

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

PRODUCT: RHE050S

DOCUMENT: SCD 25472
 PCN: A14381
 REV LETTER: C
 REV DATE: OCTOBER 4, 2004
 PAGE NO.: 1 OF 1

Specification Status: RELEASED

Electrical Rating

Voltage: 30V MAX
Current: 40A MAX

Insulating Material:

Cured, Flame Retardant Epoxy Polymer
 meets UL94 V-0 Requirements

Lead Material:

24 AWG Tin/Lead Plated Copper Clad Steel

Marking:

- Raychem Logo and Voltage
- ⊗ 30
- H0.5 — Part Identification
- □ □ □ — Lot Identification (can be on back)

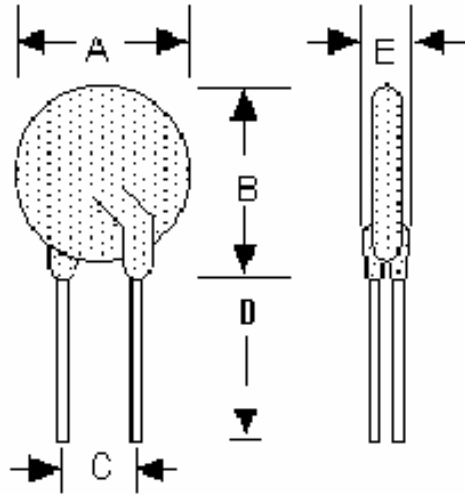


TABLE I. DIMENSIONS:

	A		B		C		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	--	7.4	--	10.0	4.3	5.8	7.6	--	--	3.0
in*:	--	(0.29)	--	(0.39)	(0.17)	(0.23)	(0.3)	--	--	(0.12)

*Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

I HOLD RATED CURRENT	CURRENT RATINGS		TIME TO TRIP	INITIAL RESISTANCE VALUES		ONE-HOUR POST-TRIP RESISTANCE STANDARD TRIP	NOMINAL TRIPPED POWER DISSIPATION
AMPS AT 25°C HOLD	AMPS AT 25°C HOLD	AMPS AT 25°C TRIP	SECONDS AT 25°C, 2.5A MAX	OHMS AT 25°C MIN	OHMS AT 25°C MAX	OHMS AT 25°C MAX	WATTS AT 25°C 30V
0.50	0.50	0.92	2.5	0.48	0.78	1.1	0.9

Agency Recognitions:
 Reference Documents:
 Precedence:
 Effectivity:
 CAUTION:

UL, CSA, TUV
 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.