

# Raychem Corporation

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## PolySwitch® PTC Devices Resettable Fuse

**PRODUCT: RGE400**

DOCUMENT: SCD 23907  
PCN: 882023  
REV LETTER: D  
REV DATE: FEBRUARY 5, 2000  
PAGE NO.: 1 OF 1

### Specification Status: RELEASED

#### Electrical Rating

**Voltage: 16V MAX**  
**Current: 100A MAX**

#### Insulating Material:

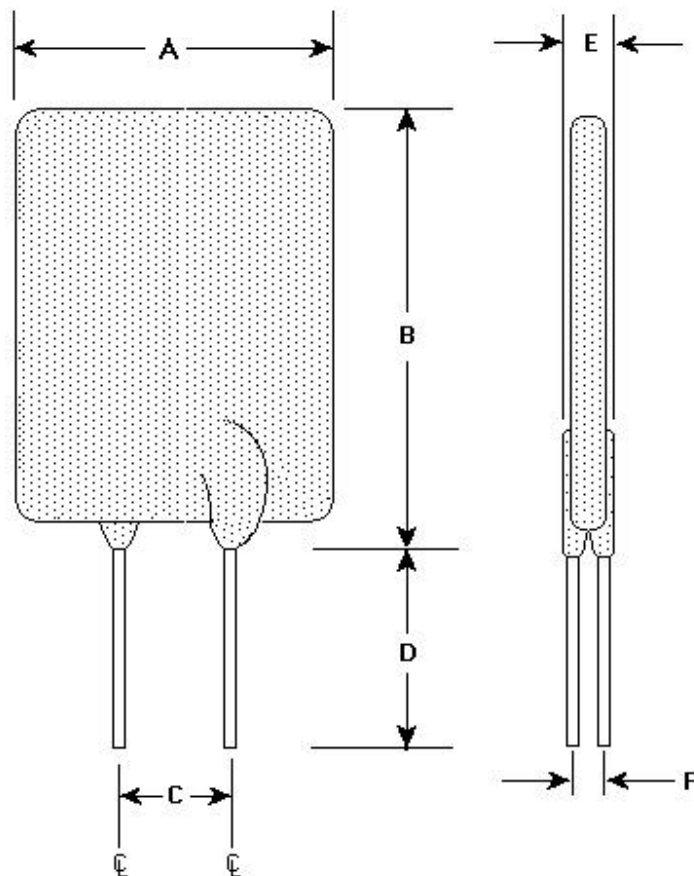
Cured, Flame Retarded Epoxy Polymer  
meets UL94 V-0 Requirements

#### Lead Material:

20 AWG Tin/Lead Plated Copper  
(0.81mm [0.032] nom. diameter)

#### Marking:

Raychem Logo and Voltage  
 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:	7.9	8.9	7.9	12.8	4.3	5.8	7.6	-	2.0	3.0	1.2
in*:	(0.31)	(0.35)	(0.31)	(0.50)	(0.17)	(0.23)	(0.30)	-	(0.08)	(0.12)	(0.05)

\*Rounded off approximation

**TABLE II. PERFORMANCE RATINGS:**

I HOLD 25°C HOLD	CURRENT RATINGS		TIME TO TRIP SECONDS AT 25°C, 20 A MAX	RESISTANCE OHMS AT 25°C		TRIPPED-STATE POWER DISSIPATION WATTS AT 25°C, 16V TYP
	AMPS HOLD	AMPS AT 25°C TRIP		MIN	MAX	
4.0	4.0	6.8	1.7	0.021	0.060	2.4

Recognitions:

CSA/ TUV/ UL 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.