

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

PRODUCT: RUSBF250

DOCUMENT: SCD 25249
 PCN: C71697
 REV LETTER: A
 REV DATE: JANUARY 30, 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 Plated Copper Clad Steel

Marking:

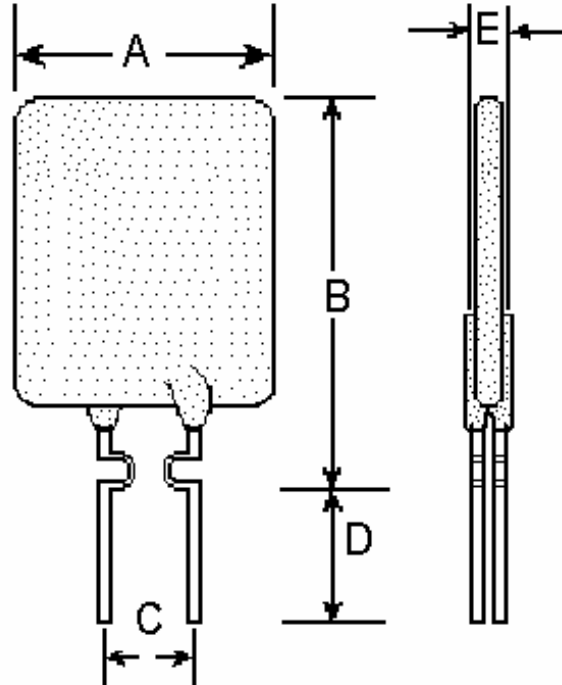
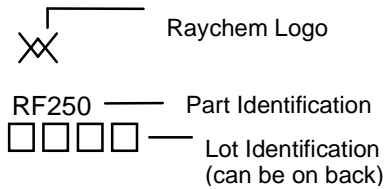


TABLE I. DIMENSIONS:

	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 HOLD TRIP		OHMS AT 20°C MIN TYP		OHMS AT 20°C MAX	SECONDS AT 20°C	WATTS AT 20°C
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.