

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

PRODUCT: RXEF185

DOCUMENT: SCD 25226
 PCN: A27829
 REV LETTER: A
 REV DATE: MAY 16, 2003
 PAGE NO.: 1 OF 1

Specification Status: RELEASED

Electrical Rating

Voltage: 72V MAX
Current: 40A MAX

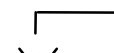

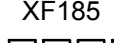

Insulating Material:

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
-  XF185 — Part Identification
-  Lot Identification (can be on back)

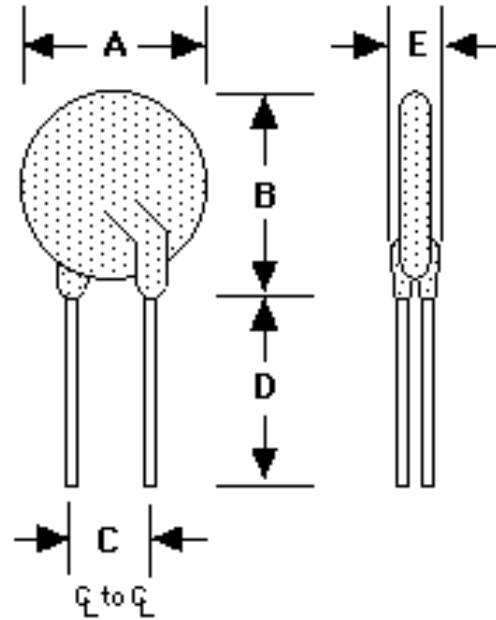


TABLE I. DIMENSIONS:

	A		B		C		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	--	17.5	--	22.4	4.3	5.8	7.6	--	--	3.0
in*:	--	(0.69)	--	(0.88)	(0.17)	(0.23)	(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 HOLD	AMPERES AT 20°C		OHMS AT 20°C		SECONDS AT 20°C, 9.25A	OHMS AT 20°C	WATTS AT 20°C
	HOLD	TRIP	MIN	MAX	MAX	MAX	NOMINAL
1.85	1.85	3.70	0.08	0.12	12.6	0.19	2.1

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.