

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

PRODUCT: TS250-130-RA

DOCUMENT: SCD 23193
 PCN: 631558
 REV LETTER: F
 REV DATE: APRIL 9, 2002
 PAGE NO.: 1 OF 1

Specification Status: RELEASED

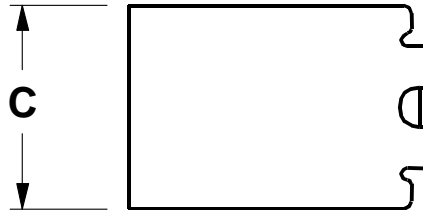
Max Electrical Rating at 20°C

Operating Voltage: 60V_{DC}
 Fault Voltage: 250V_{RMS} / 600V_{RMS}
 Interrupt Current: 3A_{RMS} / 1A_{RMS}

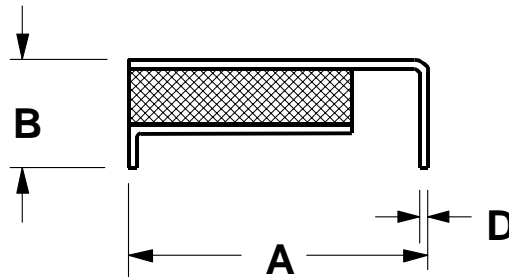
Terminal Material: Tin Plated Brass

Marking:

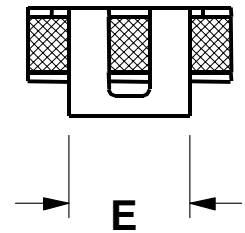
Raychem Logo
 X T13 Part Identification
 □ □ □ □ Lot Identification



Top View



Side View



End View

TABLE I. DIMENSIONS:

	A		B		C		D	E
	MIN	MAX	MIN	MAX	MIN	MAX	NOM	NOM
mm:	8.5	9.4	--	3.4	--	7.4	0.3	3.8
in:	(0.335)	(0.370)	--	(0.135)	--	(0.290)	(0.011)	(0.150)

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

I HOLD (A)	RESISTANCE (Ω)			TIME TO TRIP(s) @ 1A		OPERATING TEMPERATURE (°C)		POWER DISSIPATION (W) TYP
	R MIN	R MAX	R _{1 MAX} *	TYP	MAX	MIN	MAX	
20°C	6.5	9.0	15.0	1.4	2.5	-40	85	1.1

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

Additional Ratings @ 20°C

Lightning Withstand: ITU at 1.5kV

Storage Temperature: -40° to 85°C

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.