

Tyco / Electronics
Raychem Circuit Protection
 308 Constitution Drive
 Menlo Park, CA 94025-1164
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PolySwitch®
PTC Devices
 Overcurrent Protection Device

PRODUCT: TR600-160

DOCUMENT: SCD 22470
 PCN: 934973
 REV LETTER: N
 REV DATE: MAY 15, 2003
 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

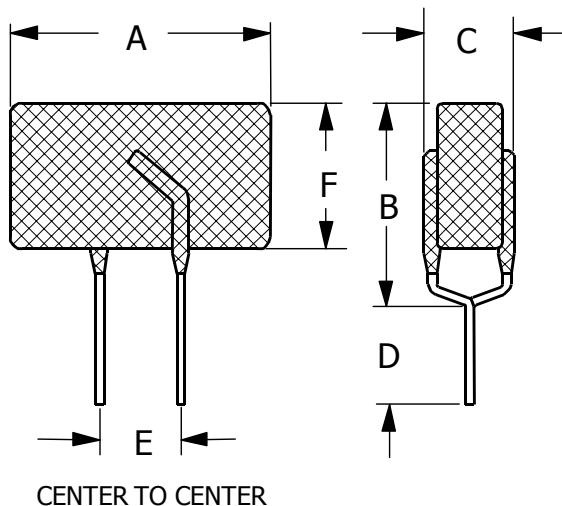


TABLE I. DIMENSIONS:

	A		B		C		D		E	F
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	NOM	MAX
mm:	--	16.0	--	12.6	--	6.0	4.7	--	5.0	10.0
in:	--	(0.630)	--	(0.496)	--	(0.236)	(0.185)	--	(0.197)	(0.394)

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

IHOLD (A)		RESISTANCE (Ω)			TIME TO TRIP (s) @ 1A		OPERATING TEMPERATURE (°C)	
20°C	60°C	R MIN	R MAX	R _{1 MAX} *	TYP	MAX	MIN	MAX
0.160	0.100	4.0	10.0	18.0	7.5	18.0	-40	85

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

Agency Recognition:
 Reference Documents:
 Precedence:
 Effectivity:
 CAUTION:

UL, CSA
 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.