

## PolySwitch® PTC Devices

**Overcurrent Protection Device** 

PRODUCT: RHEF1400

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# **Specification Status: Released**

#### Electrical Rating Voltage: 16V<sub>DC</sub> MAX Current: 100A MAX

Insulating Material:

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

Lead Material:

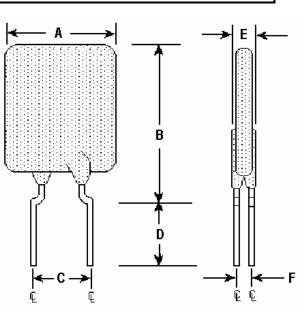
18 AWG Tin Plated Copper (1.0 mm [0.04] nom. diameter)

Marking:

Manufacturer's Mark

₩ H14 and Part Identification

Lot Identification



#### TABLE I. DIMENSIONS:

	А		В		С		D		E		F
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	TYP
mm:		23.5		28.6	9.4	10.9	7.6			3.6	1.4
in*:	-	(0.93)		(1.13)	(0.37)	(0.43)	(0.3)			(0.14)	(0.06)

\*Rounded off approximation

#### TABLE II. PERFORMANCE RATINGS:

I HOLD	CURRENT		TIME TO	INITIAL		ONE-HOUR	NOMINAL TRIPPED					
RATED	RATINGS		TRIP	TRIP RESISTA		POST-TRIP	POWER					
CURRENT				VALUES		RESISTANCE	DISSIPATION					
						STANDARD TRIP						
AMPS	AMPS AT		SECONDS AT	OHMS		OHMS	WATTS AT					
AT 25°C	25°C		25°C, 70A	AT 25°C		AT 25°C	25°C 16V					
HOLD	HOLD	TRIP	MAX	MIN	MAX	MAX	TYP					
14.0	14.0	27.0	13.0	0.003	0.006	0.009	6.9					

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**







**ELV Compliant** 





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



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