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# PolySwitch® PTC Devices

**Overcurrent Protection Device** 

Raychem Circuit Protection Products

PRODUCT: RXEF250

DOCUMENT: SCD 25227

PCN: C72501 REV LETTER: D

REV DATE: AUGUST 16, 2007

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# **Specification Status: Released**

Electrical Rating
Voltage: 72V MAX
Current: 40A MAX

Insulating Material:

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

Lead Material:

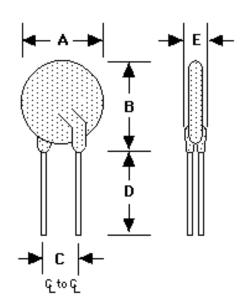
20 AWG Tin Plated Copper

Marking:

Manufacturer's Mark and Voltage

XF250 — Part Identification

Lot Identification (can be on back)



### **TABLE I. DIMENSIONS:**

mm: in\*:

Α		В		C		D		E [	
MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
-	20.8		25.4	9.4	10.9	7.6	-	-	3.0
-	(0.82)		(1.00)	(0.37)	(0.43)	(0.30)	-	-	(0.12)

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

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

I HOLD	CUR	RENT	INI	ΓIAL	TIME TO TRIP	ONE HOUR	TRIPPED-				
RATED	RATINGS		RESISTANCE			POST-TRIP	STATE				
CURRENT	CURRENT		VALUES			RESISTANCE	POWER				
						STANDARD	DISSIPATION				
						TRIP					
AMPERES	AMPERES		OHMS		SECONDS AT	OHMS	WATTS				
AT 20°C	AT 20°C AT 20°C		AT 20°C		20°C, 12.5A	AT 20°C	AT 20°C				
HOLD	HOLD	TRIP	MIN	MAX	MAX	MAX	NOMINAL				
2.50	2.50	5.00	0.05	0.08	15.6	0.13	2.5				

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

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



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