

PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: RHEF050

DOCUMENT: SCD25583

REV LETTER: E

REV DATE: July 26,2016 PAGE NO.: 1 OF 2

Specification Status: Released

Voltage: 30V MAX
Current: 40A 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

MH0.5 and Part Identification

_____ Lot Identification

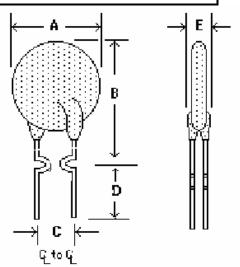


TABLE I. DIMENSIONS:

	Α		В		С		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:		7.4		12.7	4.3	5.8	7.6			3.0
in*:	-	(0.29)		(0.50)	(0.17)	(0.23)	(0.30)	1		(0.12)

^{*}Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

I HOLD RATED CURRENT		RENT INGS	TIME TO TRIP	RESIS	TIAL TANCE UES	ONE-HOUR POST-TRIP RESISTANCE STANDARD TRIP	NOMINAL TRIPPED POWER DISSIPATION
AMPS AT 25°C HOLD		S AT 5°C TRIP	SECONDS AT 25°C, 2.5A MAX		MS 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: 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 Compliant Directive 2000/53/EC Compliant





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



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