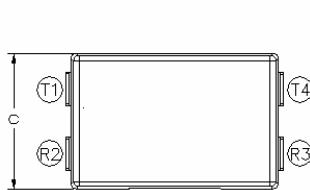


**Specification Status: Released**

**Maximum Operating Voltage:** 250V<sub>DC</sub>

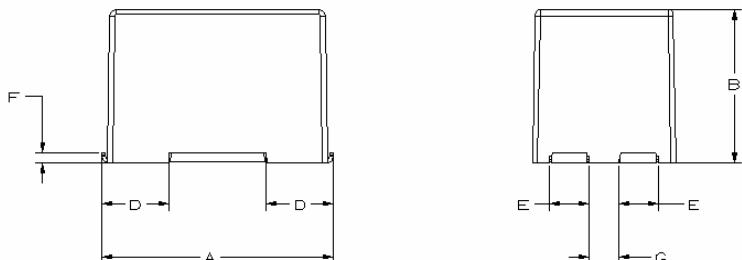
**Fault Ratings at 20°C:**

250V<sub>AC</sub>, 3A, 10 applications  
 600V<sub>AC</sub>, 60A, 1 application



**Additional Info at 20°C:**

- Resistance matched: 0.5 Ohm (measured 24 hours after reflow installation)
- Line Balance: Tested in accordance with IEEE455
- Helps equipment meet UL60950 (UL1459)



**Lead Material:** Tin plated brass

**Configuration:** Two PPTC devices per TSM600 part

**Case Material:**

Nylon Resin (UL94 V-0) 1000V dielectric rating

**Marking:**

 Manufacturer's Mark  
 TSM600-4 - Part Identification  
    Lot identification

**Terminal Description:**

T1 = Tip In T4 = Tip Out

R2 = Ring In R3 = Ring Out

**TABLE I. DIMENSIONS:**

	A MIN	A MAX	B MIN	B MAX	C MIN	C MAX	D MIN	D MAX	E MIN	E MAX	F MIN	F MAX	G MIN	G MAX
mm:	17.0	17.6	11.2	11.7	10.4	11.2	4.8	5.2	2.5	2.8	0.6	1.0	2.2	3.1
in:	(0.671)	(0.691)	(0.440)	(0.460)	(0.410)	(0.440)	(0.187)	(0.203)	(0.099)	(0.111)	(0.022)	(0.038)	(0.087)	(0.122)

**TABLE II. PERFORMANCE RATINGS @ 20°C:**

HOLD CURRENT (A)	TRIP CURRENT (A)	RESISTANCE (Ω)**			TIME TO TRIP(Sec) @ 3A		OPERATING TEMPERATURE (°C)		TRIPPED POWER DISSIPATION (W) @ 250V <sub>DC</sub>		
		R MIN	R TYP	R <sub>1</sub> MAX*	TYP	MAX	MIN	MAX	TYP		
0.400	1.000	0.5	1.1	2.0	5.0	14.0	-40	85		2.0	

\*Maximum device resistance, measured 1-hour post reflow or post trip

\*\* Resistance per PPTC device.

Storage Humidity:

Per IPC/JEDEC J-STD-020A Level 2a

Agency Recognitions:

UL (File # E74889)

Reference Documents:

PS300, PS500

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.

**MATERIALS INFORMATION**

**ROHS Compliant**

Directive 2002/95/EC  
Compliant

**ELV Compliant**

Directive 2000/53/EC  
Compliant

**Pb-Free**

