

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

Electrical Rating

Voltage: 60V MAX

Current: 40A MAX

Insulating Material:

Cured, Flame Retardant Epoxy Polymer

Lead Material:

20 AWG Tin Plated Copper

Marking:

— Manufacturer's Mark
X K300 and Part Identification

□ □ □ □ — Lot Identification

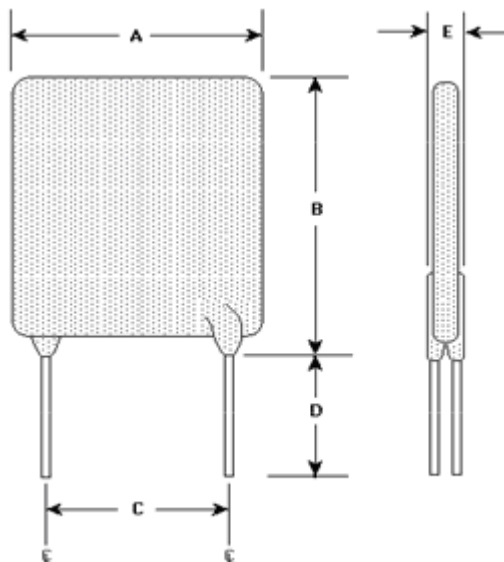


TABLE I. DIMENSIONS:

mm:
in*:

A		B		C		D		E	
MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
--	16.5	--	21.2	4.3	5.8	7.6	--	--	3.0
--	(0.65)	--	(0.834)	(0.17)	(0.23)	(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 AT 20°C HOLD	AMPERES AT 20°C HOLD	TRIP	OHMS AT 20°C MIN	OHMS AT 20°C MAX	SECONDS AT 20°C, 15A MAX	OHMS AT 20°C MAX	WATTS AT 20°C NOMINAL
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:

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



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

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