Tyco/Electronics
Raychem Circuit Protection
308 Constitution Drive
Menlo Park, CA 94025-1164
Phone: 800-227-4856
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PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: RXE025

DOCUMENT: SCD 21860
PCN: 310635
REV LETTER: H
REV DATE: AUGUST 20, 2001
PAGE NO.: 1 OF 1

Specification Status: RELEASED

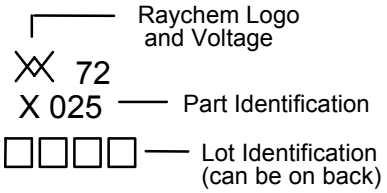
Electrical Rating

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 Clad Steel

Marking:



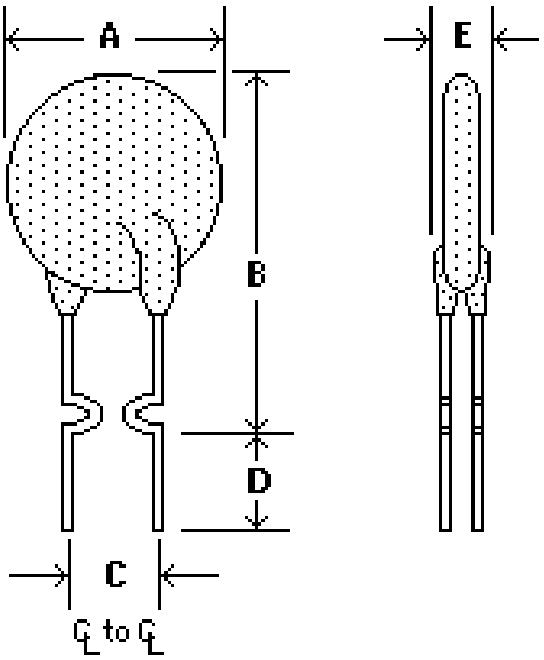


TABLE I. DIMENSIONS:

	A		B		C		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	--	7.4	--	12.7	4.3	5.8	7.6	--	--	3.0
in*:	--	(0.29)	--	(0.50)	(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		AMPERES AT 20°C		AMPERES AT 60°C		SECONDS AT 20°C, 1.25A	OHMS AT 20°C		OHMS AT 20°C	WATTS AT 20°C
	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	MAX	MIN	MAX	MAX	NOMINAL
.25	.30	.60	.25	.50	.16	.32	2.5	1.25	1.95	3.00	.45

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.