

PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: RHEF1500

DOCUMENT: SCD25211

REV LETTER: F

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

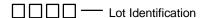
Lead Material:

18 AWG Tin Plated Copper

Marking:

— Manufacturer's Mark

H15 and Part Identification



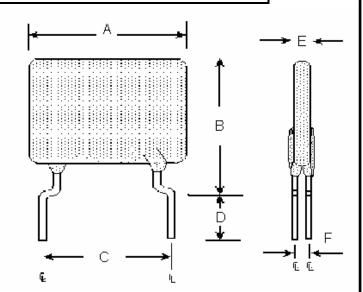


TABLE I. DIMENSIONS:

	Α		В		С		D		E		F
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	TYP
mm:		23.5		28.7	9.4	10.9	7.6			3.6	1.4
in*:		(0.925)		(1.13)	(0.37)	(0.43)	(0.30)			(0.14)	(0.06)

^{*}Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

I HOLD RATED CURRENT	CURRENT RATINGS		TIME TO TRIP	INITIAL RESISTANCE VALUES		ONE-HOUR POST-TRIP RESISTANCE STANDARD TRIP	NOMINAL TRIPPED POWER DISSIPATION	
AMPS AT 25°C HOLD	AMPS AT 25°C HOLD TRIP		SECONDS AT 25°C,75A MAX		HMS 25°C MAX	OHMS AT 25°C MAX	WATTS AT 25°C 16V TYP	
15.0	15.0	28.0	20.0	0.0032	0.00613	0.0092	7.0	

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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