

PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: RHEF700

DOCUMENT: SCD26362

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:

20 AWG Tin Plated Copper (0.8 mm [0.032] nom. diameter)

Marking:

Manufacturer's Mark
 and Part Identification

□□□□ — Lot Identification

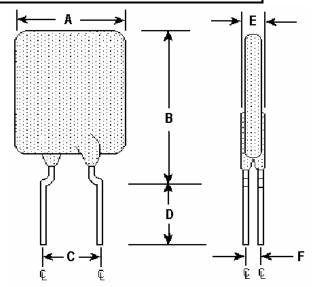


TABLE I. DIMENSIONS:

	Α		В		С		D		Е		F
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	TYP
mm:		14.0		21.9	4.3	5.8	7.6			3	1.2
in*:		(0.55)		(0.86)	(0.17)	(0.23)	(0.3)		-	(0.12)	(0.05)

^{*}Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

I HOLD	CURRENT		TIME TO	INITIAL		ONE-HOUR	NOMINAL
RATED	RATI	NGS	TRIP	RESIS	TANCE	POST-TRIP	TRIPPED
CURRENT				VALUES		RESISTANCE	POWER
						STANDARD	DISSIPATION
						TRIP	
AMPS	AMPS AT		SECONDS AT	OHMS		OHMS	WATTS AT
AT 25°C	25°C		25°C, 35A	AT 25°C		AT 25°C	25°C 16V
HOLD	HOLD	TRIP	MAX	MIN	MAX	MAX	TYP
7.0	7.0	13.0	7.0	0.010	0.0164	0.025	4.0

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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