

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

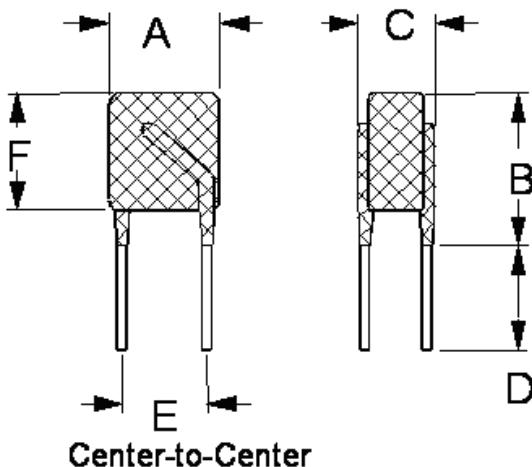
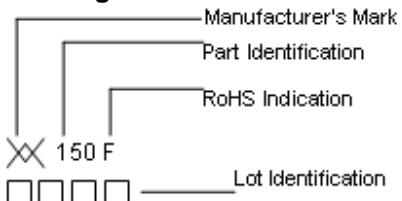
 250V<sub>AC</sub>, 3A, 10 applications  
 600V<sub>AC</sub>, 40A, 1 application

**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	--	11.5	--	4.6	4.7	--	5.0	--	9.0	
in: *	--	(0.35)	--	(0.45)	--	(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</sub> MAX*	TYP	MAX	MIN	MAX	TYP	MAX
0.150	0.300	6.0	10.0	17.0	1.4	4.0	-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
TRF600-150S	Bulk	N/A
TRF600-150S-2	Tape and Reel	Dim D not applicable

Agency Recognitions: UL (File # E74889), CSA (File #CA-78165-7), TUV

Reference Documents : PS300, PS500, UL60950, TIA-968A, GR1089

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




**PolySwitch®**  
**PTC Devices**  
**Overcurrent Protection Device**

**PRODUCT : TRF600-150S**

DOCUMENT : SCD26396

REV LETTER: F

REV DATE: JULY 26, 2016

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