

**Tyco/Electronics**  
**Raychem Circuit Protection**  
 308 Constitution Drive  
 Menlo Park, CA 94025-1164  
 Phone: 800-227-4856  
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**PolySwitch®**  
**PTC Devices**  
 Overcurrent Protection Device

**PRODUCT: RXEF160**

DOCUMENT: SCD 25225  
 PCN: E53493  
 REV LETTER: A  
 REV DATE: MAY 16, 2003  
 PAGE NO.: 1 OF 1

**Specification Status: RELEASED**

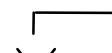

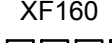

**Electrical Rating**

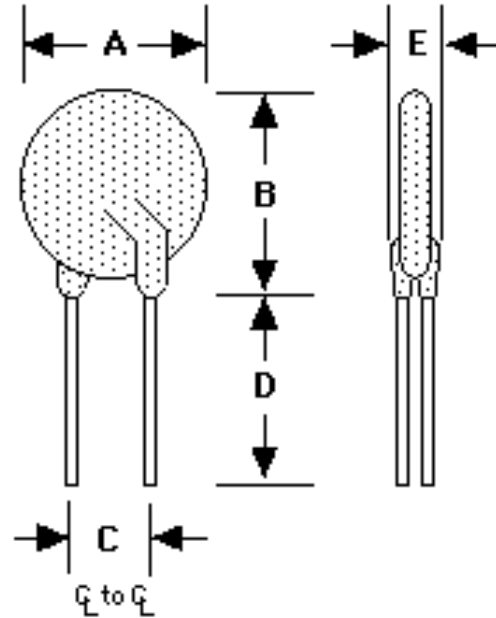
**Voltage: 72V MAX**  
**Current: 40A MAX**

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

Lead Material:  
 20 AWG Tin Plated Copper Clad Steel

**Marking:**

-  Raychem Logo and Voltage
-  72
-  XF160 — Part Identification
-  Lot Identification (can be on back)



**TABLE I. DIMENSIONS:**

	A		B		C		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	--	16.3	--	20.8	4.3	5.8	7.6	--	--	3.0
in*:	--	(0.64)	--	(0.82)	(0.17)	(0.23)	(0.30)	--	--	(0.12)

\*Rounded off approximation

**TABLE II. PERFORMANCE RATINGS :**

I HOLD RATED CURRENT	CURRENT RATINGS		INITIAL RESISTANCE VALUES		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				
1.60	1.60	3.20	0.09	0.14	SECONDS AT 20°C, 8.0A MAX 11.4	OHMS AT 20°C MAX 0.22	WATTS AT 20°C NOMINAL 1.9

Recognitions: UL, CSA and TUV recognized.  
 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.