

### **PolySwitch® PTC Devices**

**Overcurrent Protection Device** 

**PRODUCT: RXEF160** 

DOCUMENT: SCD25225 **REV LETTER: H** 

**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

Polymer

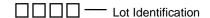
meets UL94 V-0 Requirements

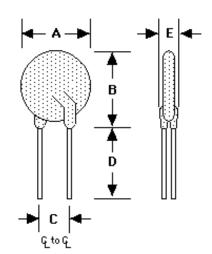
Lead Material:

20 AWG Tin Plated Copper

Marking:

Manufacturer's Mark XX160 and Part Identification





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

	Α		В		С		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
		16.3		20.8	4.3	5.8	7.6			3.0
mm:										
		(0.64)		(0.82)	(0.17)	(0.23)	(0.30)			(0.12)
in*:										•

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

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

I HOLD RATED CURRENT	ED 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, 8.0A	AT 20°C	AT 20°C	AT 20°C
HOLD	HOLD	TRIP	MIN	MAX	MAX	MAX	NOMINAL	MAX
1.60	1.60	3.20	0.09	0.14	11.4	0.22	1.9	2.85

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** 

Revised July 26, 2016

**Pb-Free** 

Halogen Free\*

Directive 2002/95/EC Compliant

Directive 2000/53/EC Compliant

**ELV Compliant** 





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

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