

Tyco / Electronics
Raychem Circuit Protection
 308 Constitution Drive
 Menlo Park, CA 94025-1164
 Phone: 800-227-4856
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PolySwitch®
PTC Devices
 Overcurrent Protection Device

PRODUCT: RUSB250

DOCUMENT: SCD 23858
 PCN: 865395
 REV LETTER: F
 REV DATE: FEBRUARY 3, 2003
 PAGE NO.: 1 OF 1

Specification Status: RELEASED

Electrical Rating

Voltage: 16V_{DC} MAX

Current: 40A MAX

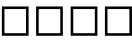
Insulating Material:

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

Lead Material:

24 AWG Tin Lead Plated Copper Clad Steel

Marking:

 Raychem Logo
 R250 — Part Identification
 Lot Identification
 (can be on back)

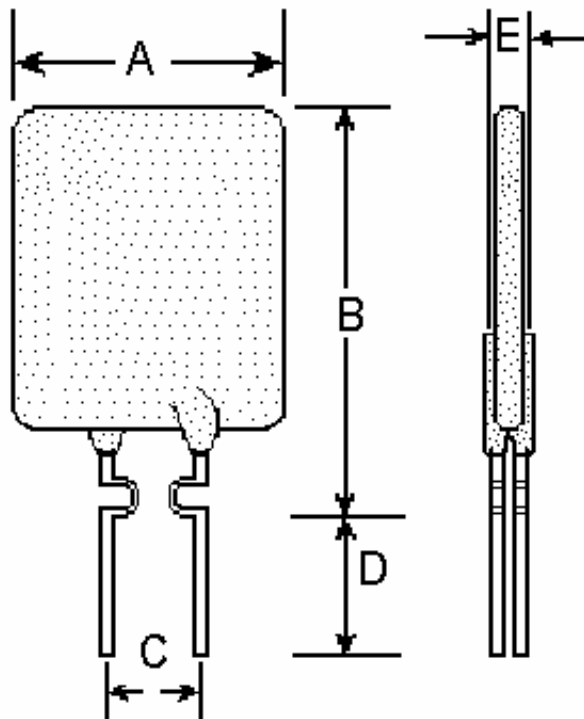


TABLE I. DIMENSIONS:

	A		B		C		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	--	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 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		OHMS AT 20°C		OHMS AT 20°C MAX	SECONDS AT 20°C	WATTS AT 20°C
	HOLD	TRIP	MIN	TYP			
2.50	2.50	5.00	0.02	0.03	0.06	40	1.2

Agency Recognitions:
 Reference Documents:
 Precedence:
 Effectivity:
 CAUTION:

UL, CSA, TUV recognized.
 PS300
 This specification takes precedence over documents referenced herein.
 Reference documents shall be the issue in effect on the date of invitation for bid.
 Operation beyond the rated voltage or current may result in rupture, electrical arcing or flame.