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PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: RHEF700

DOCUMENT: SCD26362
REV LETTER: E
REV DATE: JULY 26, 2016

Specification Status: Released

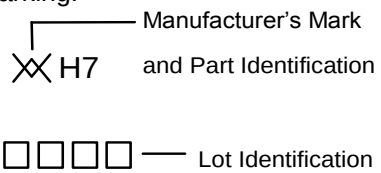
Electrical Rating

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:



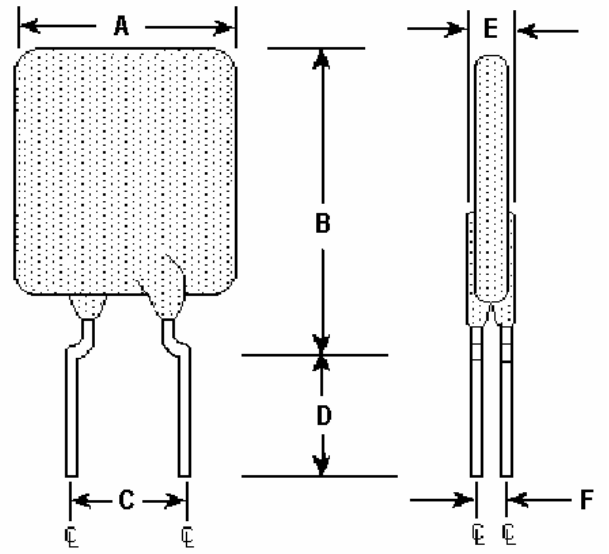


TABLE I. DIMENSIONS:

	A		B		C		D		E		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 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, 35A MAX	OHMS AT 25°C MIN	MAX	OHMS AT 25°C MAX	WATTS AT 25°C 16V 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 — Directive 2002/95/EC Compliant

ELV Compliant — Directive 2000/53/EC Compliant

Pb-Free

Halogen Free*

HF

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

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Specifications are subject to change without notice.
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