

PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: RKEF250K

DOCUMENT: SCD27554

REV LETTER: D

REV DATE: JULY 26, 2016 PAGE NO.: 1 OF 2

Specification Status: Released

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

Insulating Material:

Cured, Flame Retardant Epoxy Polymer

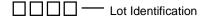
Lead Material:

20 AWG Tin Plated Copper

Marking:

mr in' Manufacturer's Mark

K250 and Part Identification



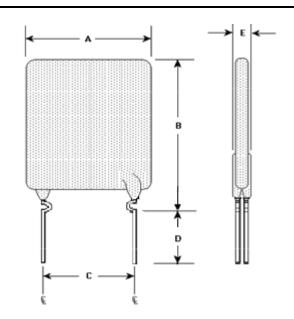


TABLE I. DIMENSIONS:

	Α		В		С		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
m:	1	14.0	1	22.9	4.3	5.8	7.6		-	3.0
۱*:	-	(0.55)	-	(0.90)	(0.17)	(0.23)	(0.3)			(0.12)

^{*}Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

I HOLD	CURF	RENT	INI	ΓIAL	TIME TO TRIP	ONE HOUR	TRIPPED-
RATED	RATI	NGS	RESIS	TANCE		POST-TRIP	STATE
CURRENT			VALUES			RESISTANCE	POWER
						STANDARD	DISSIPATION
						TRIP	
AMPERES	AMPERES		OHMS		SECONDS AT	OHMS	WATTS
AT 20°C	AT 20°C AT 20°C		AT 20°C		20°C, 12.5A	AT 20°C	AT 20°C
HOLD	HOLD	TRIP	MIN	MAX	MAX	MAX	NOMINAL
2.50	2.50	5.00	0.04	0.085	15.6	0.14	2.8

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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