

Tyco/Electronics

Raychem Circuit Protection

308 Constitution Drive
 Menlo Park, CA 94025
 800-227-4856
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PolySwitch®

PTC Devices

Overcurrent Protection Device

PRODUCT: RHE600

DOCUMENT: SCD 24258
 PCN: 626189
 REV LETTER: F
 REV DATE: OCTOBER 8, 2001
 PAGE NO.: 1 OF 1

Specification Status: RELEASED

Electrical Rating

Voltage: 16V MAX

Current: 100A MAX

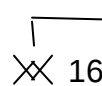
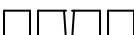
INSULATING MATERIAL:

Cured, Flame Retarded Epoxy Polymer

LEAD MATERIAL:

20 AWG Tin/Lead Plated Copper
 (0.8 mm [0.032] nom. diameter)

PART MARKING:

 Raychem Logo and Voltage
 Part Identification
 Lot Identification (can be on back)

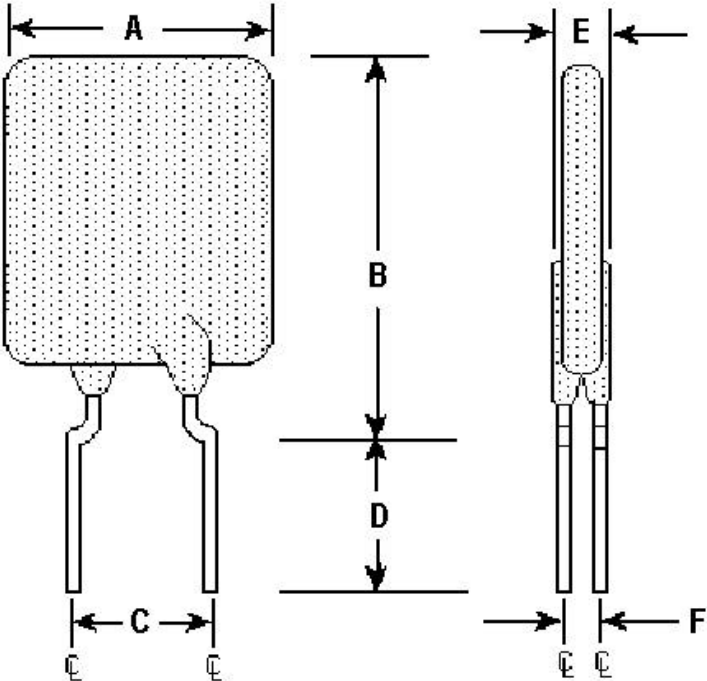


TABLE I. DIMENSIONS:

	A		B		C		D		E		F
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	TYP
mm:	--	11.2	--	21.0	4.3	5.8	7.6	--	--	3.0	1.2
in*:	--	(0.44)	--	(0.83)	(0.17)	(0.23)	(0.30)	--	--	(0.12)	(0.05)

*Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

I HOLD	CURRENT RATINGS						TIME TO TRIP	RESISTANCE		TRIPPED-STATE POWER DISSIPATION
AMPS 25°C HOLD	AMPS AT 0°C		AMPS AT 25°C		AMPS AT 60°C		SECONDS AT 25°C, 30 A MAX	OHMS AT 25°C		WATTS AT 25°C TYP
	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP		MIN	MAX	
6.00	--	--	6.0	10.8	--	--	5.0	0.013	0.032	4.1

Recognitions: UL, TUV, CSA recognized.
 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.