

Tyco / Electronics
Raychem Circuit Protection
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PolySwitch®
PTC Devices
 Overcurrent Protection Device

PRODUCT: RXEF020

DOCUMENT: SCD 25215
 PCN: E76239
 REV LETTER: C
 REV DATE: APRIL 7, 2005
 PAGE NO.: 1 OF 1

Specification Status: Released

Electrical Rating

Voltage: 72V 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

Marking:

- Raychem Logo and Voltage
- ⊗ 72
- XF020 — Part Identification
- — Lot Identification (can be on back)

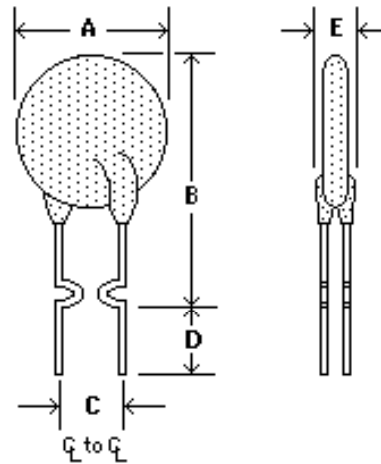


TABLE I. DIMENSIONS:

| | A | | B | | C | | D | | E | |
|------|-----|--------|-----|--------|--------|--------|--------|-----|-----|--------|
| | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX |
| mm: | -- | 7.4 | -- | 11.7 | 4.3 | 5.8 | 7.6 | -- | -- | 3.0 |
| in*: | -- | (0.29) | -- | (0.46) | (0.17) | (0.23) | (0.30) | -- | -- | (0.12) |

*Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

| I HOLD RATED CURRENT | CURRENT RATINGS | | INITIAL RESISTANCE VALUES | | TIME TO TRIP | ONE HOUR POST-TRIP RESISTANCE STANDARD TRIP | TRIPPED-STATE POWER DISSIPATION |
|----------------------|----------------------|----------------------|---------------------------|------|---------------------------|---|---------------------------------|
| AMPERES AT 20°C HOLD | AMPERES AT 20°C HOLD | AMPERES AT 20°C TRIP | OHMS AT 20°C | | SECONDS AT 20°C, 1.0A MAX | OHMS AT 20°C MAX | WATTS AT 20°C NOMINAL |
| | | | MIN | MAX | | | |
| 0.20 | 0.20 | 0.40 | 1.83 | 2.75 | 2.2 | 4.40 | 0.41 |

Agency Recognitions:

UL, CSA, TUV

Reference Documents:

Approved by UL as a current limiting impedance, per the 1996 NEC, Tables 11 (c) and 11 (b). 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

Directive 2002/95/EC
Compliant

Directive 2000/53/EC
Compliant

