

308 Constitution Drive Menlo Park, CA USA www.circuitprotection.com

## **PolySwitch**® **PTC Devices**

**Overcurrent Protection Device** 

**PRODUCT: RHEF070** 

DOCUMENT: SCD25203 **REV LETTER: F** REV DATE: JANUARY 04, 2013 PAGE NO.: 1 OF 1

# **Specification Status: Released**

#### Electrical Rating Voltage: 30V<sub>DC</sub> MAX Current: 40A MAX

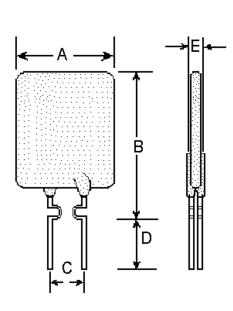
Insulating Material: Cured, Flame Retardant Epoxy Polymer meets UL94 V-0 Requirements

Lead Material : 24 AWG Tin Plated Copper Clad Steel

Marking:

Manufacturer's Mark

 $\times$  H0.7 and Part Identification



Lot Identification

#### **TABLE I. DIMENSIONS:**

	A		В		С		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:		6.9		10.8	4.3	5.8	7.6			3.0
in*:	-	(0.27)		(0.43)	(0.17)	(0.23)	(0.30)			(0.12)

\*Rounded off approximation

### **TABLE II. PERFORMANCE RATINGS :**

I HOLD RATED CURRENT	CURI RATI	RENT NGS	RESIS	ITIAL STANCE LUES	TIME TO TRIP	R <sub>1 MAX</sub> 1 HR. POST TRIP RESISTANCE STANDARD TRIP	TRIPPED- STATE POWER DISSIPATION
AMPS	AMPS		OHMS		SECONDS AT	OHMS	WATTS
AT 25°C	AT 25°C		AT 25°C		25°C, 3.5 A	AT 25°C	AT 25°C
HOLD	HOLD	TRIP	MIN	MAX	MAX	MAX	TYP
0.70	0.70	1.40	0.30	0.54	3.2	0.8	1.4

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.

## **Materials Information**

**ROHS Compliant** 



**Pb-Free** 

**Halogen Free\*** 











\* Halogen Free refers to: Br≤900ppm, Cl≤900ppm, Br+Cl≤1500ppm.

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