

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
XX K250 and Part Identification

□ □ □ □ — Lot Identification

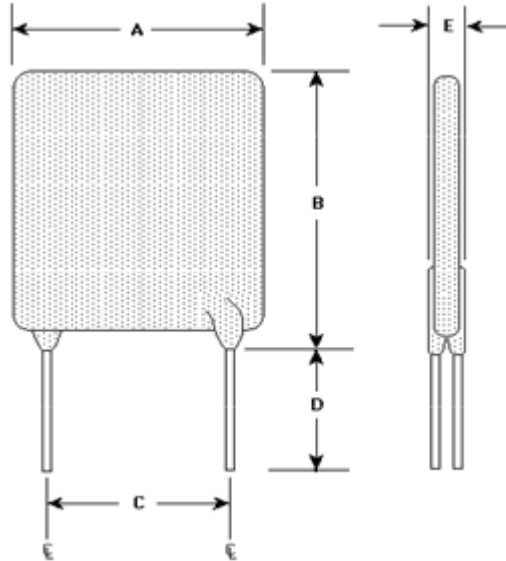


TABLE I. DIMENSIONS:

	A		B		C		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	--	14.0	--	20.6	4.3	5.8	7.6	--	--	3.0
in*:	--	(0.55)	--	(0.81)	(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		SECONDS AT 20°C, 12.5A MAX	OHMS AT 20°C MAX	WATTS AT 20°C NOMINAL
2.50	2.50	5.00	0.04	0.085	15.6	0.14	2.8

Agency Recognitions:
Reference Documents:
Precedence:
Effectivity:
CAUTION:

UL, TUV, CSA
PS300
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.

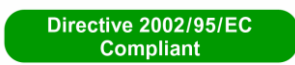
Materials Information

ROHS Compliant

ELV Compliant

Pb-Free

Halogen Free*



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



Expertise Applied | Answers Delivered

PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT : RKEF250

DOCUMENT : SCD26929
REV LETTER: E
REV DATE: JULY 26, 2016
PAGE NO.: 2 OF 2

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