

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

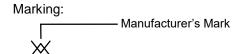
Insulating Material:

Cured, Flame Retardant Epoxy Polymer

meets UL94 V-0 Requirements

Lead Material:

26 AWG Tin Plated Nickel-Copper Alloy



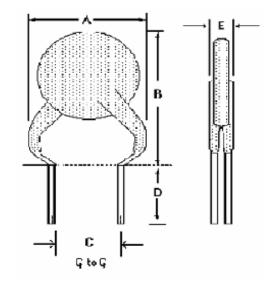


TABLE I. DIMENSIONS:

	Α		В		С		D		Е	
	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:

17 (5) 21 (1) 1 21 (1) 21 (1) (1) (1) (1) (1)												
I HOLD	CURF	ENT INIT		ΠAL	TIME TO TRIP	ONE HOUR	TRIPPED- STATE					
RATED	RATII	NGS	RESISTANCE			POST-TRIP	POW	ER				
CURRENT			VALUES			RESISTANCE	DISSIPATION					
						STANDARD						
						TRIP						
AMPERES	AMPERES		OHMS		SECONDS AT	OHMS	WATTS	WATTS				
AT 20°C	AT 20°C		AT 20°C		20°C, 0.25A	AT 20°C	AT 20°C	AT 20°C				
HOLD	HOLD	TRIP	MIN	MAX	MAX	MAX	NOMINAL	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





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



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