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## PolySwitch® PTC Devices

**Overcurrent Protection Device** 

PRODUCT: RXEF110

DOCUMENT: SCD25223

PCN: A21773 REV LETTER: F

**REV DATE: MAY 13, 2011** 

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## **Specification Status: Released**

Voltage: 72V MAX
Current: 40A MAX

Insulating Material:

Cured, Flame Retardant Epoxy

Polymer

meets UL94 V-0 Requirements

Lead Material:

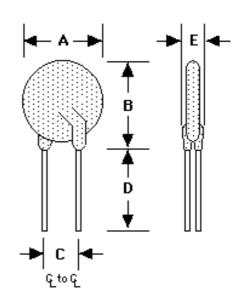
20 AWG Tin Plated Copper

Marking:

Manufacturer's Mark and Voltage

XF110 — Part Identification

Lot Identification (can be on back)



## **TABLE I. DIMENSIONS:**

	А		В		С		D		Е	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:		12.8	-	17.5	4.3	5.8	7.6			3.0
in*:		(0.50)		(0.69)	(0.17)	(0.23)	(0.30)			(0.12)

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

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

I HOLD RATED CURRENT	CURI RATI		RESIS	TANCE UES	TIME TO TRIP	ONE HOUR POST-TRIP RESISTANCE STANDARD TRIP	TRIPPED- STATE POWER DISSIPATION
AMPERES	AMPERES		OHMS		SECONDS AT	OHMS	WATTS
AT 20°C	AT 20°C		AT 20°C		20°C, 5.5A	AT 20°C	AT 20°C
HOLD	HOLD	TRIP	MIN	MAX	MAX	MAX	NOMINAL
1.10	1.10	2.20	0.15	0.25	8.2	0.38	1.5

Agency Recognitions: UL, CSA and 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 ELV Compliant Pb-Free

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



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