

# PolySwitch® PTC Devices

**Overcurrent Protection Device** 

PRODUCT: RXEF110K

DOCUMENT: SCD26370

REV LETTER: F

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:

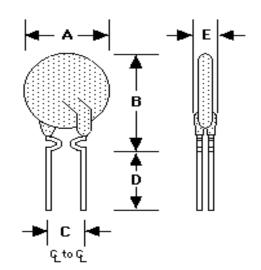
20 AWG Tin Plated Copper

Marking:

Manufacturer's Mark

X110 and Part Identification





#### TABLE I. DIMENSIONS:

	Α		В		С		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:		13.0		18.2	4.3	5.8	7.6			3.0
in*:		(0.51)		(0.72)	(0.17)	(0.23)	(0.30)			(0.12)

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

### ABLE II. PERFORMANCE RATINGS:

I HOLD RATED	RATINGS		INITIAL RESISTANCE		TIME TO TRIP	ONE HOUR POST-TRIP	TRIPPED- POW	ER
CURRENT		VALUES			RESISTANCE DISSIPATION DISSIPA		ATION	
						TRIP		
AMPERES	AMPERES		OHMS		SECONDS AT	OHMS	WATTS	WATTS
AT 20°C	20°C AT 20°C		AT 20°C		20°C, 5.5A	AT 20°C	AT 20°C	AT 20°C
HOLD	HOLD	TRIP	MIN	MAX	MAX	MAX	NOMINAL	MAX
1.10	1.10	2.20	0.15	0.25	8.2	0.38	1.5	2.50

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

Directive 2002/95/EC Compliant

Directive 2000/53/EC Compliant





**Halogen Free\*** 

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



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I AGE NO 2 OF 2
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