

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

## PolySwitch® PTC Devices

**Overcurrent Protection Device** 

PRODUCT: RXEF020

DOCUMENT: SCD25215

**REV LETTER: H** 

REV DATE: DECEMBER 06, 2011

PAGE NO.: 1 OF 1

## 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 Polymer meets UL94 V-0 Requirements

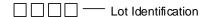
Lead Material:

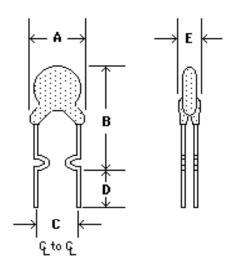
24 AWG Tin Plated Copper Clad Steel

Marking:

Manufacturer's Mark

X20 and Part Identification





## **TABLE I. DIMENSIONS:**

	Α		В		С		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:		7.4		11.7	4.3	5.8	7.6			3.0
in*:		(0.29)		(0.46)	(0.17)	(0.23)	(0.30)			(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, 1.0A	AT 20°C	AT 20°C	AT 20°C	
HOLD	HOLD	TRIP	MIN	MAX	MAX	NOMINAL	NOMINAL	MAX	
0.20	0.20	0.40	1.83	2.75	2.2	4.40	0.41	0.64	

Agency 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

S Compliant ELV Compliant

Pb-Free

Halogen Free\*

Directive 2002/95/EC Compliant Directive 2000/53/EC Compliant





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