

Raychem Circuit Protection
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Raychem

PolySwitch®

PTC Devices

Resettable Fuse

PRODUCT: RUSB185

DOCUMENT: SCD 23857
PCN: 573343
REV LETTER: F
REV DATE: SEPTEMBER 12, 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

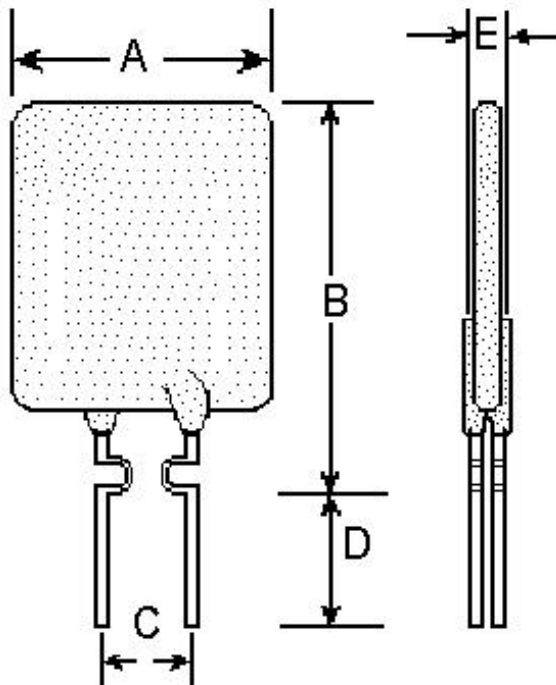
PART MARKING:



Raychem Logo

R 185 — 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:	10.2	15.7	4.3	5.8	7.6	3.0
in*:	(0.40)	(0.62)	(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*
1.85	2.13	1.85	3.70	1.11	10	0.03	0.045	0.09	1.0

*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.