

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

## PolySwitch® PTC Devices

**Overcurrent Protection Device** 

**PRODUCT: RXEF020S** 

DOCUMENT: SCD26521

REV LETTER: F

REV DATE: SEPTEMBER 26, 2014

PAGE NO.: 1 OF 1

## **Specification Status: Released**

**Electrical Rating** 

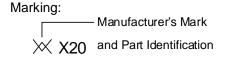
Voltage: 72 V max (AC or DC) Current: 40 A max (AC or DC)

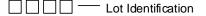
Insulating Material:

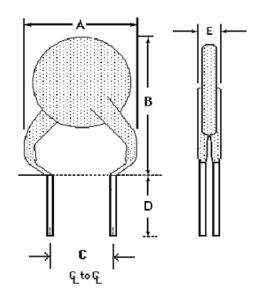
Cured, Flame Retardant Epoxy Polymer meets UL94 V-0 Requirements

Lead Material:

24 AWG Tin Plated Copper Clad Steel







## **TABLE I. DIMENSIONS:**

	Α		В		С		D		Е	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:		8.9		11.2	4.3	5.8	7.6			3.0
in*:		(0.35)		(0.44)	(0.17)	(0.23)	(0.30)			(0.12)

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

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

I HOLD			INITIAL		TIME TO TRIP	ONE HOUR	TRIPPED	
RATED	RATINGS		RESISTANCE			POST-TRIP	POWER DISSIPATION	
CURRENT	CURRENT		VALUES			RESISTANCE		
						STANDARD		
						TRIP		
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, 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





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