

# PolySwitch® PTC Devices

**Overcurrent Protection Device** 

PRODUCT: RXEF010

DOCUMENT: SCD25213

REV LETTER: H

**REV DATE: JULY 26, 2016** 

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## **Specification Status: Released**

**Electrical Rating** 

Voltage: 60V MAX Current: 40A MAX

**Insulating Material:** 

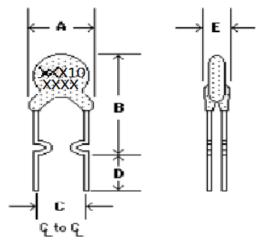
Cured, Flame Retardant Epoxy Polymer meets UL94 V-0 Requirements

Lead Material:

24 AWG Tin Plated Nickel Copper Alloy

Marking:

XXXX — Lot Identification



Measured at the button of the kink in device lead wires

#### **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)

<sup>\*</sup>Rounded off approximation

### **TABLE II. PERFORMANCE RATINGS:**

I HOLD	CURRENT		INITIAL		TIME TO TRIP	ONE HOUR	TRIPPED- STATE	
RATED	RATINGS		RESISTANCE			POST-TRIP	POWER DISSIPATION	
CURRENT			VALUES			RESISTANCE		
			1			STANDARD		
						TRIP		
AMPERES	AMPE	RES	ОН	IMS	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, 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





<sup>\*</sup> Halogen Free refers to: Br≤900ppm, Cl≤900ppm, Br+Cl≤1500ppm.



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