

Specification Status: Released

Maximum Operating Voltage: 60 V_{DC}

Fault Ratings at 20°C:
250V_{AC}, 3A, 10 applications
600V_{AC}, 60A, 1 application

Additional Info at 20°C:

- Resistance matched: N/A
- Lightning withstand: GR1089 Levels 1 & 2
- Helps equipment meet UL60950 (UL1459) and GR1089

Terminal Material: Tin-Plated Brass

Case Material: 1000V Dielectric Rating

Marking:

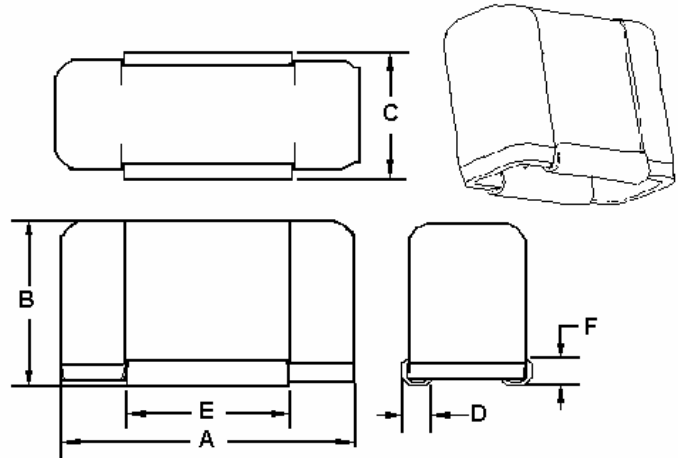
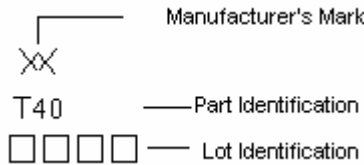


TABLE I. DIMENSIONS:

| | A | | B | | C | | D | | E | | F | |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX |
| mm: | 18.3 | 19.4 | 11.6 | 12.3 | 7.2 | 8.3 | 1.7 | 2.4 | 9.9 | 10.4 | 1.5 | 2.3 |
| in.* | (0.72) | (0.77) | (0.46) | (0.49) | (0.29) | (0.33) | (0.07) | (0.09) | (0.39) | (0.41) | (0.06) | (0.09) |

*Rounded off approximation

TABLE II. PERFORMANCE RATINGS @ 20°C (unless otherwise noted):

| HOLD CURRENT (A) | TRIP CURRENT (A) | RESISTANCE (Ω) | | | TIME TO TRIP(Sec) @ 3A | | OPERATING TEMPERATURE (°C) | | TRIPPED POWER DISSIPATION (W) TYP @ 60V _{DC} |
|------------------|------------------|----------------|-------|---------------------|------------------------|------|----------------------------|-----|---|
| | | R MIN | R Typ | R ₁ MAX* | TYP | MAX | MIN | MAX | |
| 0.400 | 1.000 | 0.5 | 1.1 | 2.0 | 5.0 | 14.0 | -40 | 85 | 2.0 |

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

TABLE III. APPLICABLE PART DESCRIPTIONS:

| PART DESCRIPTION | PCN # (INTERNAL USE ONLY) | PACKAGING TYPE | NOTE |
|------------------|---------------------------|----------------|------|
| TS600-400F | RF0309-000 | Bulk | N/A |

Agency Recognitions: UL (file #E74889), CSA (file #78165)
 Reference Documents: Raychem PS300, GR1089 specifications, UL60950
 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

