

Tyco / Electronics
Raychem Circuit Protection
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PolySwitch®
PTC Devices
 Overcurrent Protection Device

PRODUCT: RUSB160

DOCUMENT: SCD 23856
 PCN: 552409
 REV LETTER: E
 REV DATE: FEBRUARY 3, 2003
 PAGE NO.: 1 OF 1

Specification Status: RELEASED

Electrical Rating
Voltage: 16V_{DC} MAX
Current: 40A MAX

Insulating Material:
 Cured, Flame Retardant Epoxy Polymer
 meets UL 94 V-O Requirements

Lead Material:
 24 AWG Tin Lead Plated Copper Clad Steel

Marking:

- Raychem Logo
- R160 — Part Identification
- Lot Identification (can be on back)

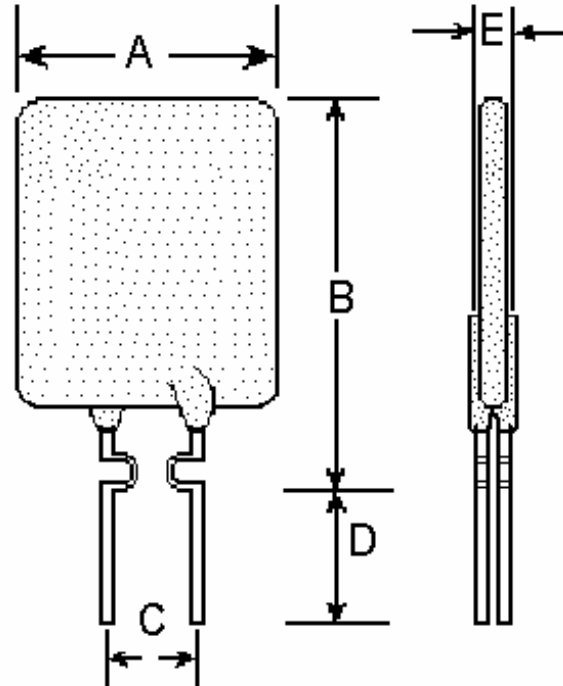


TABLE I. DIMENSIONS:

	A		B		C		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	--	8.9	--	15.2	4.3	5.8	7.6	--	--	3.0
in*:	--	(0.35)	--	(0.60)	(0.17)	(0.23)	(0.30)	--	--	(0.12)

*Rounded off approximation

TABLE II. PERFORMANCE RATINGS :

I HOLD RATED CURRENT	CURRENT RATINGS		INITIAL RESISTANCE VALUES		ONE HOUR POST-TRIP RESISTANCE STANDARD TRIP	TIME TO TRIP @ 8A	TRIPPED-STATE POWER DISSIPATION
AMPERS AT 20°C HOLD	AMPERES AT 20°C HOLD TRIP		OHMS AT 20°C MIN TYP		OHMS AT 20°C MAX	SECONDS AT 20°C	WATTS AT 20°C
1.60	1.60	3.20	0.03	0.05	0.11	9	0.9

Agency Recognitions: UL, CSA, TUV recognized.
 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.