

Raychem Corporation

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

R PolySwitch® PTC Devices Resettable Fuse

PRODUCT: RGE900

DOCUMENT: SCD 23379

PCN: 572593

REV LETTER: J

REV DATE: JANUARY 28, 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
X 16
G900 — Part Identification
□ □ □ □ — Lot Identification
(can be on back)

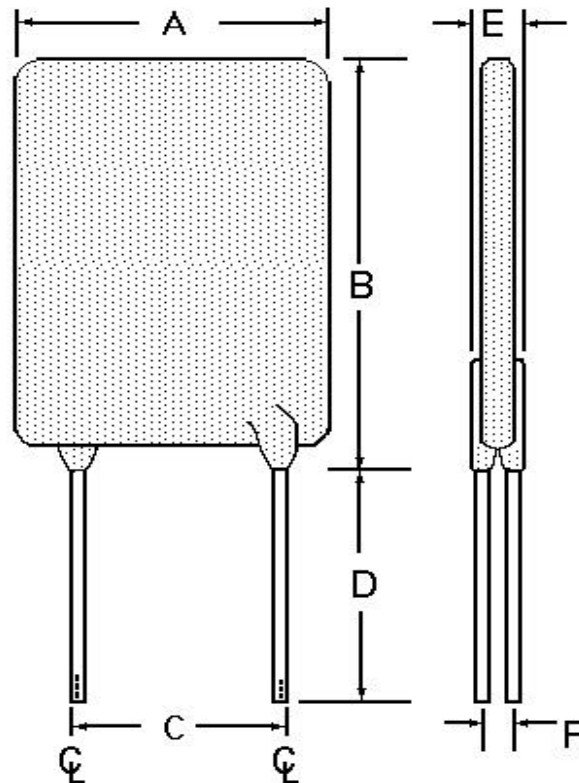


TABLE I. DIMENSIONS:

	A		B		C		D		E		F
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	TYP
mm:	13.0	14.0	16.8	21.7	4.3	5.8	7.6	-	2.0	3.0	1.2
in*:	(0.51)	(0.55)	(0.66)	(0.85)	(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	AMPS AT 25°C TRIP	SECONDS AT 25°C, 45 A MAX	OHMS AT 25°C MIN	OHMS AT 25°C MAX	WATTS AT 25°C, 16V TYP
9.00	9.0	15.3	5.5	0.0047	0.0135	3.3

Recognition:

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.

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CAUTION:

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