

Tyco/Electronics
Raychem Circuit Protection
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PolySwitch®
PTC Devices
 Overcurrent Protection Device

PRODUCT: RXE300

DOCUMENT: SCD 21874
 PCN: 733751
 REV LETTER: I
 REV DATE: AUGUST 23, 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
- ⊗ 72
- X 300 ─ Part Identification
- ─ Lot Identification (can be on back)

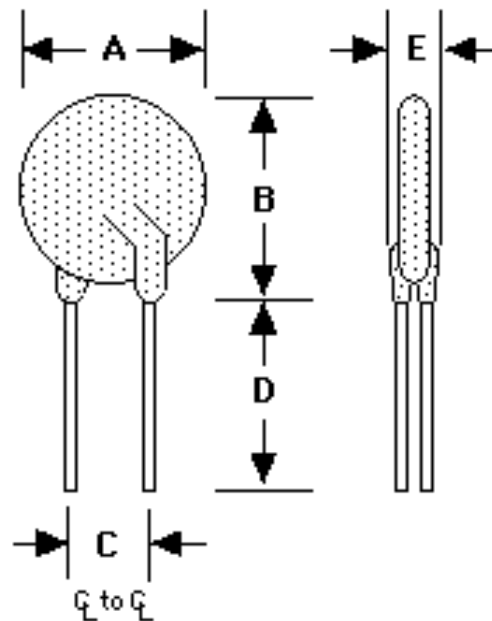


TABLE I. DIMENSIONS:

	A		B		C		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	--	23.9	--	28.6	9.4	10.9	7.6	--	--	3.0
in*:	--	(0.94)	--	(1.13)	(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 20°C HOLD	AMPERES AT 0°C HOLD	AMPERES AT 20°C TRIP	AMPERES AT 20°C HOLD	AMPERES AT 60°C TRIP	AMPERES AT 60°C HOLD	AMPERES AT 60°C TRIP		SECONDS AT 20°C, 15.0A MAX	OHMS AT 20°C MIN		
3.00	3.60	7.20	3.00	6.00	1.95	3.90	19.8	0.04	0.06	0.10	2.8	

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.