

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

PRODUCT: RXE110

DOCUMENT: SCD 21869
 PCN: 797729
 REV LETTER: J
 REV DATE: AUGUST 21, 2001
 PAGE NO.: 1 OF 1

Specification Status: RELEASED

Electrical Rating

Voltage: 72V MAX
Current: 40A MAX

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

Lead Material:
 20 AWG Tin Lead Plated Copper

Marking:

- Raychem Logo and Voltage
- ⊗ 72 — Part Identification
- X 110 — Part Identification
- □ □ □ — Lot Identification (can be on back)

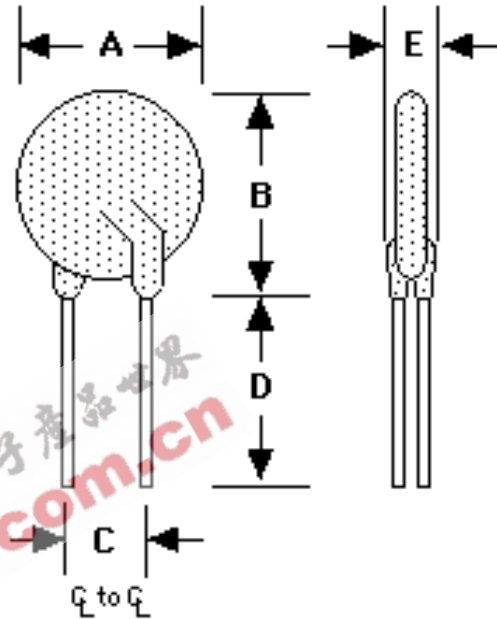


TABLE I. DIMENSIONS:

| | A | | B | | C | | D | | E | |
|------|-----|--------|-----|--------|--------|--------|--------|-----|-----|--------|
| | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX |
| mm: | -- | 12.8 | -- | 17.5 | 4.3 | 5.8 | 7.6 | -- | -- | 3.0 |
| in*: | -- | (0.50) | -- | (0.69) | (0.17) | (0.23) | (0.30) | -- | -- | (0.12) |

*Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

| I _H RATED CURRENT | CURRENT RATINGS | | | | | | TIME TO TRIP | INITIAL RESISTANCE VALUES | | ONE-HOUR POST-TRIP RESISTANCE STANDARD TRIP | TRIPPED- STATE POWER DISSIPATION |
|------------------------------------|-------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------|---------------------------------|------------------------|---|---|
| | AMPERES 20°C HOLD | AMPERES AT 0°C HOLD | AMPERES AT 20°C TRIP | AMPERES AT 60°C HOLD | AMPERES AT 60°C TRIP | AMPERES AT 60°C TRIP | | SECONDS AT 20°C, 5.5A MAX | OHMS AT 20°C MIN | | |
| 1.10 | 1.32 | 2.64 | 1.10 | 2.20 | 0.72 | 1.44 | 8.2 | 0.15 | 0.25 | 0.38 | 1.5 |

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