

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

PRODUCT: RUSBF090

DOCUMENT: SCD 25242
 PCN: A95290
 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 Nickel Copper Alloy

Marking:

- ⊗ ——— Raychem Logo
- RF090 ——— Part Identification
- ——— Lot Identification (can be on back)

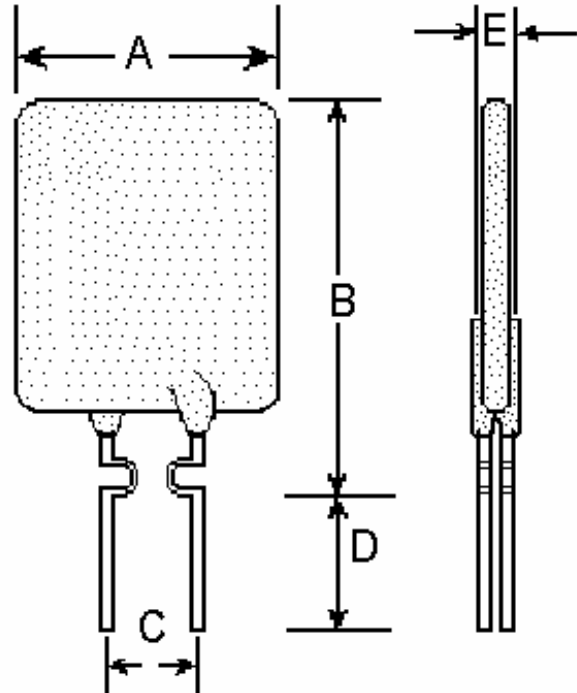


TABLE I. DIMENSIONS:

	A		B		C		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	--	7.4	--	12.2	4.3	5.8	7.6	--	--	3.1
in*:	--	(0.29)	--	(0.48)	(0.17)	(0.23)	(0.30)	--	--	(0.12)

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	AMPERS AT 20°C		OHMS AT 20°C		OHMS AT 20°C MAX	SECONDS AT 20°C	WATTS AT 20°C
	HOLD	TRIP	MIN	TYP			
0.90	0.90	1.80	0.07	0.10	0.18	1.2	0.6

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.