

Tyco / Electronics
Raychem Circuit Protection
 308 Constitution Drive
 Menlo Park, CA 94025-1164
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PolySwitch®
PTC Devices
 Overcurrent Protection Device

PRODUCT: RHEF200

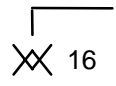

DOCUMENT: SCD 25634
 PCN: A05861
 REV LETTER: B
 REV DATE: OCTOBER 5, 2004
 PAGE NO.: 1 OF 1

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:
 24 AWG Tin Plated Copper Clad Steel

Part Marking:
 Raychem Logo and Voltage
 HF2.0 — Part Identification
 Lot Identification (can be on back)

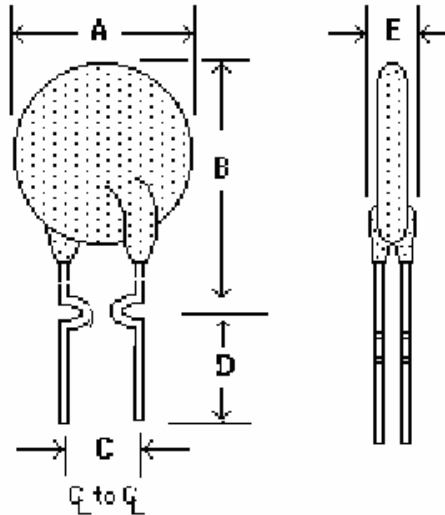


TABLE I. DIMENSIONS:

| | A | | B | | C | | D | | E | |
|------|-----|--------|-----|--------|--------|--------|--------|-----|-----|--------|
| | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX |
| mm: | -- | 9.4 | -- | 14.4 | 4.3 | 5.8 | 7.6 | -- | -- | 3.1 |
| in*: | -- | (0.37) | -- | (0.57) | (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 HOLD TRIP | | SECONDS AT 25°C, 10.0A MAX | OHMS AT 25°C MIN MAX | | |
| 2.0 | 2.0 | 3.8 | 4.3 | 0.045 | 0.074 | 0.11 | 1.4 |

Agency Recognitions:
 Precedence:
 Effectivity:
 CAUTION:

UL, CSA, TUV Reference Documents: 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

