

**Tyco/Electronics**  
**Raychem Circuit Protection**  
 308 Constitution Drive  
 Menlo Park, CA 94025-1164  
 Phone: 800-227-4856  
 Fax: 800-227-4866

**PolySwitch®**  
**PTC Devices**  
 Overcurrent Protection Device

**PRODUCT: RXE375**

DOCUMENT: SCD 21875  
 PCN: 229579  
 REV LETTER: I  
 REV DATE: JANUARY 3, 2002  
 PAGE NO.: 1 OF 1

**Specification Status: RELEASED**

**Electrical Rating**

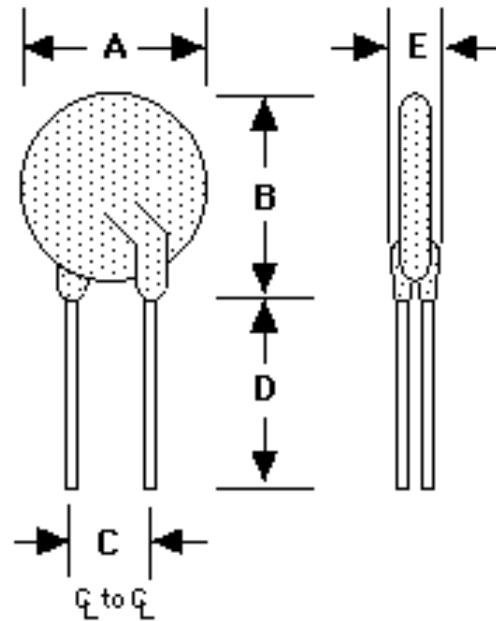
**Voltage: 72V MAX**  
**Current: 40A MAX**

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  
 X 72  
 X 375 — 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:  | --  | 27.2   | --  | 31.8   | 9.4    | 10.9   | 7.6    | --  | --  | 3.0    |
| in*: | --  | (1.07) | --  | (1.25) | (0.37) | (0.43) | (0.30) | --  | --  | (0.12) |

\*Rounded off approximation

**TABLE II. PERFORMANCE RATINGS:**

| I <sub>H</sub><br>RATED<br>CURRENT | CURRENT RATINGS         |                           |                           |                            |                            |                            |                            | TIME TO<br>TRIP | INITIAL<br>RESISTANCE<br>VALUES |                        | ONE-HOUR<br>POST-TRIP<br>RESISTANCE<br>STANDARD<br>TRIP | TRIPPED-<br>STATE<br>POWER<br>DISSIPATION |
|------------------------------------|-------------------------|---------------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-----------------|---------------------------------|------------------------|---------------------------------------------------------|-------------------------------------------|
|                                    | AMPERES<br>20°C<br>HOLD | AMPERES<br>AT 0°C<br>HOLD | AMPERES<br>AT 0°C<br>TRIP | AMPERES<br>AT 20°C<br>HOLD | AMPERES<br>AT 20°C<br>TRIP | AMPERES<br>AT 60°C<br>HOLD | AMPERES<br>AT 60°C<br>TRIP |                 | OHMS<br>AT 20°C<br>MIN          | OHMS<br>AT 20°C<br>MAX |                                                         |                                           |
| 3.75                               |                         | 4.50                      | 9.00                      | 3.75                       | 7.50                       | 2.44                       | 4.88                       | 24.0            | 0.03                            | 0.05                   | 0.08                                                    | 3.2                                       |

Recognitions: UL, CSA and TUV approved.  
 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.