PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: RXEF250

DOCUMENT: SCD25227
REV LETTER: G
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 X250 and Part Identification
□□□□ — Lot Identification

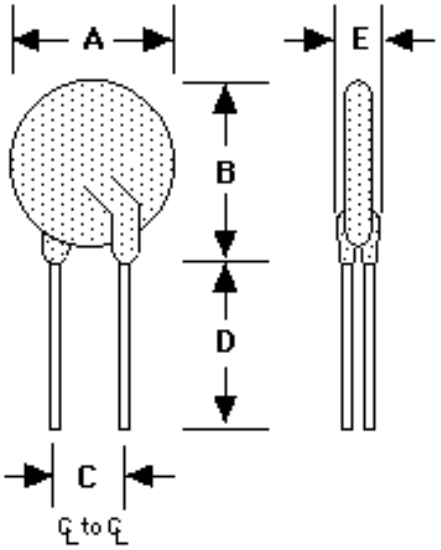


TABLE I. DIMENSIONS:

	A		B		C		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	--	20.8	--	25.4	9.4	10.9	7.6	--	--	3.0
in*:	--	(0.82)	--	(1.00)	(0.37)	(0.43)	(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, 12.5A MAX	OHMS AT 20°C MAX	WATTS AT 20°C NOMINAL	WATTS AT 20°C MAX
2.50	2.50	5.00	0.05	0.08	15.6	0.13	2.5	3.38

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 — 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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