

**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

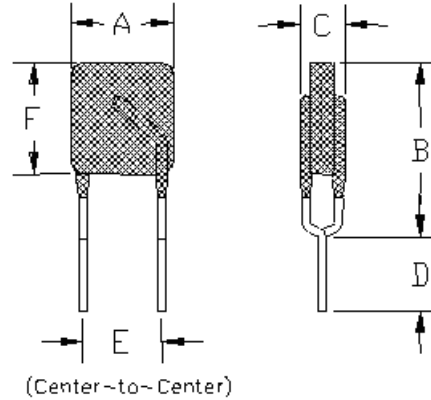
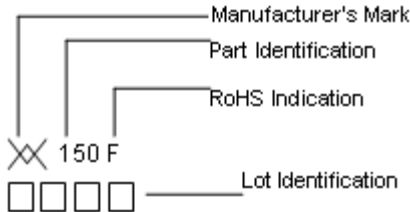
**Additional Info at 20°C:**

- Resistance matched: 0.5 Ohm
- 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            | 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                |
|--------------------|----------------|----------------------|
| TRF600-150-B-0.5   | Bulk           | N/A                  |
| TRF600-150-B-0.5-2 | 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. 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



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