

Specification Status: Released & Restricted

Maximum Operating Voltage: 60V_{DC}

Fault Ratings at 20°C:
250V_{RMS}, 3A, 10 applications
600V_{RMS}, 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:

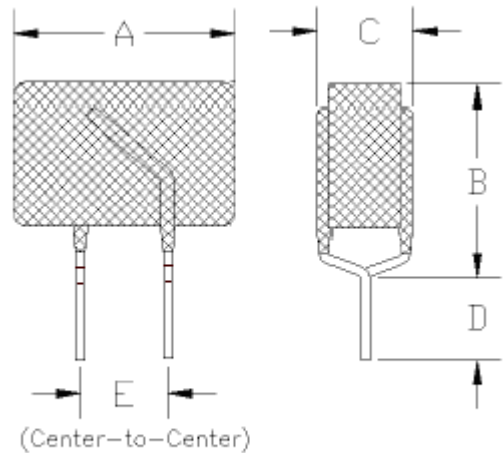
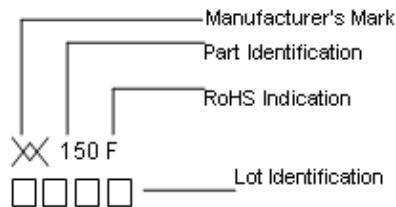


TABLE I. DIMENSIONS:

| 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 _{DC} | |
|------------------|------------------|----------------|-------|---------------------|------------------------|-----|----------------------------|-----|---|-----|
| | | R MIN | R MAX | R ₁ 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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