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PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: RKEF375K

DOCUMENT: SCD27731
REV LETTER: D
REV DATE: JULY 26,2016

Specification Status: Released

Electrical Rating

Voltage: 60Vdc MAX
Current: 40A MAX

Insulating Material:
Cured, Flame Retardant Epoxy Polymer

Lead Material:
20 AWG Tin Plated Copper

Marking:
Manufacturer's Mark
K375 and Part Identification
□□□□ — Lot Identification

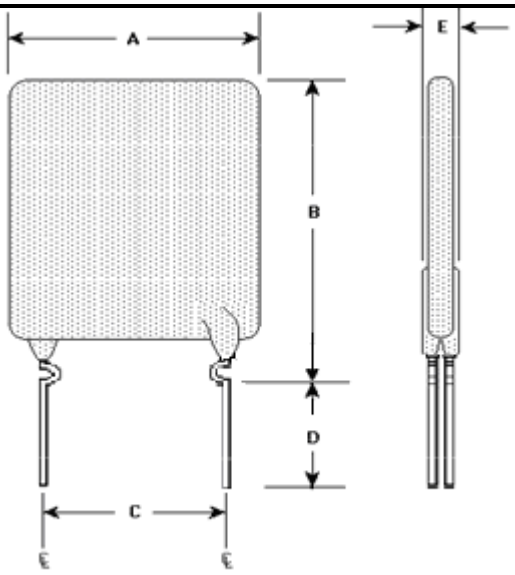


TABLE I. DIMENSIONS:

	A		B		C		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	--	16.5	--	26.2	9.4	10.9	7.6	--	--	3.0
in*:	--	(0.65)	--	(1.03)	(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 AT 20°C HOLD	AMPERES AT 20°C HOLD	TRIP	OHMS AT 20°C MIN	MAX	SECONDS AT 20°C, 18.75A MAX	OHMS AT 20°C MAX	WATTS AT 20°C NOMINAL
3.75	3.75	7.5	0.017	0.04	22	0.06	3.4

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

Pb

HF

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

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Specifications are subject to change without notice.
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