

Tyco/Electronics
Raychem Circuit Protection
 308 Constitution Drive
 Menlo Park, CA 94025-1164
 Phone: 800-227-4856
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PolySwitch®
PTC Devices
 Overcurrent Protection Device

PRODUCT: RXE250

DOCUMENT: SCD 21873
 PCN: 068043
 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 250 — Part Identification
 □ □ □ □ — Lot Identification (can be on back)

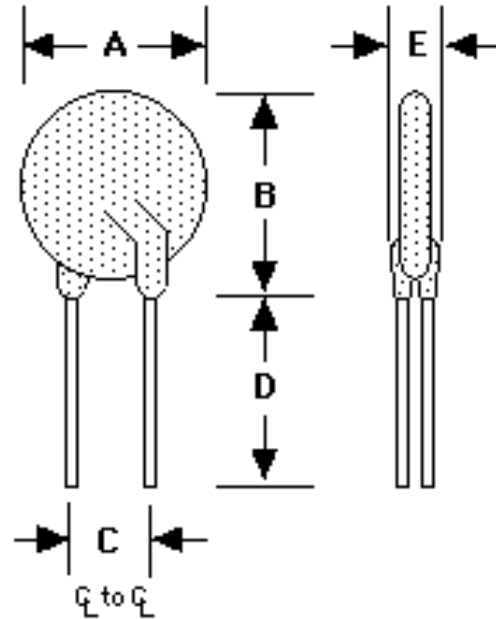


TABLE I. DIMENSIONS:

	A		B		C		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	--	20.8	--	25.4	9.4	10.9	7.6	--	--	3.0
in*:	--	(0.82)	--	(1.00)	(0.37)	(0.43)	(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	AMPERES AT 0°C HOLD	TRIP	AMPERES AT 20°C HOLD	TRIP	AMPERES AT 60°C HOLD	TRIP	SECONDS AT 20°C, 12.5A MAX	MIN	MAX	OHMS AT 20°C MAX	WATTS AT 20°C NOMINAL
2.50	3.00	6.00	2.50	5.00	1.62	3.24	15.6	0.05	0.08	0.13	2.5

Recognitions:

UL, CSA and TUV approved.

Reference Documents:

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.