

Tyco/Electronics
Raychem Circuit Protection
 308 Constitution Drive
 Menlo Park, CA 94025-1164
 Phone: 800-227-4856
 Fax: 800-227-4866

PolySwitch®
PTC Devices
 Overcurrent Protection Device

PRODUCT: RXE017S

DOCUMENT: SCD 22239
 PCN: 864833
 REV LETTER: H
 REV DATE: AUGUST 20, 2001
 PAGE NO.: 1 OF 1

Specification Status: RELEASED

Electrical Rating

Voltage: 60V MAX

Current: 40A MAX

Insulating Material:

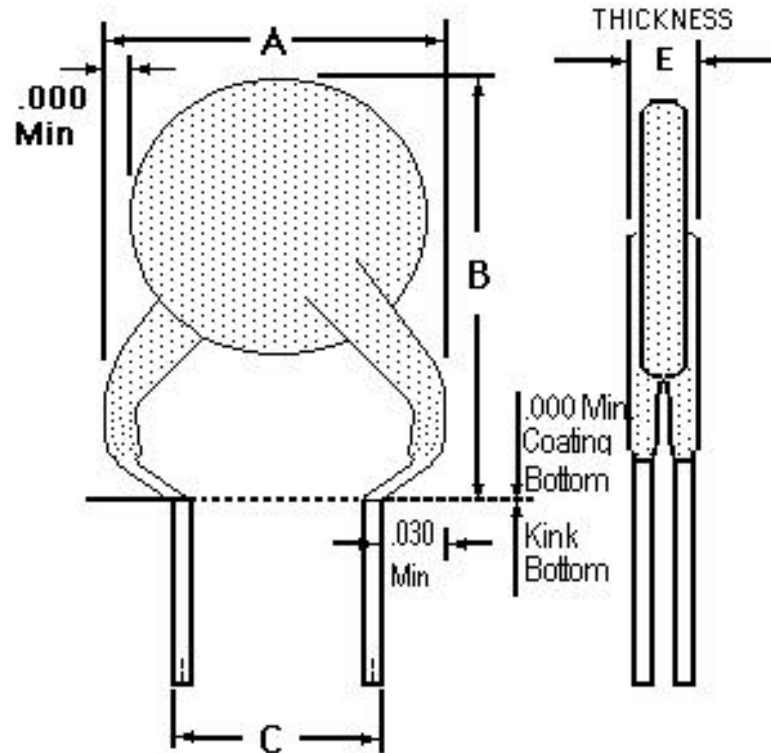
Cured, Flame Retarded Epoxy Polymer
 meets UL 94 V-O Requirements

Lead Material:

24 AWG Tin Lead plated Copper Clad Steel

Marking:

— Raychem Logo
 and Voltage
 X 60
 X017 — Part Identification
 □ □ □ □ — Lot Identification
 (can be on back)



CENTER TO CENTER

NOTE: BOTTOM OF COATING NOT
 TO GO BELOW BOTTOM OF KINK

TABLE I. DIMENSIONS:

	A		B		C		D		E		F
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	TYP
mm	?	8.9	?	11.2	4.3	5.8	7.6	?	?	3.0	--
in*:	?	(0.35)	?	(0.44)	(0.17)	(0.23)	(0.30)	?	?	(0.12)	--

*Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

I HOLD	CURRENT RATINGS						TIME TO TRIP	INITIAL RESISTANCE	ONE-HOUR POST-TRIP RESISTANCE STANDARD TRIP	TRIPPED-STATE POWER DISSIPATION
AMPS 20°C HOLD	AMPS AT 0°C HOLD	AMPS AT 20°C TRIP	AMPS AT 20°C HOLD	AMPS AT 20°C TRIP	AMPS AT 60°C HOLD	AMPS AT 60°C TRIP	SECONDS AT 20°C .85A MAX	OHMS AT 20°C MIN MAX	OHMS AT 20°C MAX	WATTS AT 20°C, NOMINAL
.17	.21	.42	.17	.34	.11	.22	3.0	3.30 5.21	8.00	0.48

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 date of invitation for bid.

CAUTION:

Operation beyond rated voltage or current may result in rupture, electrical arcing or flames.