

Tyco / Electronics
Raychem Circuit Protection
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 Menlo Park, CA 94025
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PolySwitch®
PTC Devices
 Overcurrent Protection Device

PRODUCT: TR600-160-R1

DOCUMENT: SCD 24993
 PCN: 792256
 REV LETTER: A
 REV DATE: MARCH 29, 2002
 PAGE NO.: 1 OF 1

Specification Status: Released

Max Electrical Rating at 20°C

Operating Voltage: 250V_{DC}
Fault Voltage: 600V_{RMS}
Interrupt Current: 3A_{RMS}

Lead Material :
 22 AWG Sn/Pb plated copper

Marking:

Raychem Logo and Voltage
 X 600
 160 — Part Identification
 □ □ □ □ — Lot Identification

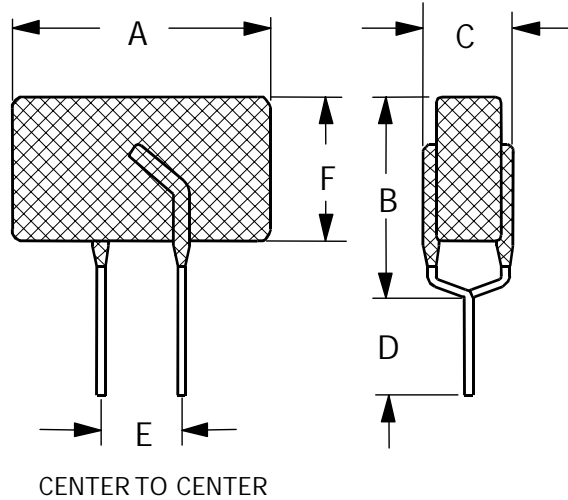


TABLE I. DIMENSIONS:

	A		B		C		D		E	F	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	NOM	MIN	MAX
mm:	--	16.0	--	12.6	--	6.0	2.4	--	5.0	--	10.0
in:	--	(0.630)	--	(0.496)	--	(0.236)	(0.095)	--	(0.197)	--	(0.394)

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

IHOLD (A)		RESISTANCE (Ω)			TYPICAL TIME TO TRIP (s) @ 1A TYP	OPERATING TEMPERATURE (°C)	
20°C	60°C	R MIN	R MAX	R _{1 MAX} *		MIN	MAX
0.160	0.100	4.0	8.0	17.0	9.0	-40	85

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

Storage Temperature: -40° to 85°C

Agency Recognition: UL, CSA
 Reference Documents: PS300
 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.