

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

PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: RXEF040

DOCUMENT: SCD25218

REV LETTER: H

REV DATE: DECEMBER 06, 2011

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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

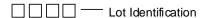
Lead Material:

24 AWG Tin Plated Copper Clad Steel

Marking:

Manufacturer's Mark

X40 and Part Identification



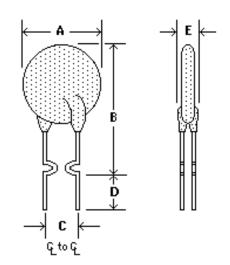


TABLE I. DIMENSIONS:

ı		Α		В		С		D		Е	
ı		MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
ŀ	mm:		7.6		13.5	4.3	5.8	7.6			3.0
ı	in*:		(0.30)	-	(0.53)	(0.17)	(0.23)	(0.30)		-	(0.12)

^{*}Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

I HOLD RATED CURRENT		CURRENT RATINGS		ITIAL STANCE LUES	TIME TO TRIP	ONE HOUR POST-TRIP RESISTANCE STANDARD TRIP	TRIPPED- STATE POWER DISSIPATION	
AMPERES			OHMS		SECONDS AT	OHMS	WATTS	WATTS
AT 20°C	AT 20°C		AT 20°C		20°C, 2.0A	AT 20°C	AT 20°C	AT 20°C
HOLD	HOLD	TRIP	MIN	MAX	MAX	MAX	NOMINAL	MAX
0.40	0.40	0.80	0.55	0.86	3.8	1.29	0.56	0.82

Agency Recognitions: UL, CSA, TUV 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 \leq 900ppm, Cl \leq 900ppm, Br+Cl \leq 1500ppm.