

PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: RHEF1100

DOCUMENT: SCD26364
PCN: RF0134
REV LETTER: D
REV DATE: MAY 13, 2011
PAGE NO.: 1 OF 1

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 Voltage
 Part Identification
 Lot Identification
(can be on back)

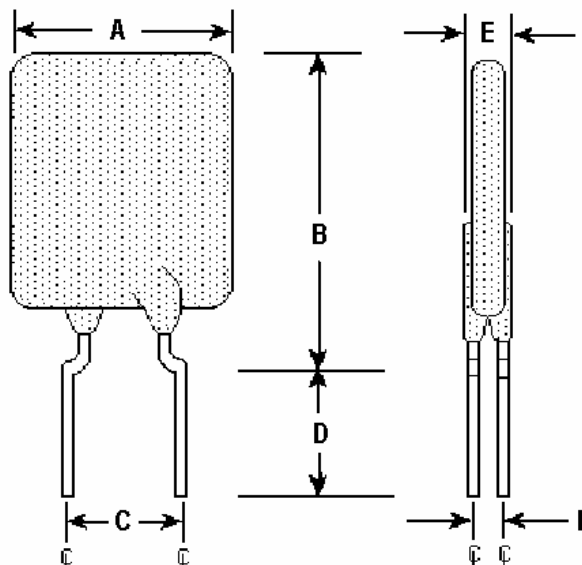


TABLE I. DIMENSIONS:

	A		B		C		D		E		F
mm:	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	TYP
in*:	--	21.0	--	26.1	9.4	10.9	7.6	--	--	3	1.2
	--	(0.83)	--	(1.03)	(0.37)	(0.43)	(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, 55A MAX	OHMS AT 25°C MIN	OHMS AT 25°C MAX	OHMS AT 25°C MAX	WATTS AT 25°C 16V TYP
11.0	11.0	20.0	11.0	0.0055	0.009	0.013	5.5

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

ELV Compliant

Pb-Free

Directive 2002/95/EC
Compliant

Directive 2000/53/EC
Compliant

