PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: RXEF005

DOCUMENT: SCD25212
REV LETTER: H
REV DATE: JULY 26, 2016
PAGE NO.: 1 OF 2

Specification Status: Released

Electrical Rating
Voltage: 60V MAX
Current: 40A MAX

Insulating Material:
Cured, Flame Retardant Epoxy Polymer
meets UL94 V-0 Requirements

Lead Material:
26 AWG Tin Plated Nickel-Copper Alloy

Marking:
Manufacturer's Mark

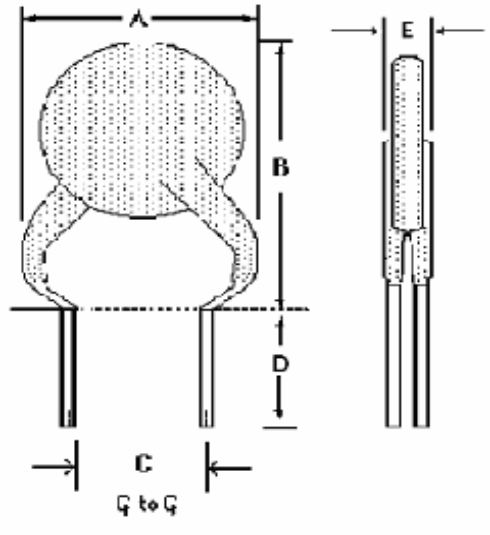


TABLE I. DIMENSIONS:

	A		B		C		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	--	8.0	--	8.3	4.3	5.8	7.6	--	--	3.0
in*:	--	(0.32)	--	(0.33)	(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, 0.25A MAX	OHMS AT 20°C MAX	WATTS AT 20°C NOMINAL	WATTS AT 20°C MAX
0.05	0.05	0.10	7.3	11.1	5.0	20.0	0.22	0.29

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** | **Halogen Free***

Directive 2002/95/EC Compliant

Directive 2000/53/EC Compliant

Pb

HF

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

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