

308 Constitution Drive Menlo Park, CA USA www.circuitprotection.com

PolySwitch® **PTC Devices**

Overcurrent Protection Device

PRODUCT: RXEF025

DOCUMENT: SCD25216

REV LETTER: J

REV DATE: SEPTEMBER 26, 2014

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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:

24 AWG Tin Plated Copper Clad Steel

Marking:

Manufacturer's Mark XX X25 and Part Identification



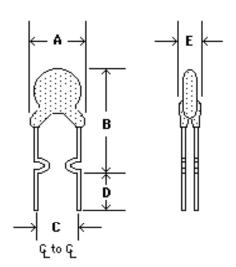


TABLE I. DIMENSIONS:

	A		В		С		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	-	7.4	1	12.7	4.3	5.8	7.6	1	-	3.0
in*:		(0.29)		(0.50)	(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	AMPERES		OHMS		SECONDS AT	OHMS	WATTS	WATTS
AT 20°C	AT 20°C		AT 20°C		20°C, 1.25A	AT 20°C	AT 20°C	AT 20°C
HOLD	HOLD	TRIP	MIN	MAX	MAX	MAX	NOMINAL	MAX
0.25	0.25	0.50	1.25	1.95	2.5	3.00	0.45	0.62

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





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