

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

PRODUCT: TRF250-120UT

DOCUMENT: SCD 26218
 PCN: RF0018-000
 REV LETTER: A
 REV DATE: JUNE 8, 2005
 PAGE NO.: 1 OF 1

Specification Status: Preliminary

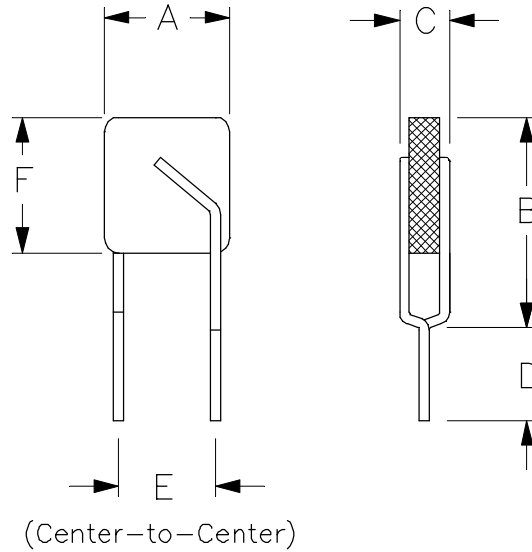
Max Electrical Rating at 20°C

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
mm:	--	6.0	--	10.0	--	3.8	4.7	--	5.0	6.0
in:	--	(0.236)	--	(0.394)	--	(0.150)	(0.185)	--	(0.197)	(0.394)

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

I HOLD (A)	RESISTANCE (Ω) @ 20° C			TIME TO TRIP (s) @ 1A		OPERATING TEMPERATURE (°C)	
	40°C	R MIN	R MAX	R _{1MAX} *	TYP	MAX	MIN
0.110	7.0	12.0	16.0	0.7	1.5	-40	85

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

Additional Ratings @ 20°C

Lightning Withstand ITU at 1.5kV

Agency Recognition: UL, CSA, TUV
 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.

Materials Information

ROHS Compliant

Directive 2002/95/EC
 Compliant

ELV Compliant

Directive 2000/53/EC
 Compliant

Pb-Free

