

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

PRODUCT: RXEF250

DOCUMENT: SCD 25227
 PCN: C72501
 REV LETTER: A
 REV DATE: MAY 16, 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:
 20 AWG Tin Plated Copper Clad Steel

Marking:

- Raychem Logo and Voltage
- ⊗ 72
- XF250 — Part Identification
- — Lot Identification (can be on back)

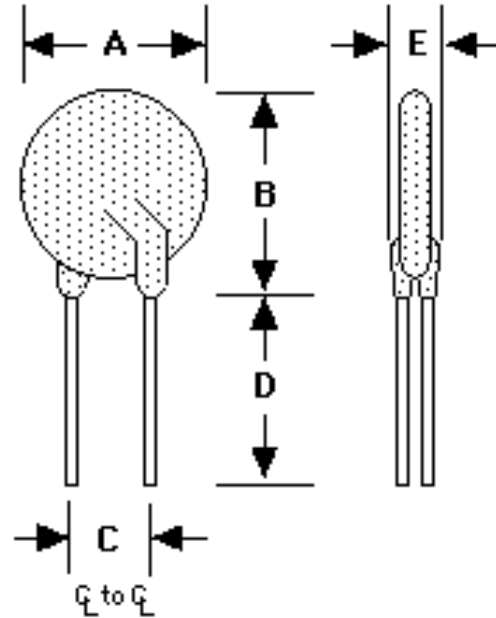


TABLE I. DIMENSIONS:

	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 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		OHMS AT 20°C		SECONDS AT 20°C, 12.5A	OHMS AT 20°C	WATTS AT 20°C
HOLD	HOLD	TRIP	MIN	MAX	MAX	MAX	NOMINAL
2.50	2.50	5.00	0.05	0.08	15.6	0.13	2.5

Recognitions: UL, CSA and TUV recognized.
 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.