



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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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
- XX 16 — Part Identification
- G1 0 0 0 — Lot Identification (can be on back)
- □ □ □ — Lot Identification (can be on back)

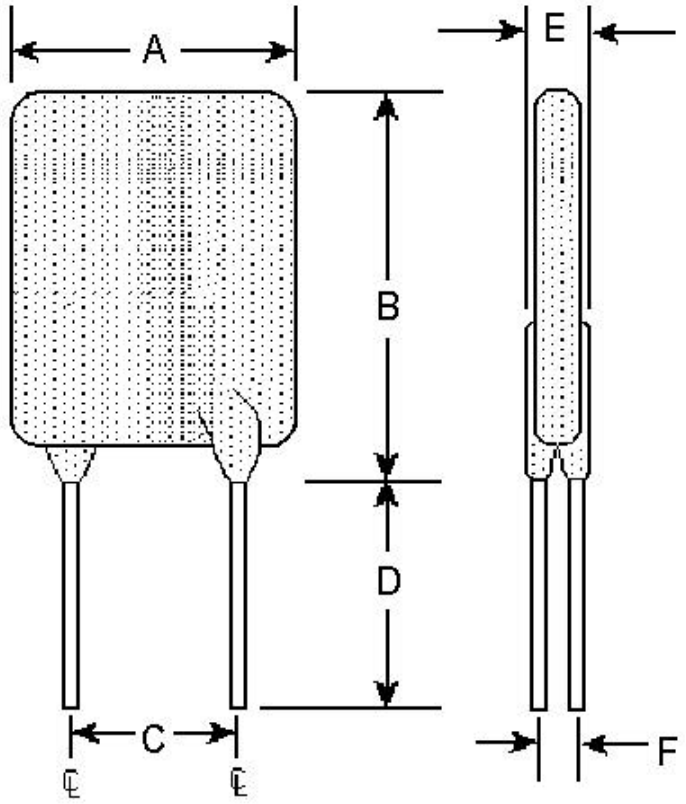


TABLE I. DIMENSIONS:

	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 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: 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.