

Tyco / Electronics
Raychem Circuit Protection
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PolySwitch®
PTC Devices
 Overcurrent Protection Device

PRODUCT: TR600-160-RA

DOCUMENT: SCD 24953
 PCN: 041478
 REV LETTER: C
 REV DATE: MAY 23, 2006
 PAGE NO.: 1 OF 1

Specification Status: RELEASED

Max Electrical Rating at 20°C

Operating Voltage: 250V_{DC}

Interrupt Current: 3A_{RMS}

Fault Voltage: 600V_{RMS}

Lead Material: 22 AWG Sn/Pb plated copper
 (0.65 mm [0.026"] nominal diameter)

External Coating Material: Cured, flame
 retardant epoxy polymer, meeting UL94 V-0
 requirements

Marking:

Raychem Logo
 Part Identification
 RoHS Indication
 XX 160
 Lot Identification

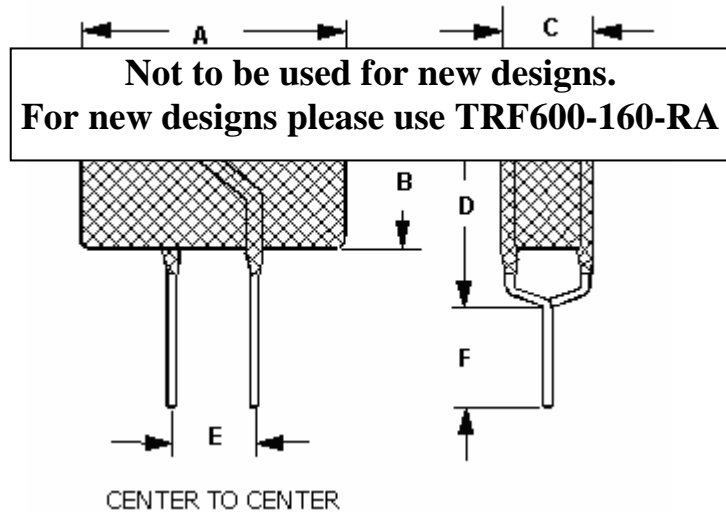


TABLE I. DIMENSIONS:

	A		B		C		D		E	F	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	NOM	MIN	MAX
mm:	--	16.0	--	12.6	--	6.0	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):

I _{HOLD} (A)	I _{TRIP} (A)	RESISTANCE (Ω)			TIME TO TRIP (s) @ 1A	OPERATING TEMPERATURE (°C)	
		R MIN	R MAX	R _{1 MAX} *		MIN	MAX
0.160	0.320	4.0	7.0	16.0	9.5	-40	85

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

Storage Temperature: -40° to 85°C

Designed to assist equipment meet UL60950

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.