

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
XX T20 — Part Identification
□□□□ — Lot Identification

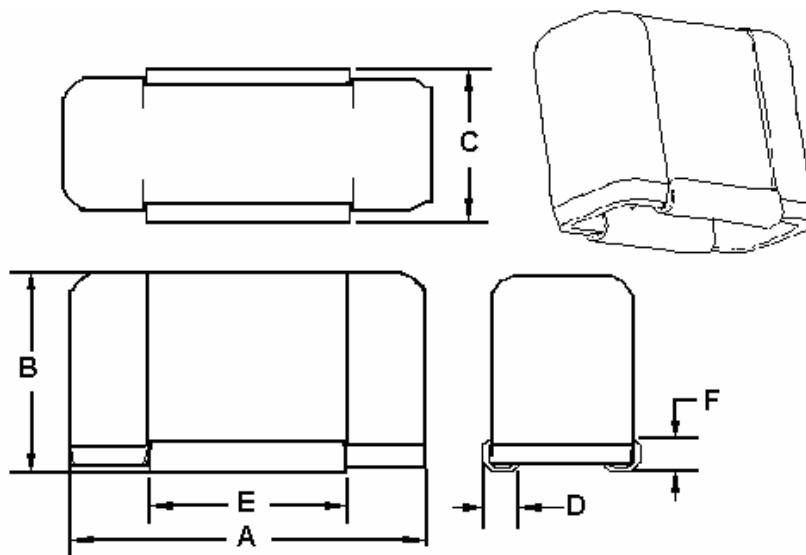


TABLE I. DIMENSIONS:

	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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