

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

PRODUCT: TR250-080T

DOCUMENT: SCD 24914
 PCN: 732936
 REV LETTER: A
 REV DATE: NOVEMBER 13, 2001
 PAGE NO.: 1 OF 1

Specification Status: RELEASED

Max Electrical Rating at 20°C

Operating Voltage: 60V_{DC}
Fault Voltage: 250V_{RMS}
Interrupt Current: 3A_{RMS}

Lead Material : 22 AWG Sn/Pb plated copper

Marking:

- Raychem Logo
- Part Identification
- Lot Identification

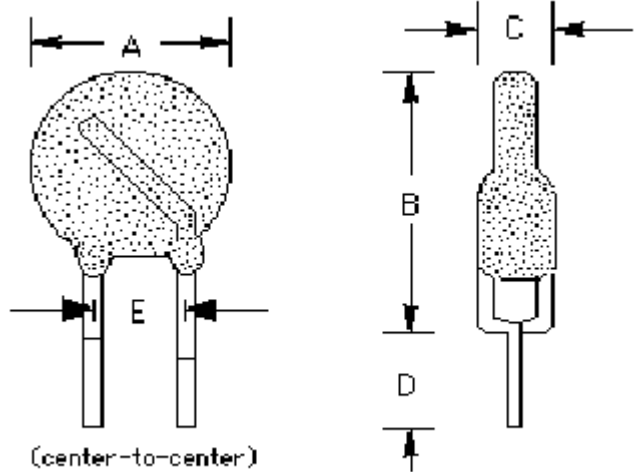


TABLE I. DIMENSIONS

	A		B		C		D		E
	Min	Max	Min	Max	Min	Max	Min	Max	Nom
mm:	--	5.8	--	9.9	--	4.6	4.7	--	5.0
in*:	--	(0.228)	--	(0.390)	--	(0.181)	(0.185)	--	(0.197)

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

IHOLD (A)	RESISTANCE (Ω) @ 20° C			TIME TO TRIP @ 0.35A Seconds, MAX	OPERATING TEMPERATURE (°C)	
	R MIN	R MAX	R ₁ MAX*		MIN	MAX
20°C						
0.080	15	22	33	3	-40	85

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

Storage Temperature: -40° to 85° C

Agency Recognition: UL, CSA, TUV
 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.