

Specification Status: Released

Maximum Operating Voltage: 250V_{AC}

Fault Ratings at 20°C:

250V_{AC}, 3A, 10 applications

600V_{AC}, 40A, 1 application

Lead Material:

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

Marking:

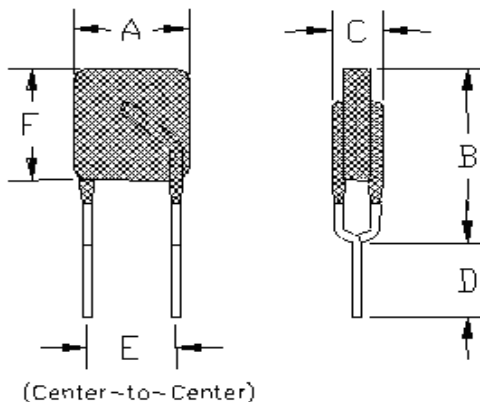
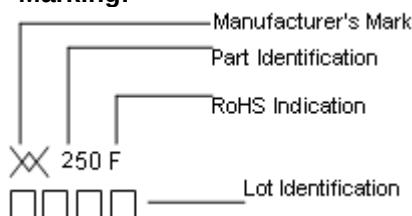


TABLE I. DIMENSIONS :

	A		B		C		D		E	F	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	NOM	MIN	MAX
mm:	--	15.0	--	14.5	--	4.6	4.7		5.0	--	10.0
in.*	--	(0.59)	--	(0.57)	--	(0.18)	(0.19)		(0.20)	--	(0.39)

*Rounded off approximation

TABLE II. PERFORMANCE RATINGS @ 20°C (as measured in Loranger sockets P/N 02901-032-6218A):

HOLD CURRENT (A)	TRIP CURRENT (A)	RESISTANCE (Ω)			TIME TO TRIP(Sec) @ 3.0A		OPERATING TEMPERATURE (°C)		TRIPPED POWER DISSIPATION (W) @ 250V _{AC}	
		R MIN	R MAX	R ₁ MAX*	TYP	MAX	MIN	MAX	TYP	MAX
0.250	0.850	1.0	4.3	7.0	1.0	10.0	-40	85	2.0	2.5

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

TABLE III. APPLICABLE PART DESCRIPTIONS :

PART DESCRIPTION	PACKAGING TYPE	NOTES
TRF600-250	Bulk	N/A

Agency Recognitions: UL, TUV, CSA

Reference Documents : PS300

Precedence: This specification takes precedence over documents referenced herein.1.9

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



PolySwitch®
PTC Devices
Overcurrent Protection Device

PRODUCT: TRF600-250

DOCUMENT: SCD28418
REV LETTER: A
REV DATE: JULY 26, 2016
PAGE NO.: 2 OF 2

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