

308 Constitution Drive Menlo Park, CA USA www.circuitprotection.com

# PolySwitch® PTC Devices

**Overcurrent Protection Device** 

PRODUCT: RXEF375K

DOCUMENT: SCD26757

REV LETTER: D

REV DATE: FEBRUARY 06, 2012

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## **Specification Status: Released**

**Electrical Rating** 

Voltage: 72 V max (AC or DC) Current: 40 A max (AC or DC)

Insulating Material:

Cured, Flame Retarded Epoxy Polymer

meets UL94 V-0 Requirements

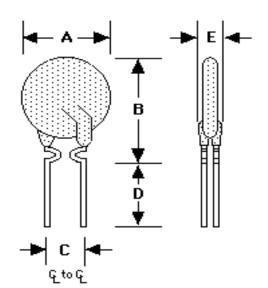
Lead Material:

20 AWG Tin Plated Copper

Marking:

Manufacturer's Mark X375 and Part Identification

\_\_\_\_ Lot Identification



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

	Α		В		С		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	-	26.3	-	31.1	9.4	10.9	7.6	-	-	3.0
in*:		(1.04)		(1.22)	(0.37)	(0.43)	(0.30)			(0.12)

<sup>\*</sup>Rounded off approximation

#### **TABLE II. PERFORMANCE RATINGS:**

.,												
I HOLD	CURRENT		INITIAL		TIME TO TRIP	ONE HOUR	TRIPPED- STATE					
RATED	RATII	NGS	RESISTANCE			POST-TRIP	POWER					
CURRENT			VAL	UES		RESISTANCE	DISSIPATION					
						STANDARD						
						TRIP						
AMPERES	AMPERES		OHMS		SECONDS AT	OHMS	WATTS	WATTS				
AT 20°C	AT 20°C		AT 20°C		20°C, 18.75A	AT 20°C	AT 20°C	AT 20°C				
HOLD	HOLD	TRIP	MIN	MAX	MAX	MAX	NOMINAL	MAX				
3.75	3.75	7.50	0.03	0.05	24.0	0.08	3.2	4.5				

Recognitions: UL, CSA, TUV

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





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