

## PolySwitch® PTC Devices

**Overcurrent Protection Device** 

PRODUCT: RXEF017

DOCUMENT: SCD25214

REV LETTER: I

**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:

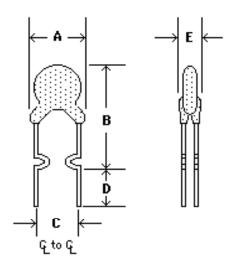
24 AWG Tin Plated Copper Clad Steel

Marking:

Manufacturer's Mark

X17 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	-	12.7	4.3	5.8	7.6	-	-	3.0
in*:		(0.29)		(0.50)	(0.17)	(0.23)	(0.30)	-		(0.12)

#### \*Rounded off approximation

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

	17.0212 111.1 21(1.01(1.11) 41.021													
I	I HOLD	CURRENT		INITIAL		TIME TO TRIP	ONE HOUR	TRIPPED- STATE						
	RATED	RATED RATINGS		RESISTANCE			POST-TRIP	POWER DISSIPATION						
	CURRENT		VALUES			RESISTANCE								
							STANDARD							
							TRIP							
	AMPERES	AMPERES		OHMS		SECONDS AT	OHMS	WATTS	WATTS					
	AT 20°C	AT 20°C AT 20°C		AT 20°C		20°C, 0.85A	AT 20°C	AT 20°C	AT 20°C					
	HOLD	HOLD	TRIP	MIN	MAX	MAX	MAX	NOMINAL	MAX					
	0.17	0.17	0.34	3.30	5.21	3.0	8.00	0.48	0.67					

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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