWER	
							STANDARD	DISSIPATION
							TRIP	
Ī	AMPERES	AMPERES		OHMS		SECONDS AT	OHMS	WATTS
	AT 20°C	AT 20°C		AT 20°C		20°C, 15A	AT 20°C	AT 20°C
	HOLD	HOLD	TRIP	MIN	MAX	MAX	MAX	NOMINAL
ſ	3.0	3.0	6.0	0.03	0.05	19.8	0.08	3.2

Agency Recognitions:

UL, TUV, CSA

Reference Documents:

PS300

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

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.