

Specification Status: Released

Operating Conditions at 20°C:

Maximum Continuous Operating Voltage (V_{MCO}): 60V_{DC}
Maximum Interrupt Current (I_{INT}): 3A_{RMS}

Fault Ratings at 20°C:

250V_{RMS}, 3A, 10 applications

Additional Info at 20°C:

- Resistance matched: n/a
- Lightning withstand: 1.0 kV per ITU-T K.20
- Helps equipment meet ITU-T K.20 Recommendations

Lead Material:

22 AWG Sn-Plated Copper (0.64 mm [0.025"] nominal diameter)

Marking:

None

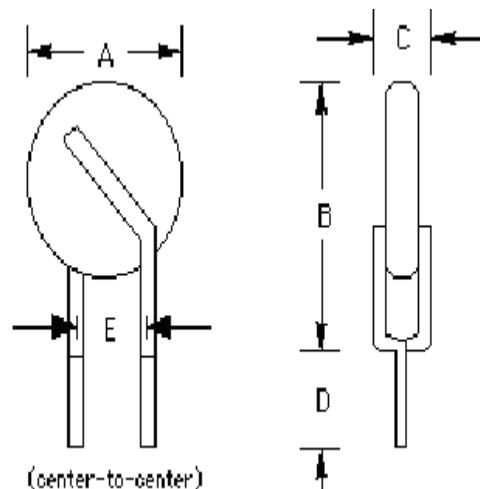


TABLE I. DIMENSIONS:

	A		B		C		D		E
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	NOM
mm:	--	4.8	--	9.3	--	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 (as measured in Loranger P/N 02901-032-6218A):

HOLD CURRENT ** (A)	TRIP CURRENT ** (A)	RESISTANCE (Ω)			TIME TO TRIP(Sec) @ 0.275A**		OPERATING TEMPERATUR E (°C)		TRIPPED POWER DISSIPATION (W) 60V _{DC} **	
		R MIN	R MAX	R ₁ MAX*	TYP	MAX	MIN	MAX	TYP	MAX
0.055	0.17	15.0	25.0	35.0	3.0	5.0	-40	85	0.6	0.7

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

** Dependent on heat sinking of mounting fixture

TABLE III. APPLICABLE PART DESCRIPTIONS :

PART DESCRIPTION	PACKAGING TYPE	NOTES
TRF250-055UT	Bulk	N/A

Agency Recognitions:

Reference Documents :

Precedence:

Effectivity:

CAUTION:

flame.

N/A

PS300, ITU-T K.20

This specification takes precedence over documents referenced herein.

Reference documents shall be the issue in effect on the date of invitation for bid.

Operation beyond the rated voltage or current may result in rupture, electrical arcing or

Materials Information

ROHS Compliant

ELV Compliant

Pb-Free

Directive 2002/95/EC
Compliant

Directive 2000/53/EC
Compliant



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