

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

**PRODUCT: RXEF065**

DOCUMENT: SCD 25220  
 PCN: D53593  
 REV LETTER: A  
 REV DATE: MAY 21, 2003  
 PAGE NO.: 1 OF 1

**Specification Status: RELEASED**

**Electrical Rating**

**Voltage: 72V MAX**

**Current: 40A MAX**

Insulating Material:

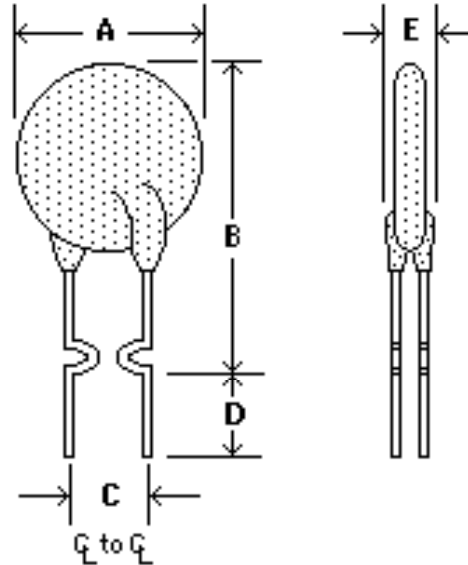
Cured, Flame Retardant Epoxy Polymer  
 meets UL94 V-0 Requirements

Lead Material:

24 AWG Tin Plated Copper Clad Steel

Marking:

- Raychem Logo and Voltage
- ⊗ 72
- X0F65 — 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:	--	9.4	--	14.5	4.3	5.8	7.6	--	--	3.0
in*:	--	(0.37)	--	(0.57)	(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		SECONDS AT 20°C, 3.25A MAX	OHMS AT 20°C MAX	WATTS AT 20°C NOMINAL
.65	.65	1.30	.31	.48	5.3	.72	.88

Recognitions:

UL, CSA and TUV recognized.

Reference Documents:

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