

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

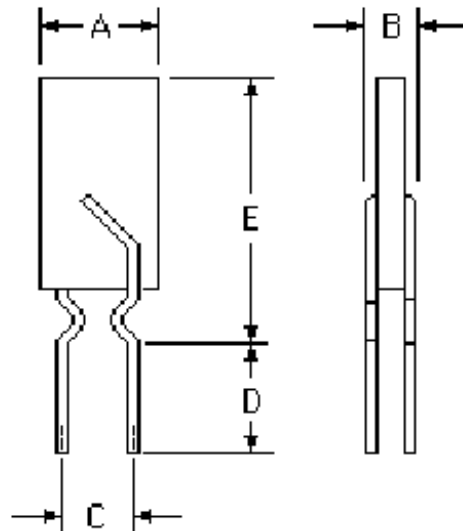
Specification Status: RELEASED**Electrical Rating****Voltage: 30V MAX****Current: 40A MAX**

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 50°C HOLD	AMPS AT 50°C TRIP	SECONDS AT 20°C, 8A MAX		OHMS AT 20°C MIN	OHMS AT 20°C MAX		
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.