

Raychem Corporation

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R
PolySwitch®
PTC Devices
Resettable Fuse

PRODUCT: RTE190

DOCUMENT: SCD 24309
PCN: 605133
REV LETTER: B
REV DATE: MARCH 26, 1999
PAGE NO.: 1 OF 1

Specification Status: RELEASED

Electrical Rating

Voltage: 33V MAX
Current: 40A MAX

Insulating Material:

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

Lead Material:

24 AWG Tin/Lead Plated Copper Clad Steel

Marking:

- Raychem Logo and Voltage
- XX 33
- T190 — Part Identification
- — Lot Identification (can be on back)

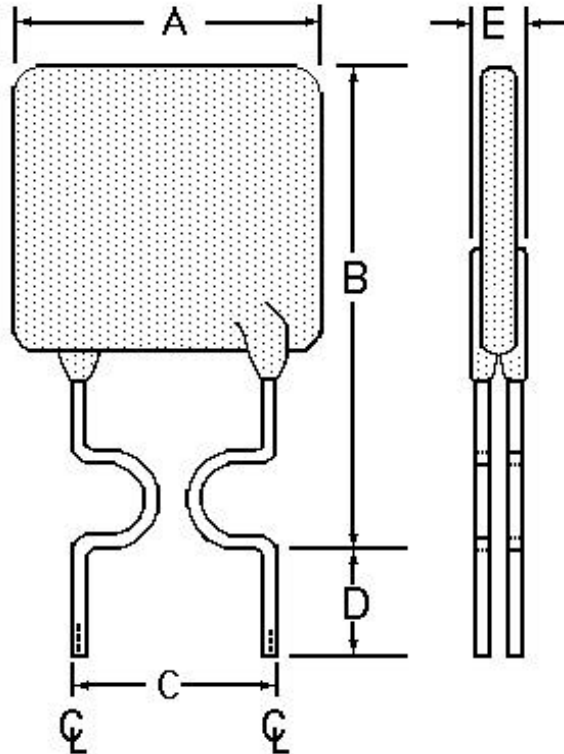


TABLE I. DIMENSIONS:

	A		B		C		D		E		F
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	TYP
mm:	--	8.9	--	13.5	4.3	5.8	7.6	--	--	3.0	--
in*:	--	(0.35)	--	(0.53)	(0.17)	(0.23)	(0.30)	--	--	(0.12)	--

*Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

I HOLD*	RATINGS		TIME TO TRIP*	RESISTANCE		ONE-HOUR POST-TRIP RESISTANCE STANDARD TRIP	NOMINAL TRIPPED POWER DISSIPATION*
	AMPS AT 20°C HOLD	AMPS AT 20°C TRIP		OHMS AT 20°C	OHMS AT 20°C		
1.90	1.90	3.0	3.5	MIN 0.045	MAX 0.063	SECONDS AT 20°C MAX 0.092	WATTS AT 20°C 0.90

* Values specified were determined using PCB's w/ 0.050 x 1 oz Cu traces

Recognitions:

UL/CSA/TUV pending

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.