

Raychem Circuit Protection

308 Constitution Drive
Menlo Park, CA 94025-1164
800-227-4856
FAX 800-227-4866

Raychem

PolySwitch®

PTC Devices

Resettable Fuse

PRODUCT: RUSB250

DOCUMENT: SCD 23858
PCN: 865395
REV LETTER: E
REV DATE: APRIL 21, 2000
PAGE NO.: 1 OF 1

Specification Status: RELEASED

Electrical Rating**Voltage: 16VDC MAX****Current: 40A MAX****Leads:**

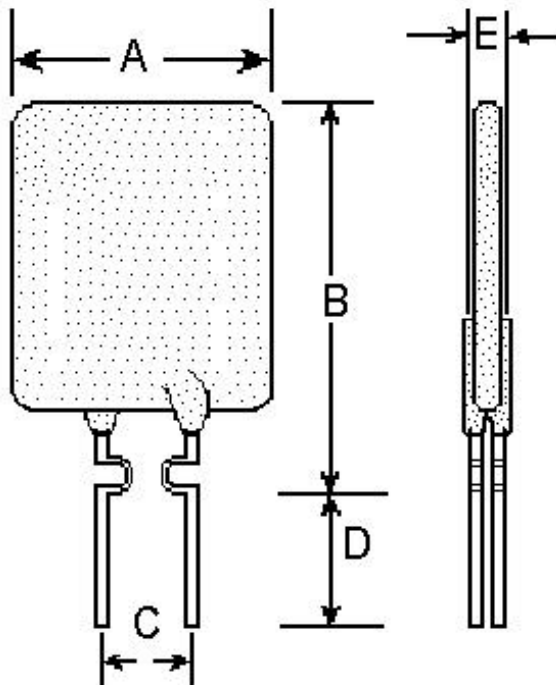
24 AWG Tin/lead plated copper clad
steel

PART MARKING:

Raychem Logo

R 250

Part Identification

Lot Identification
(can be on back)

Lot identification may be on back of part

TABLE I. DIMENSIONS:

	A MAX	B MAX	C MIN	C MAX	D MIN	E MAX
mm:	11.4	18.3	4.3	5.8	7.6	3.0
in*:	(0.45)	(0.72)	(0.17)	(0.23)	(0.30)	(0.12)

*Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

I HOLD	CURRENT RATINGS				TIME TO TRIP	RESISTANCE			TRIPPED-STATE POWER DISSIPATION
AMPS 20°C HOLD	AMPS AT 0°C HOLD	AMPS AT 20°C HOLD	AMPS AT 20°C TRIP	AMPS AT 60°C HOLD	SECONDS AT 20°C, 8 A MAX	OHMS AT 20°C	MIN	TYP	MAX*
2.50	2.88	2.50	5.00	1.50	40	0.02	0.03	0.06	1.2

*Maximum resistance is measured one hour after device is tripped and allowed to reset.

Recognitions:

UL 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.