

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

**PRODUCT: RXEF040**

DOCUMENT: SCD 25218  
 PCN: 759132  
 REV LETTER: C  
 REV DATE: APRIL 7, 2005  
 PAGE NO.: 1 OF 1

**Specification Status: Released**

**Electrical Rating**

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

**Insulating Material:**

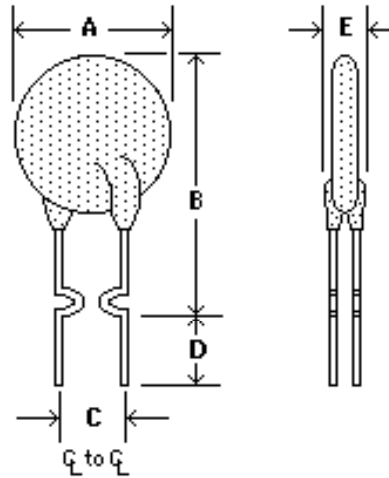
Cured, Flame Retardant Epoxy  
 Polymer  
 meets UL94 V-0 Requirements

**Lead Material:**

24 AWG Tin Plated Copper Clad Steel

**Marking:**

Raychem Logo and Voltage  
 XX 72  
 XF040 — 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:	--	7.6	--	13.5	4.3	5.8	7.6	--	--	3.0
in*:	--	(0.30)	--	(0.53)	(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	AMPERES AT 20°C	OHMS AT 20°C				
HOLD	HOLD	TRIP	MIN	MAX	SECONDS AT 20°C, 2.0A	OHMS AT 20°C	WATTS AT 20°C
0.40	0.40	0.80	0.55	0.86	MAX	MAX	NOMINAL
					3.8	1.29	0.56

**Agency Recognitions:**

UL, CSA, TUV

Approved by UL as a current limiting impedance, per the 1996 NEC, Tables 11 (c) and 11 (b). PS300

**Reference Documents:**

**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

