

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

PRODUCT: RXE020S

DOCUMENT: SCD 23914
 PCN: 768223
 REV LETTER: D
 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:

Raychem Logo
 and Voltage
 XX 72
 X 020 — Part Identification
 □□□□ — Lot Identification
 (can be on back)

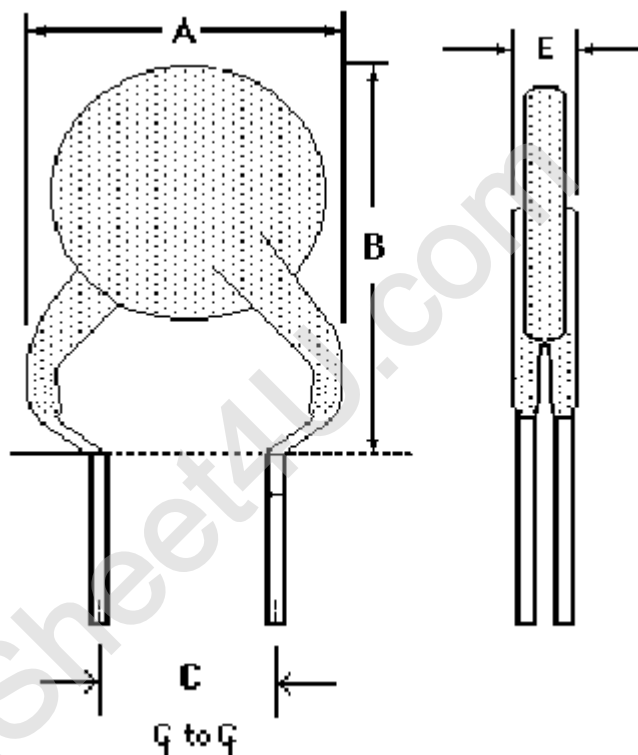


TABLE I. DIMENSIONS:

	A		B		C		D		E		F
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	TYP
mm:	--	8.9	--	11.2	4.3	5.8	7.6	--	--	3.0	--
in*:	--	(0.35)	--	(0.44)	(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	NOMINAL TRIPPED-STATE POWER DISSIPATION		
	AMPERES AT 0°C		AMPERES AT 20°C		AMPERES AT 60°C			OHMS AT 20°C				OHMS AT 20°C	WATTS AT 20°C
	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP		MIN	MAX				
AMPERES 20°C	AT 0°C		AT 20°C		AT 60°C		SECONDS AT 20°C, 1.25A MAX	OHMS AT 20°C		OHMS AT 20°C	NOMINAL		
HOLD	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP		MIN	MAX	MAX	NOMINAL		
.20	.24	.48	.20	.40	.13	.26	2.2	1.83	2.75	4.40	.41		

Recognitions:

UL, CSA and TUV approved.

Reference Documents:

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