

## Specification Status: Released

**Maximum Operating Voltage:** 250V<sub>DC</sub>
**Fault Ratings at 20°C:**

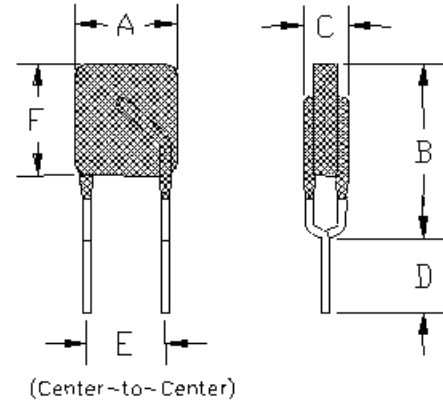
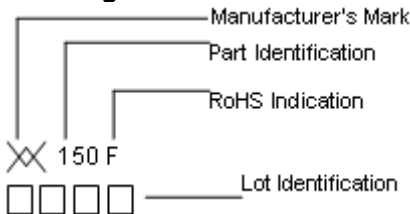
 250V<sub>AC</sub>, 3A, 10 applications  
 600V<sub>AC</sub>, 40A, 1 application

**Additional Info at 20°C:**

- Resistance matched: N/A
- Lightning withstand: TIA-968-A
- Helps equipment meet UL60950 (UL1459)

**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:	--	9.0	--	12.5	--	4.6	4.7	--	5.0	--	9.0
in.*	--	(0.35)	--	(0.49)	--	(0.18)	(0.19)	--	(0.20)	--	(0.35)

\*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) @ 1A		OPERATING TEMPERATURE (°C)		TRIPPED POWER DISSIPATION (W) @ 250V <sub>DC</sub>	
		R MIN	R MAX	R <sub>1 MAX</sub> *	TYP	MAX	MIN	MAX	TYP	MAX
0.150	0.300	9.0	12.0	22.0	1.0	3.0	-40	85	1.4	1.8

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

**TABLE III. APPLICABLE PART DESCRIPTIONS:**

PART DESCRIPTION	PACKAGING TYPE	NOTES
TRF600-150-RB	Bulk	N/A
TRF600-150-RB-2	Tape and Reel	Dim D not applicable

 Agency Recognitions:  
 Reference Documents:  
 Precedence:  
 Effectivity:  
 CAUTION:

 UL (File # E74889), CSA (File #CA-78165-7), TUV  
 PS300, PS500, UL60950, TIA-968A, GR1089  
 This specification takes precedence over documents referenced herein.1.9  
 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 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: TRF600-150-RB**

DOCUMENT: SCD26035  
REV LETTER: G  
REV DATE: JULY 26, 2016  
PAGE NO.: 2 OF 2

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