

## PolySwitch® PTC Devices Overcurrent Protection Device

PRODUCT: RXEF375

DOCUMENT: SCD25229 REV LETTER: G

REV DATE: July 26, 2016

PAGE NO.: 1 OF 2

### **Specification Status: Released**

**Electrical Rating** 

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

Insulating Material:

Cured, Flame Retardant Epoxy Polymomeets UL94 V-0 Requirements

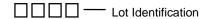
Lead Material:

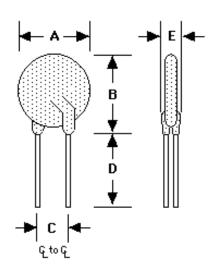
20 AWG Tin Plated Copper

Marking:

Manufacturer's Mark

X375 and Part Identification





#### TABLE I. DIMENSIONS:

	Α		В		С		D		Е	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
		27.2		31.8	9.4	10.9	7.6			3.0
mm:										
in*:	1	(1.07)	1	(1.25)	(0.37)	(0.43)	(0.30)	-	1	(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	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	

Agency Recognitions: UL, CSA, TUV, CQC

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





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



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