

**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:**

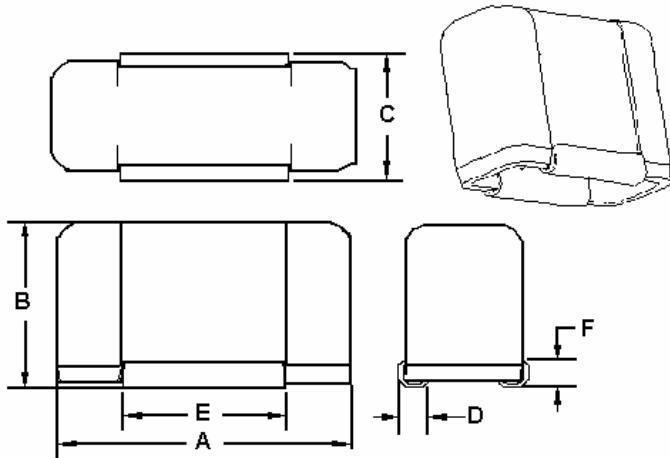
- Resistance matched: N/A
- Lightning withstand: GR1089 Levels 1 & 2
- Helps equipment meet UL60950 (UL1459) and GR1089

**Terminal Material:** Tin-Plated Brass

**Case Material:** 1000V Dielectric Rating

**Marking:**
 Manufacturer's Mark

 T40 — Part Identification

 Lot Identification

**TABLE I. DIMENSIONS:**

mm: in:*	A		B		C		D		E		F	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
18.3 (0.72)	19.4 (0.77)	11.6 (0.46)	12.3 (0.49)	7.2 (0.29)	8.3 (0.33)	1.7 (0.07)	2.4 (0.09)	9.9 (0.39)	10.4 (0.41)	1.5 (0.06)	2.3 (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)	
		R MIN	R Typ	R <sub>1</sub> MAX*	TYP	MAX	MIN	MAX	Typ @ 60V <sub>DC</sub>	
0.400	1.000	0.5		2.0	5.0		-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:

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

 Directive 2002/95/EC  
Compliant

 Directive 2000/53/EC  
Compliant




Expertise Applied | Answers Delivered

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

**PRODUCT: TS600-400F**

DOCUMENT: SCD26381

REV LETTER: H

REV DATE: JULY 26, 2016

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