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# PolySwitch® PTC Devices

**Overcurrent Protection Device** 

Raychem Circuit Protection Products

PRODUCT: RXEF017

DOCUMENT: SCD 25214

PCN: C72444 REV LETTER: D

REV DATE: AUGUST 15, 2007

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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

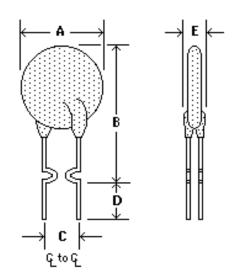
(can be on back)

Marking:

Manufacturer's Mark and Voltage

XF017 — 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)

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

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

I HOLD RATED CURRENT	CURF RATII		RESIS	TAL TANCE UES	TIME TO TRIP	ONE HOUR POST-TRIP RESISTANCE STANDARD TRIP	TRIPPED- STATE POWER DISSIPATION
AMPERES AT 20°C HOLD	AMPERES AT 20°C HOLD   TRIP		OHMS AT 20°C MIN   MAX		SECONDS AT 20°C, 0.85A MAX	OHMS AT 20°C MAX	WATTS AT 20°C NOMINAL
0.17	0.17	0.34	3.30	5.21	3.0	8.00	0.48

Agency Recognitions: UL, CSA, TUV

Approved by UL as a current limiting impedance, per the 1996 NEC, Tables 11 (c) and 11 (b).

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

Directive 2002/95/EC Compliant Directive 2000/53/EC Compliant



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