

**Specification Status: Released & Restricted**

**Maximum Operating Voltage: 60V<sub>DC</sub>**

**Fault Ratings at 20°C:**  
250V<sub>RMS</sub>, 3A, 10 applications  
600V<sub>RMS</sub>, 40A, 1 application

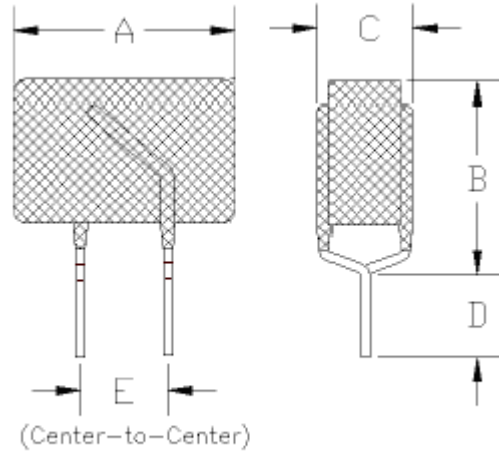
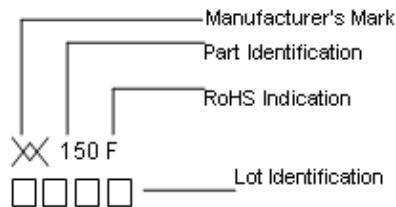
**Additional Info at 20°C:**

- Resistance matched: N/A
- Lightning withstand: TIA968 1.5 kV, 10/560µs
- Helps equipment meet UL60950 (UL1459)

**Lead Material:**  
22 AWG Sn Plated Copper (0.64 mm [0.025"] nominal diameter)

**External Coating Material:**  
Cured, flame retardant epoxy polymer, meeting UL94 V-0 requirements.

**Marking:**



**TABLE I. DIMENSIONS:**

mm:	A		B		C		D		E
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	NOM
	--	13.5	--	12.6	--	6.0	4.7	--	5.0
in:*	--	(0.53)	--	(0.50)	--	(0.24)	(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) @ 1A		OPERATING TEMPERATURE (°C)		TRIPPED POWER DISSIPATION (W) @60 V <sub>DC</sub>	
		R MIN	R MAX	R <sub>1</sub> MAX*	TYP	MAX	MIN	MAX	TYP	MAX
0.150	0.300	6.0	12.0	22.0	5.0	8.0	-40	85	1.4	1.7

\*Post Trip Resistance measured after one hour.

**TABLE III. APPLICABLE PART DESCRIPTIONS:**

PART DESCRIPTION	PACKAGING TYPE	NOTES
TR600-150F-EX	Bulk	N/A
TR600-150F-EX-2	Tape and Reel	Dim D not applicable

Agency Recognitions: UL (File #E74889) CSA (File #78165)  
 Reference Documents: PS300, UL60950 (UL1459)  
 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



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

**PRODUCT: TR600-150F-EX**

DOCUMENT: SCD26608  
REV LETTER: G  
REV DATE: JULY 26,2016  
PAGE NO.: 2 OF 2

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