



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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**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: RXE025**

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

**Specification Status: RELEASED**

**Electrical Rating**

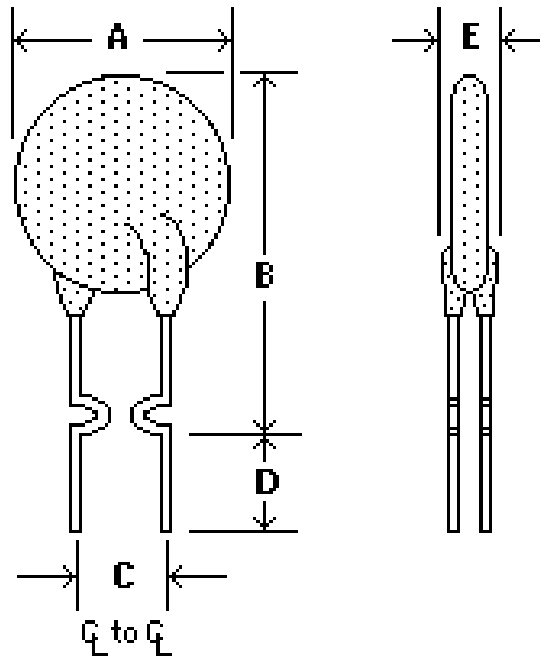
**Voltage: 72V MAX**  
**Current: 40A MAX**

Insulating Material:  
 Cured, Flame Retarded Epoxy Polymer  
 meets UL94 V-0 Requirements

Lead Material:  
 24 AWG Tin Lead Plated Copper Clad Steel

**Marking:**

- Raychem Logo and Voltage
- ⊗ 72 — Part Identification
- X 025 — 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:	--	7.4	--	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 <sub>H</sub> RATED CURRENT	CURRENT RATINGS						TIME TO TRIP	INITIAL RESISTANCE VALUES		ONE-HOUR POST-TRIP RESISTANCE STANDARD TRIP	TRIPPED- STATE POWER DISSIPATION
	AMPERES AT 0°C		AMPERES AT 20°C		AMPERES AT 60°C			OHMS AT 20°C			
AMPERES 20°C HOLD	AMPERES AT 0°C HOLD   TRIP	AMPERES AT 20°C HOLD   TRIP	AMPERES AT 20°C HOLD   TRIP	AMPERES AT 60°C HOLD   TRIP	AMPERES AT 60°C HOLD   TRIP	SECONDS AT 20°C, 1.25A MAX	OHMS MIN	OHMS MAX			
.25	.30	.60	.25	.50	.16	.32	2.5	1.25	1.95	3.00	.45

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.