

PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: RHEF100

DOCUMENT: SCD25584
PCN: D76110
REV LETTER: D
REV DATE: MAY 14, 2011
PAGE NO.: 1 OF 1

Specification Status: RELEASED




Electrical Rating

Voltage: 30V_{DC} MAX
Current: 40A MAX

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

Lead Material:
24 AWG Tin Plated Copper Clad Steel

Part Marking:

- 
Manufacturer's Mark and Voltage
- 
Part Identification
- 
Lot Identification (can be on back)

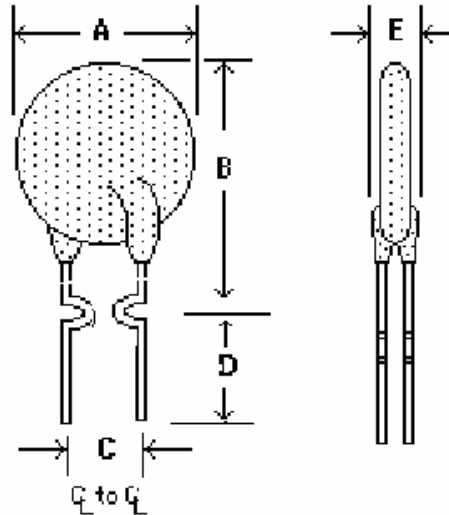


TABLE I. DIMENSIONS:

| | A | | B | | C | | D | | E | |
|------|-----|--------|-----|--------|--------|--------|--------|-----|-----|--------|
| | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX |
| mm: | -- | 9.7 | -- | 13.6 | 4.3 | 5.8 | 7.6 | -- | -- | 3.0 |
| in*: | -- | (0.38) | -- | (0.54) | (0.17) | (0.23) | (0.30) | -- | -- | (0.12) |

*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 TRIP | | SECONDS AT 25°C, 5.0A MAX | OHMS AT 25°C MIN | | |
| 1.0 | 1.0 | 1.8 | 5.2 | 0.18 | 0.30 | 0.43 | 1.4 |

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 Information4

ROHS Compliant

ELV Compliant

Pb-Free

Directive 2002/95/EC
Compliant

Directive 2000/53/EC
Compliant

