

## PolySwitch® PTC Devices

**Overcurrent Protection Device** 

PRODUCT: RKEF375

DOCUMENT: SCD27189

REV LETTER: E

**REV DATE: JULY 26, 2016** 

PAGE NO.: 1 OF 2

## **Specification Status: Released**

### **Electrical Rating**

Voltage: 60Vdc MAX Current: 40A MAX

**Insulating Material:** 

**Cured, Flame Retardant Epoxy Polymer** 

**Lead Material:** 

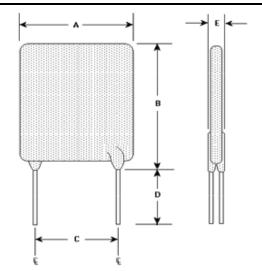
20 AWG Tin Plated Copper

Marking:

Manufacturer's Mark

X K375 and Part Identification

□□□□ — Lot Identification



#### **TABLE I. DIMENSIONS:**

	Α		В		С		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)

<sup>\*</sup>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	AMPI	AMPERES		IMS	SECONDS AT	OHMS	WATTS
AT 20°C	AT 20°C		AT 20°C		20°C, 18.75A	AT 20°C	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





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



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