

PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: RHEF200

DOCUMENT: SCD25634

REV LETTER: E

REV DATE: JULY 26, 2016

PAGE NO.: 1 OF 2

Specification Status: Released

Electrical Rating

Voltage: 16V_{DC} MAX **Current: 100A MAX**

Insulating Material:

Cured, Flame Retardant Epoxy Polymer

meets UL94 V-0 Requirements

Lead Material:

24 AWG Tin Plated Copper Clad Steel

Part Marking:

Manufacturer's Mark and Part Identification \times H2

Lot Identification

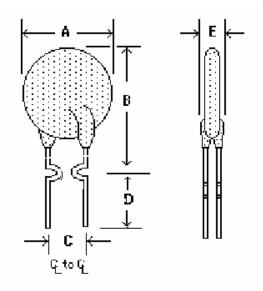


TABLE I. DIMENSIONS:

	A		В		С		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:		9.4		14.4	4.3	5.8	7.6			3.1
in*:		(0.37)		(0.57)	(0.17)	(0.23)	(0.30)			(0.12)

^{*}Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

I HOLD RATED CURRENT	ED RATINGS		TIME TO TRIP	INITIAL RESISTANCE VALUES		ONE-HOUR POST-TRIP RESISTANCE	NOMINAL TRIPPED POWER
AMPS	AMF	'S AT	SECONDS AT	OHMS		STANDARD TRIP OHMS	DISSIPATION WATTS AT
AT 25°C HOLD	25°C HOLD TRIP		25°C,10.0A MAX	AT 25°C MIN MAX		AT 25°C MAX	25°C 16V TYP
HOLD	ПОГР	IKIP	IVIAA	IVIIIN		IVIAA	117
2.0	2.0	3.8	4.3	0.045	0.074	0.11	1.4

Agency Recognitions: 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.

Materials Information

ROHS Compliant ELV Compliant Pb-Free Halogen Free*

Directive 2002/95/EC

Directive 2000/53/EC Compliant





^{*} Halogen Free refers to: Br≤900ppm, Cl≤900ppm, Br+Cl≤1500ppm.



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