

Specification Status: RELEASED

Maximum Operating Voltage: 60V_{DC}

Fault Ratings at 20°C:

250 V_{RMS}, 3A, 10 applications

Additional Info at 20°C:

Resistance matched: N/A

Lightning withstand: ITU-T @ 1.0KV

Helps equipment meet ITU-T K.20/K.21 specifications

Lead Material: 22 AWG Tin-Plated Copper

(0.65 mm [0.026"] nominal diameter)

Marking:

None

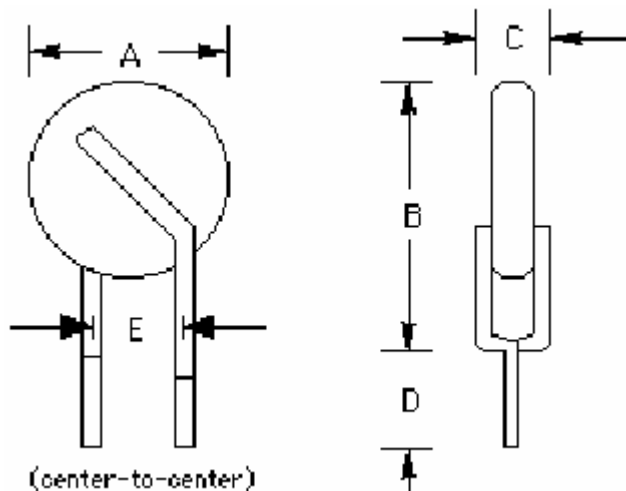


TABLE I. DIMENSIONS

	A		B		C		D		E
	Min	Max	Min	Max	Min	Max	Min	Max	Nom
mm:	--	4.8	--	9.30	--	3.8	4.7	--	5.0
in*:	--	(0.19)	--	(0.37)	--	(0.15)	(0.19)	--	(0.20)

*Rounded off approximation

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

HOLD CURRENT (A)	TRIP CURRENT (A)	RESISTANCE (Ω)			TIME TO TRIP(Sec) @ 0.35A		OPERATING TEMPERATURE (°C)		TRIPPED POWER DISSIPATION (W) TYP @ 60V _{DC}
		R MIN	R MAX	R _{1 MAX} *	TYP	MAX	MIN	MAX	
0.080	0.160	14.0	20.0	33.0	2.5	4.0	-40	85	0.6

*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 USE ONLY)	PACKAGING TYPE	NOTES
TRF250-080U	RF0125-000	Bulk	N/A
TRF250-080U-2	RF0530-000	Tape and Reel	Dim. D not applicable

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

