

Tyco/Electronics**Raychem Circuit Protection**

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PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: RXE010S

DOCUMENT: SCD 23913
PCN: 338893
REV LETTER: E
REV DATE: AUGUST 20, 2001
PAGE NO.: 1 OF 1

Specification Status: RELEASED
Electrical Rating**Voltage: 60V MAX****Current: 40A MAX****Insulating Material:**

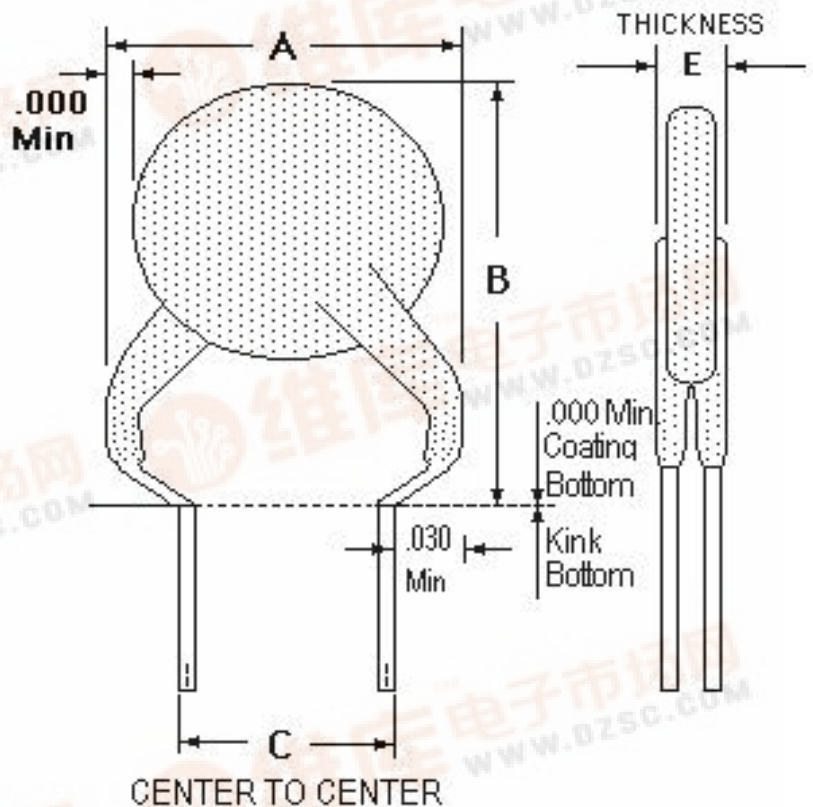
Cured, Flame Retarded Epoxy Polymer
meets UL94 V-0 Requirements

Lead Material:

24 AWG Solder coated nickel-copper alloy

Marking:

60 — Voltage
X 010 — Part Identification
□ □ □ □ — Lot Identification (can be on back)



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 _H RATED CURRENT	CURRENT RATINGS						TIME TO TRIP	INITIAL RESISTANCE VALUES		ONE-HOUR POST-TRIP RESISTANCE STANDARD TRIP	NOMINAL TRIPPED STATE POWER DISSIPATION
	AMPERES AT 0°C HOLD		AMPERES AT 20°C HOLD		AMPERES AT 60°C HOLD		SECONDS AT 20°C, 0.5A MAX	OHMS AT 20°C MIN	OHMS AT 20°C MAX	OHMS AT 20°C MAX	WATTS AT 20°C NOMINAL
.10	.11	.22	.10	.20	.07	.14	4.0	2.50	4.50	7.5	.38

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.

