

Tyco/Electronics**Raychem Circuit Protection**

308 Constitution Drive
Menlo Park, CA 94025-1164
800-227-4856
FAX 800-227-4866

PolySwitch®**PTC Devices****Overcurrent Protection Device****PRODUCT: RHE070**

DOCUMENT: SCD 24586

PCN: 112938

REV LETTER: E

REV DATE: OCTOBER 8, 2001

PAGE NO.: 1 OF 1

Specification Status: RELEASED**Electrical Rating****Voltage: 16V_{DC} MAX****Current: 40A MAX****INSULATING MATERIAL:**

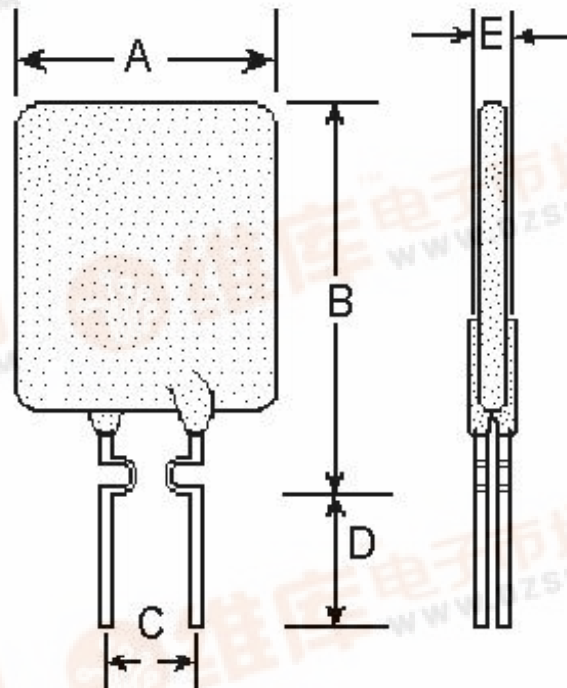
Cured, Flame Retarded Epoxy Polymer
meets UL94 V-0 Requirements

LEAD MATERIAL:

24 AWG Tin/Lead Plated Copper Clad Steel

PART MARKING:

Raychem Logo
and Voltage
× 16
H0.7 — Part Identification
□ □ □ □ — Lot Identification
(can be on back)

**TABLE I. DIMENSIONS:**

	A		B		C		D		E		F
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	TYP
mm:	--	6.86	--	10.80	4.31	5.84	7.62	--	--	3.04	1.27
in*:	--	(0.270)	--	(0.425)	(0.170)	(0.230)	(0.300)	--	--	(0.120)	(0.05)

*Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

I HOLD	CURRENT RATINGS		TIME TO TRIP	RESISTANCE		TRIPPED-STATE POWER DISSIPATION
AMPS 25°C	AMPS AT 25°C		SECONDS AT 25°C, 3.5 A	OHMS AT 25°C		WATTS AT 25°C, 16V
HOLD	HOLD	TRIP	MAX	MIN	MAX	TYP
0.70	0.70	1.40	4.0	0.3	0.8	1.4

Recognitions:

Reference Documents:

Precedence:

Effectivity:

CAUTION:

UL, TUV, CSA recognized.

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.

