

Specification Status: RELEASED

Maximum Operating Voltage: 60V_{DC}

Fault Ratings at 20°C:

250 V_{RMS}, 3A, 10 applications
600 V_{RMS}, 1A, 5 applications

Additional Info at 20°C:

Resistance matched: 0.5 ohm
Lightning withstand: 1.5kV per ITU-T
Helps equipment meet ITU-T K.20/K.21 specifications

Terminal Material: Tin-Plated Brass

Marking:

Raychem Logo
XX T13 □ — Part Identification & Bin #
□ □ □ □ — Lot Identification

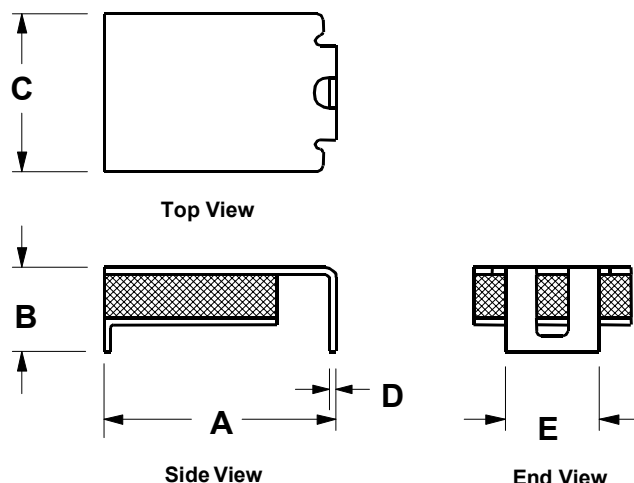


TABLE I. DIMENSIONS:

	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)

*Rounded off approximation

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

HOLD CURRENT (A)	TRIP CURRENT (A)	RESISTANCE (Ω)			TIME TO TRIP(Sec) @ 1A		OPERATING TEMPERATURE (°C)		TRIPPED POWER DISSIPATION (W) TYP @ 60V _{DC}
		R MIN	R MAX	R ₁ MAX*	TYP	MAX	MIN	MAX	
0.130	0.260	7.0	10.0	17.0	1.1	2.0	-40	85	1.1

*Maximum device resistance at 20°C measured 1 hour post trip and 24 hours post reflow

TABLE III. APPLICABLE PART DESCRIPTIONS:

PART DESCRIPTION	PCN # (INTERNAL ONLY)	PACKAGING TYPE	NOTE
TS250-130F-RC-B-0.5-2	A05570-000	Tape and Reel	N/A

Agency Recognitions:

UL, CSA, TUV
UL File #E74889, CSA File #78165C

Reference Documents:

Raychem PS300, ITU-T K.20/K.21

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

