

**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: RXE300K**

DOCUMENT: SCD 23562  
 PCN: 930877  
 REV LETTER: E  
 REV DATE: AUGUST 23, 2001  
 PAGE NO.: 1 OF 1

**Specification Status: RELEASED**

**Electrical Rating**

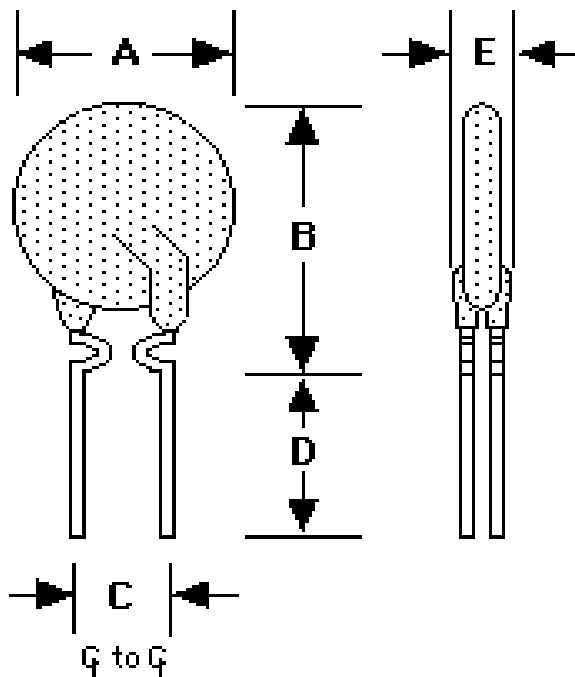
**Voltage: 72V MAX**  
**Current: 40A MAX**

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

Lead Material:  
 20 AWG Tin Lead Plated Copper

**Marking:**

- ┌── Raychem Logo and Voltage
- ⊗ 72
- X 300 ─ 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:	--	23.11	--	29.3	9.4	10.9	7.6	--	--	3.0
in*:	--	(0.910)	--	(1.16)	(0.37)	(0.43)	(0.30)	--	--	(0.12)

\*Rounded off approximation

**TABLE II. PERFORMANCE RATINGS:**

I HOLD 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					
	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	MIN		MAX			
3.00	3.60	7.20	3.00	6.00	1.95	3.90	19.8	0.04	0.06	0.10	2.8	

Recognitions: UL, CSA and TUV approved.  
 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.