

**Specification Status: Released**

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

**Fault Ratings at 20°C:**  
250V<sub>AC</sub>, 3A, 10 applications  
600V<sub>AC</sub>, 60A, 1 application

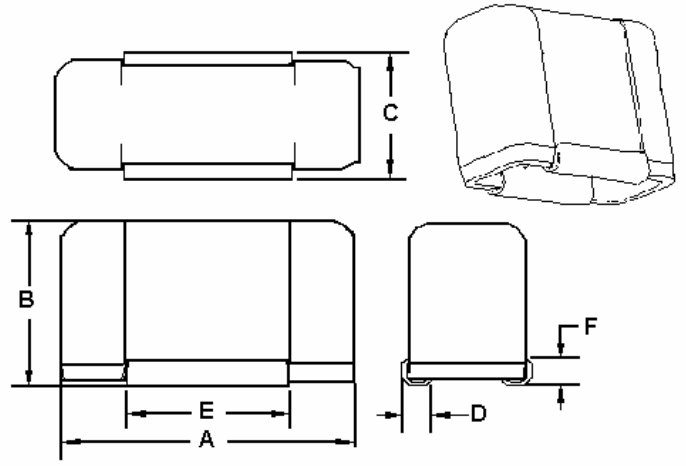
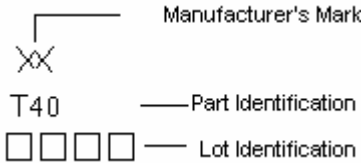
**Additional Info at 20°C:**

- 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 <sub>DC</sub>
		R MIN	R Typ	R <sub>1</sub> 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

