

Raychem Corporation

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R

PolySwitch® PTC Devices Resettable Fuse

PRODUCT: RGE700K

DOCUMENT: SCD 23829

PCN: 174693

REV LETTER: E

REV DATE: FEBRUARY 05, 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
XX 16
G 700 — Part Identification
□□□□ — Lot Identification
(can be on back)

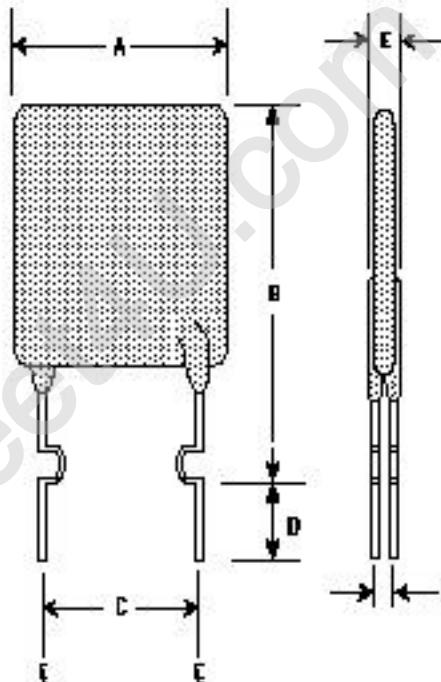


TABLE I. DIMENSIONS:

	A		B		C		D		E		F
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	TYP
mm:	10.2	11.2	-	22.2	4.3	5.8	7.6	-	2.0	3.0	1.2
in*:	(0.40)	(0.44)	-	(0.87)	(0.17)	(0.23)	(0.30)	-	(0.08)	(0.12)	(0.05)

*Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

I HOLD	CURRENT RATINGS		TIME TO TRIP	RESISTANCE		TRIPPED-STATE POWER DISSIPATION
AMPS 25°C HOLD	AMPS AT 25°C HOLD	TRIP	SECONDS AT 25°C, 35 A MAX	OHMS AT 25°C MIN	MAX	WATTS AT 25°C, 16V TYP
7.0	7.0	11.9	3.5	0.0077	0.020	3.0

Recognition:

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.