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R
PolySwitch®
PTC Devices
Resettable Fuse

PRODUCT: RUSB090

DOCUMENT: SCD 23853
PCN: 879885
REV LETTER: D
REV DATE: NOVEMBER 21, 1998
PAGE NO.: 1 OF 1

Specification Status: Released

Electrical Rating

Voltage: 16VDC MAX

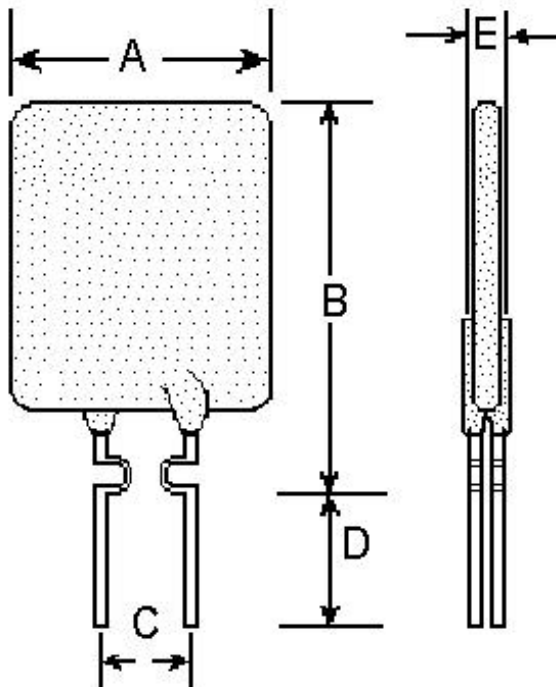
Current: 40A MAX

Leads:

24 AWG Tin/lead plated copper clad steel

MARKING:

Raychem Logo
XX
R 090 — 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:	7.4	12.2	4.3	5.8	7.6	3.0
in*:	(0.29)	(0.48)	(0.17)	(0.23)	(0.30)	(0.12)

*Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

I HOLD	HOLD CURRENT VALUES				TIME TO TRIP	RESISTANCE			TRIPPED-STATE POWER DISSIPATION
AMPS 20°C HOLD	AMPS AT 0°C HOLD	AMPS AT 20°C HOLD	AMPS AT 60°C HOLD	AMPS AT 60°C HOLD	SECONDS AT 20°C, 8 A MAX	OHMS AT 20°C			WATTS AT 20°C TYP
						MIN	TYP	MAX*	
0.90	1.04	0.90	1.80	0.54	1.2	0.07	0.10	0.18	0.6

*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.