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PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: RXEF110

DOCUMENT: SCD25223
REV LETTER: H
REV DATE: JULY 26,2016

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
XX X110 and Part Identification
□□□□ — Lot Identification

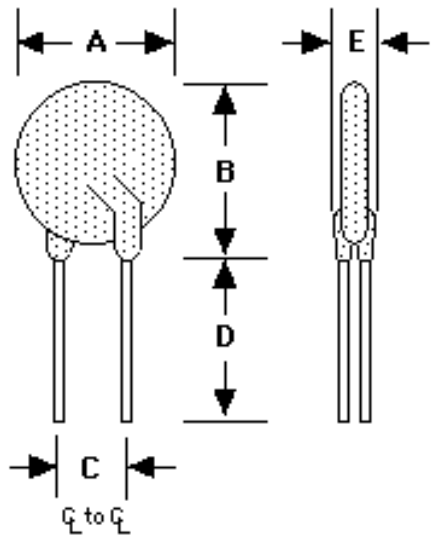

TABLE I. DIMENSIONS:

	A		B		C		D		E	
	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)

*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 AT 20°C HOLD	AMPERES AT 20°C HOLD	TRIP	OHMS AT 20°C MIN	MAX	SECONDS AT 20°C, 5.5A MAX	OHMS AT 20°C MAX	WATTS AT 20°C NOMINAL	WATTS AT 20°C 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 o flame

Materials Information

ROHS Compliant — Directive 2002/95/EC Compliant
ELV Compliant — Directive 2000/53/EC Compliant
Pb-Free
Halogen Free*

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

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Specifications are subject to change without notice
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