

Raychem Circuit Protection

308 Constitution Drive
Menlo Park, CA 94025-1164
800-227-4856
FAX 800-227-4866

Raychem**PolySwitch®****PTC Devices**

Resettable Fuse

PRODUCT: RGE1000

DOCUMENT: SCD24093

PCN: 470961

REV LETTER: E

REV DATE: MARCH 8, 2000

PAGE NO.: 1 OF 1

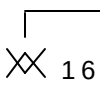
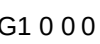
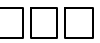
Specification Status: PRELIMINARY**Electrical Rating****Voltage: 16V MAX****Current: 100A MAX****Insulating Material:**

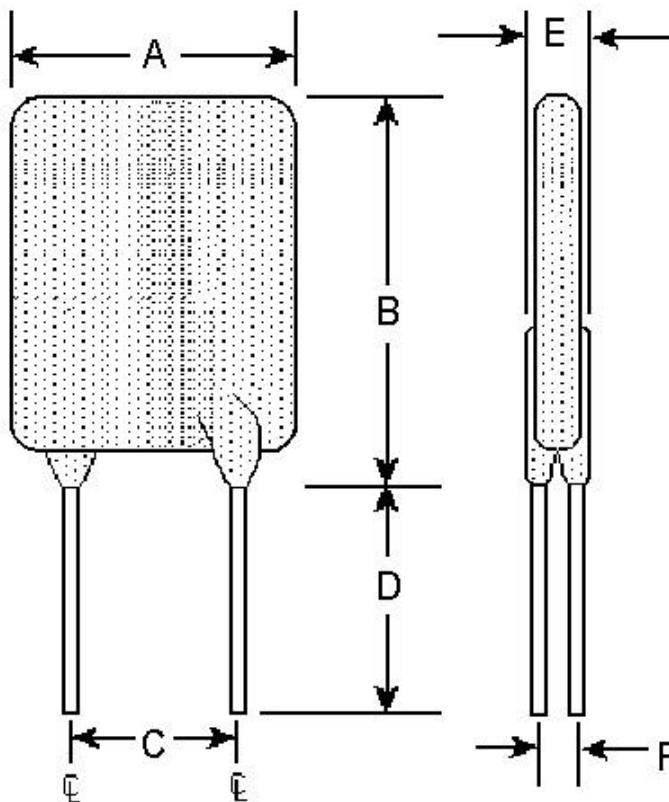
Cured, Flame Retarded Epoxy Polymer
meets UL94 V-0 Requirements

Lead Material:

20 AWG Tin/Lead Plated Copper

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:	15.5	16.5	21.1	25.2	4.3	5.8	7.6	--	2.0	3.0	1.2
in*:	(0.61)	(0.65)	(0.83)	(0.99)	(0.17)	(0.23)	(0.30)	--	(0.08)	(0.12)	(0.05)

*Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

I HOLD RATED CURRENT	CURRENT TRIP LIMITS		TIME TO TRIP	RESISTANCE VALUES		TRIPPED-STATE POWER DISSIPATION
AMPS 25°C HOLD	AMPS AT 25°C HOLD	AMPS TRIP	SECONDS AT 25°C, 50.0 A MAX	OHMS AT 25°C MIN	OHMS AT 25°C MAX	WATTS AT 25°C, 16V TYP
10.0	10.0	17.0	6.0	0.004	0.0102	3.6

Recognitions:**Reference Documents:****Precedence:****Effectivity:****CAUTION:**

CSA/ TUV/ UL approved.

PS300

This specification takes precedence over documents referenced herein.

Reference documents shall be the issue in effect on the date of invitation for bid.

Operation beyond the rated voltage or current may result in rupture, electrical arcing or flame.