

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

PRODUCT: RXE050S

DOCUMENT: SCD 23463
 PCN: 932289
 REV LETTER: D
 REV DATE: AUGUST 21, 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:
 24 AWG Tin Lead Plated Copper

Marking:

— Raychem Logo
 and Voltage
 X 72
 X 050 — Part Identification
 □ □ □ □ — Lot Identification
 (can be on back)

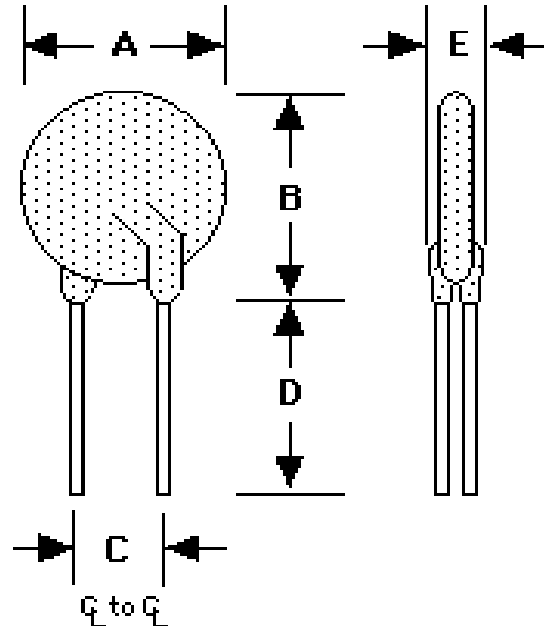


TABLE I. DIMENSIONS:

	A		B		C		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	--	7.9	--	13.7	4.3	5.8	7.6	--	--	3.0
in*:	--	(0.31)	--	(0.54)	(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	TRIPPED- STATE POWER DISSIPATION
	AMPERES 20°C HOLD	AMPERES AT 0°C HOLD	AMPERES AT 20°C TRIP	AMPERES AT 60°C HOLD	AMPERES AT 60°C TRIP	AMPERES AT 60°C TRIP		OHMS AT 20°C MIN	OHMS AT 20°C MAX		
0.50		0.60	1.20	0.50	1.00	0.33	4.0	0.50	0.77	1.17	0.77

Recognitions: UL, CSA and TUV approved.

Reference Documents: PS300

Precedence:

Effectivity:

CAUTION:

Approved by UL as a current limiting impedance, per the 1996 NEC, Tables 11 (c) and 11 (b).
 This specification takes precedence over documents referenced herein.
 Reference documents shall be the issue in effect on the date of invitation for bid.
 Operation beyond the rated voltage or current may result in rupture, electrical arcing or flame.