

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

PRODUCT: TRF250-120T-R1-B-0.5-0.125

DOCUMENT: 26379
 PCN: RF0246-000
 REV LETTER: A
 REV DATE: SEPTEMBER 16, 2005
 PAGE NO.: 1 OF 1

Specification Status: Released

Max Electrical Rating at 20°C

Operating Voltage: 60V_{DC}
Fault Voltage: 250V_{RMS}
Interrupt Current: 3A_{RMS}

Lead Material :
 22 AWG Sn plated copper

Marking:

- _____ Raychem Logo
- XX 20 _____ Part Identification
- _____ Lot Identification

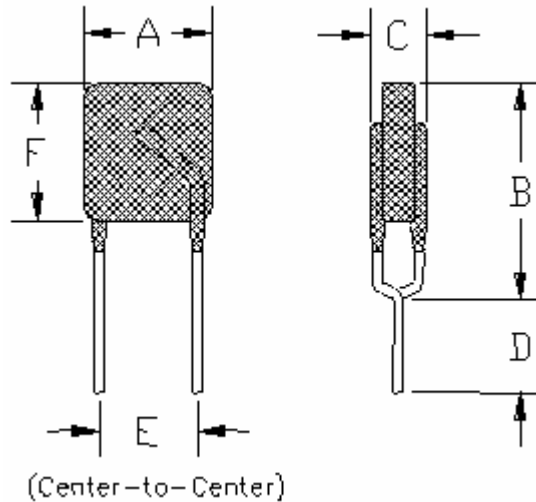


TABLE I. DIMENSIONS:

A		B		C		D			E	F		
MIN	MAX	MIN	MAX	MIN	MAX	MIN	NOM	MAX	NOM	MIN	MAX	
mm:	--	6.5	--	11.0	--	4.6	2.55	3.2	3.85	5.0	--	7.0
in:	--	(0.256)	--	(0.433)	--	(0.180)	(0.100)	(0.125)	(0.152)	(0.197)	--	(0.276)

TABLE II. PERFORMANCE RATINGS @ 20°C (unless otherwise noted):

I _{HOLD} (A)	RESISTANCE (Ω)			TIME TO TRIP (s) @ 1A TYP	OPERATING TEMPERATURE (°C)	
	R MIN	R MAX	R _{1 MAX} *		MIN	MAX
20°C	6.0	9.0	16	1.0	-40	85

*Maximum device resistance at 20°C measured 1hour post trip.

Additional Ratings @ 20°C

Resistance Matched 0.5 Ohm
 Lightning Withstand ITU AT 1.5kV

Agency Recognition: UL, CSA, TUV 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.

ROHS Compliant

ELV Compliant

Pb-Free

Directive 2002/95/EC
 Compliant

Directive 2000/53/EC
 Compliant

