PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT : RKEF375

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
XX K375 and Part Identification
□□□□ — Lot Identification

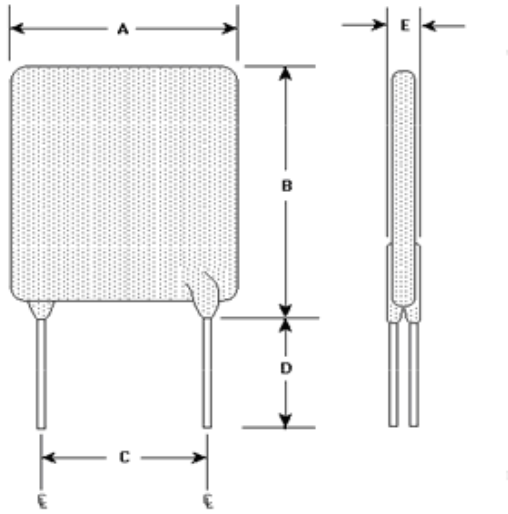

TABLE I. DIMENSIONS:

	A		B		C		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	--	16.5	--	25.2	9.4	10.9	7.6	--	--	3.0
in*:	--	(0.65)	--	(0.99)	(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	AMPERES AT 20°C		OHMS AT 20°C		SECONDS AT 20°C, 18.75A	OHMS AT 20°C	WATTS AT 20°C
HOLD	HOLD	TRIP	MIN	MAX	MAX	MAX	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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