

Tyco/Electronics**Raychem Circuit Protection**

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PolySwitch®
PTC Devices
Overcurrent Protection Device

PRODUCT: RXE135

DOCUMENT: SCD 21870
PCN: 653847
REV LETTER: I
REV DATE: AUGUST 22, 2001
PAGE NO.: 1 OF 1

Specification Status: RELEASED

Electrical Rating**Voltage: 72V MAX****Current: 40A MAX****Insulating Material:**

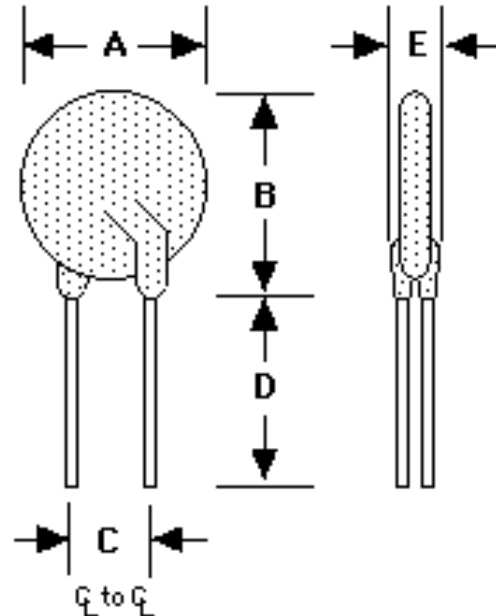
Cured, Flame Retarded Epoxy Polymer
meets UL94 V-0 Requirements

Lead Material:

20 AWG Tin Lead Plated Copper

Marking:

Raychem Logo and Voltage
X 72
X 135 — 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:	--	14.5	--	19.1	4.3	5.8	7.6	--	--	3.0
in*:	--	(0.57)	--	(0.75)	(0.17)	(0.23)	(0.30)	--	--	(0.12)

*Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

I _H RATED CURRENT	CURRENT RATINGS						TIME TO TRIP	INITIAL RESISTANCE VALUES		ONE-HOUR POST-TRIP RESISTANCE STANDARD TRIP	TRIPPED- STATE POWER DISSIPATION
	AMPERES AT 0°C		AMPERES AT 20°C		AMPERES AT 60°C			OHMS AT 20°C			
AMPERES 20°C HOLD	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	SECONDS AT 20°C, 6.75A MAX	MIN	MAX		
1.35	1.62	3.24	1.35	2.70	0.88	1.76	9.6	0.12	0.19	0.30	1.7

Recognitions:

UL, CSA and TUV approved.

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.