

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

PRODUCT: TRF250-120

DOCUMENT: SCD 26212
 PCN: RF0008-000
 REV LETTER: B
 REV DATE: NOVEMBER 1, 2005
 PAGE NO.: 1 OF 1

Specification Status: Released

Max Electrical Rating at 20°C

Operating Voltage: 60V_{DC}

Interrupt Current: 3A_{RMS}

Fault Voltage: 250V_{RMS}

Lead Material : 22 AWG Sn plated copper

Marking:

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

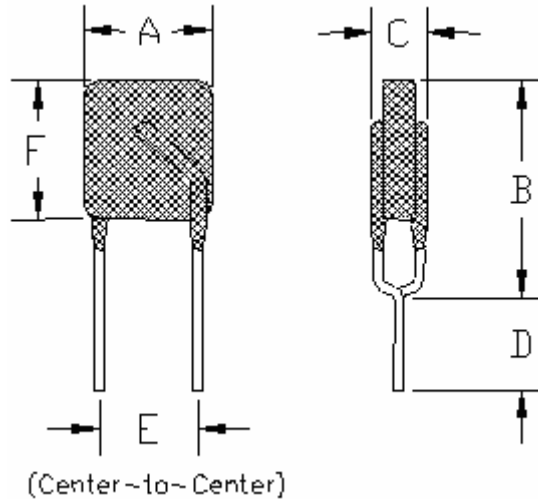


TABLE I. DIMENSIONS:

	A		B		C		D		E	F
	Min	Max	Min	Max	Min	Max	Min	Max	Nom	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):

IHOLD (A)	ITRIP (A)	RESISTANCE (Ω) @ 20°C			TIME TO TRIP (s) @ 1A		OPERATING TEMPERATURE (°C)		
		R MIN	R MAX	R _{1 MAX} *	TYP	MAX	MIN	MAX	
20°C	20°C								
0.120	0.240	4.0	8.0	16.0	1.5	2.5	-40	85	

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

Additional Rating @ 20°C

Lightning Withstand: ITU @ 1.5KV Storage Temperature: -40° to 85° C

Agency Recognitions: 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.

Materials Information

ROHS Compliant

ELV Compliant

Pb-Free

Directive 2002/95/EC
Compliant

Directive 2000/53/EC
Compliant

