

Tyco / Electronics
Raychem Circuit Protection
 308 Constitution Drive
 Menlo Park, CA 94025-1164
 Phone: 800-227-4856
 Fax: 800-227-4866

PolySwitch®
PTC Devices
 Overcurrent Protection Device

PRODUCT: TRF250-120T

DOCUMENT: SCD 26213
 PCN: RF0013-000
 REV LETTER: A
 REV DATE: JUNE 8, 2005
 PAGE NO.: 1 OF 1

Specification Status: Preliminary

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

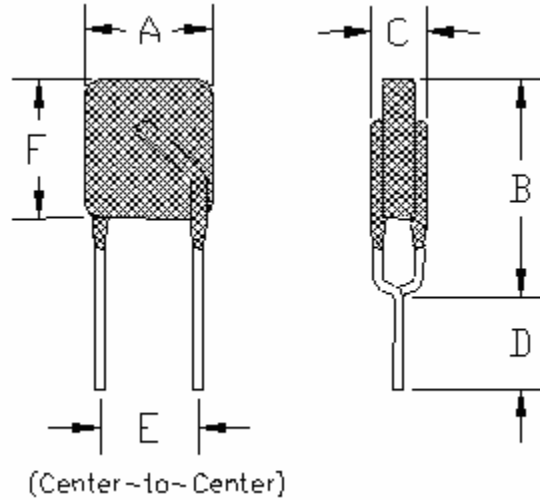


TABLE I. DIMENSIONS:

	A		B		C		D		E	F	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	NOM	MIN	MAX
mm:	--	6.5	--	11.0	--	4.6	4.7	--	5.0		7.0
in:	--	(0.256)	--	(0.433)	--	(0.180)	(0.185)	--	(0.197)		(0.276)

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

I HOLD (A)		RESISTANCE (Ω)			TIME TO TRIP @ 1A (Seconds)		OPERATING TEMPERATURE (°C)	
20°C	40°C	R MIN	R MAX	R ₁ MAX*	TYP	MAX	MIN	MAX
0.120	0.110	7.0	12.0	16.0	0.7	1.2	-40	85

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

Additional Rating @ 20°C
 Lightning Withstand

ITU AT 1.5KV

Storage Temperature: -40° to 85°C

Agency Recognitions
 Reference Documents:
 Precedence:
 Effectivity:
 CAUTION:

UL, CSA, TUV pending
 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.

ROHS Compliant

ELV Compliant

Pb-Free

Directive 2002/95/EC
Compliant

Directive 2000/53/EC
Compliant

