

Specification Status: RELEASED

Max Electrical Rating at 20°C

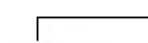
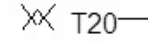
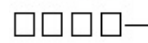
 Operating Voltage: **60V_{DC}**

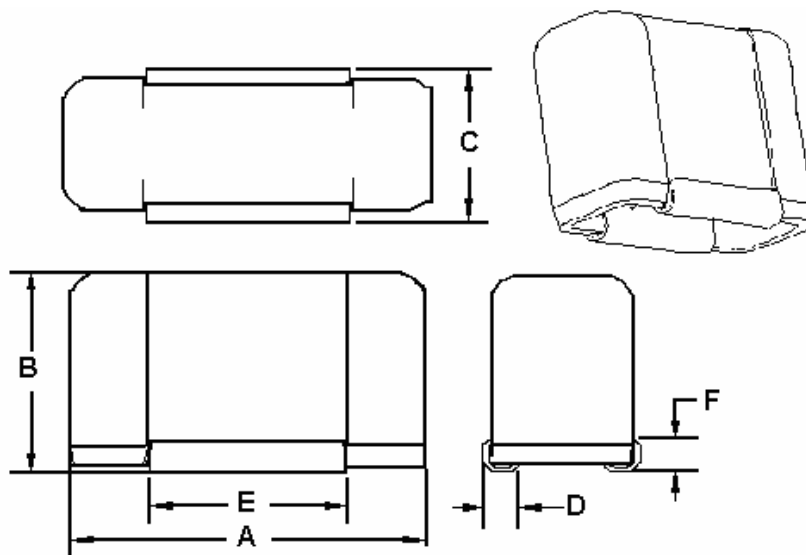
 Interrupt Current: **3A_{RMS}**

 Fault Voltage: **600V_{RMS}**
Terminal Material: Tin plated brass

Case Material: 1000 V Dielectric rating

Marking:

 Manufacturer's Mark
 Part Identification
 Lot Identification


TABLE I. DIMENSIONS:

	A		B		C		D		E		F	
mm:	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
in*:	18.29	19.43	11.56	12.32	7.24	8.26	1.65	2.41	9.91	10.41	1.52	2.29
	(0.720)	(0.765)	(0.455)	(0.485)	(0.285)	(0.325)	(0.065)	(0.095)	(0.390)	(0.410)	(0.060)	(0.090)

*Rounded off approximation

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

IHOLD (A)		RESISTANCE (Ω)				TIME TO TRIP (s) @ 1A TYP	OPERATING Temperature (°C)		Power Dissipation Watts, Typical
20°C	70°C	R MIN	R MAX	R ₁ Inst*	R ₁ MAX**		MIN	MAX	
0.170	0.090	4.0	9.0	18.0	18.0	10	-40	85	2.5

*Post Reflow Resistance, measured after one hour.

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

 Agency Recognitions:
 Reference Documents:
 Precedence:
 Effectivity:
 CAUTION:

 CSA, UL Recognition file #E74889
 PS300

 This specification takes precedence over documents referenced herein.
 Reference documents shall be the issue in effect on the date of invitation for bid.
 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


PolySwitch®
PTC Devices
Overcurrent Protection Device

PRODUCT: TS600-170F

DOCUMENT: SCD26004
REV LETTER: D
REV DATE: JULY 26, 2016
PAGE NO.: 2 OF 2

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