

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

PAGE NO.: 1 OF 1

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

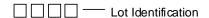
Lead Material:

24 AWG Tin Plated Copper Clad Steel

Marking:

Manufacturer's Mark

X40 and Part Identification



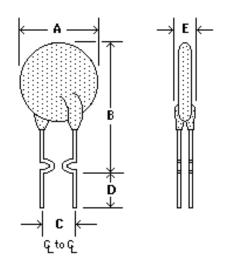


TABLE I. DIMENSIONS:

	Α		В		С		D		Е	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:		7.6		13.5	4.3	5.8	7.6	-		3.0
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		INITIAL RESISTANCE VALUES		TIME TO TRIP	ME 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, 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

OHS Compliant ELV Compliant

Pb-Free

Halogen Free*



Directive 2000/53/EC Compliant





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