

Raychem Corporation

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Raychem
PolySwitch®
PTC Devices
Resettable Fuse

PRODUCT: RUE250U

DOCUMENT: SCD 22793
PCN: 613961
REV LETTER: I
REV DATE: AUGUST 31, 1999
PAGE NO.: 1 OF 1

Specification Status: RELEASED

Electrical Rating

Voltage: 30V MAX
Current: 40A MAX

Lead Material:
20 AWG Tin/Lead Plated Copper

Marking:
None

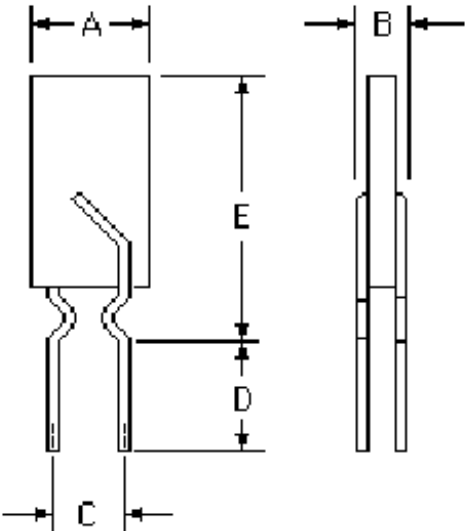


TABLE I. DIMENSIONS:

	A		B		C	D	E	
	MIN	MAX	MIN	MAX	TYPICAL	MIN	MIN	MAX
mm:	7.1	8.1	--	2.8	5.0	7.6	15.0	16.8
in*:	(0.28)	(0.32)	--	(0.11)	(0.2)	(0.3)	(0.59)	(0.66)

*Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

I HOLD	CURRENT RATINGS						TIME TO TRIP	RESISTANCE		ONE-HOUR POST-TRIP RESISTANCE STANDARD TRIP	NOMINAL TRIPPED POWER DISSIPATION
AMPS 20°C HOLD	AMPS AT 0°C HOLD	AMPS AT 20°C TRIP	AMPS AT 20°C HOLD	AMPS AT 20°C TRIP	AMPS AT 50°C HOLD	AMPS AT 50°C TRIP	SECONDS AT 20°C, 8A MAX	OHMS AT 20°C MIN	OHMS AT 20°C MAX	OHMS AT 20°C MAX	WATTS AT 20°C
2.5	--	--	2.5	4.9	2.0	3.7	5.0	0.031	0.044	0.080	1.75

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.