

Tyco/Electronics
Raychem Circuit Protection
 308 Constitution Drive
 Menlo Park, CA 94025-1164
 Phone: 800-227-4856
 Fax: 800-227-4866

PolySwitch®
PTC Devices
 Overcurrent Protection Device

PRODUCT: RXE050

DOCUMENT: SCD 21866
 PCN: 037039
 REV LETTER: G
 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:
 24 AWG Tin Lead Plated Copper

Marking:

- ┌───┐ Ravchem Logo and Voltage
- ⊗ 72
- X 050 ─── Part Identification
- ─── Lot Identification (can be on back)

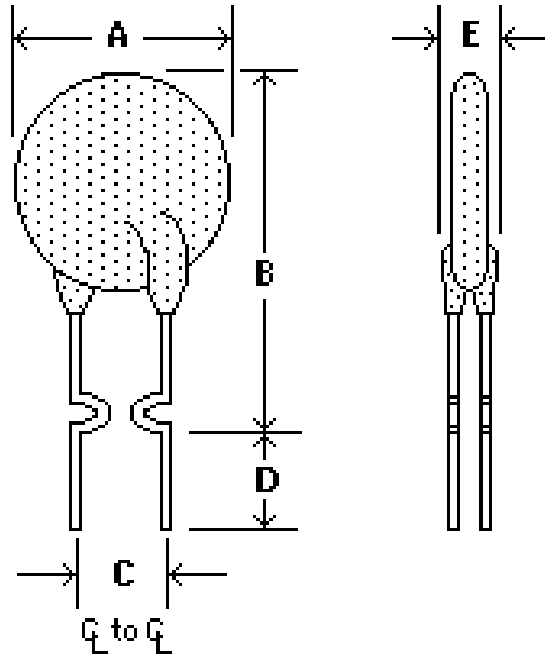


TABLE I. DIMENSIONS:

	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		SECONDS AT 20°C, 2.5A MAX	OHMS AT 20°C MIN		
.50	.60	1.20	.50	1.00	.33	.66	4.0	.50	.77	1.17	.77

Recognitions: UL, CSA and TUV approved.
 Approved by UL as a current limiting impedance, per the 1996 NEC, Tables 11 (c) and 11 (b).
 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.