

# PolySwitch® PTC Devices

**Overcurrent Protection Device** 

PRODUCT: RXEF010S

DOCUMENT: SCD26387 REV LETTER: F

**REV DATE: JULY 26, 2016** 

PAGE NO.: 1 OF 2

### **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:** 

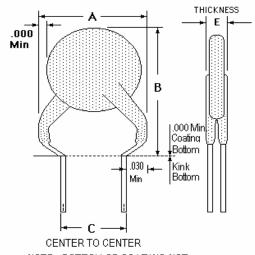
24 AWG Tin Plated Nickel Copper Alloy

Marking:

Manufacturer's Mark

X10 and Part Identification

□□□ — Lot Identification



NOTE: BOTTOM OF COATING NOT TO GO BELOW BOTTOM OF KINK

#### TABLE I. DIMENSIONS:

	Α		В		С		D		Е	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:		8.9		11.2	4.3	5.8	7.6			3.0
in*:		(0.35)		(0.44)	(0.17)	(0.23)	(0.30)			(0.12)

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

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

I HOLD RATED CURRENT	RATED RATINGS		RESIS	TIAL TANCE UES	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, 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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