

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

PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: RXEF010

DOCUMENT: SCD25213

REV LETTER: G

REV DATE: DECEMBER 06, 2011

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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:

24 AWG Tin Plated Nickel Copper Alloy

Marking:

Manufacturer's Mark

X10 and Part Identification

Lot Identification

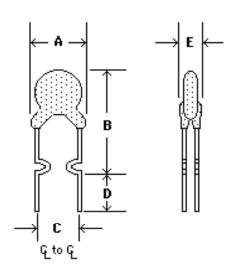


TABLE I. DIMENSIONS:

	Α		В		С		D		E		
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	
mm:		7.4		11.6	4.3	5.8	7.6			3.0	
in*:		(0.29)		(0.46)	(0.17)	(0.23)	(0.30)			(0.12)	

^{*}Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

I HOLD	CURRENT		INITIAL		TIME TO TRIP	ONE HOUR	TRIPPED- STATE	
RATED	RATINGS		RESISTANCE			POST-TRIP	POWER	
CURRENT			VALUES			RESISTANCE DISSIPATION		ATION
						STANDARD		
						TRIP		
AMPERES	AMPERES		OHMS		SECONDS AT	OHMS	WATTS	WATTS
AT 20°C	AT 20°C		AT 20°C		20°C, 0.5A	AT 20°C	AT 20°C	AT 20°C
HOLD	HOLD	TRIP	MIN	MAX	MAX	MAX	NOMINAL	MAX
0.10	0.10	0.20	2.50	4.50	4.0	7.5	0.38	0.53

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≤900ppm, Cl≤900ppm, Br+Cl≤1500ppm.