

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

PRODUCT: RXEF025

DOCUMENT: SCD 25216
 PCN: A85432
 REV LETTER: A
 REV DATE: MAY 16, 2003
 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
 XX 60
 XF025 — Part Identification
 Lot Identification (can be on back)

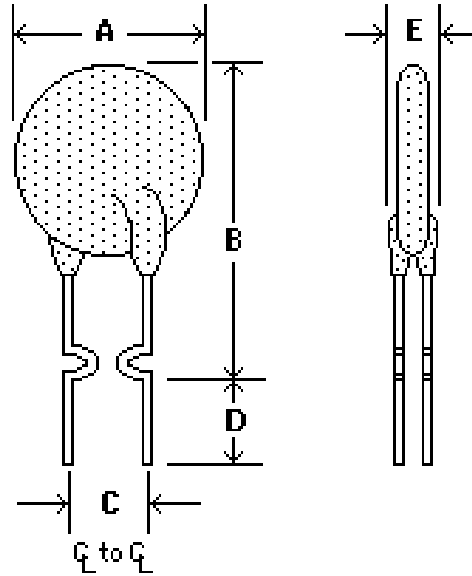


TABLE I. DIMENSIONS:

| | A | | B | | C | | D | | E | |
|------|-----|--------|-----|--------|--------|--------|--------|-----|--------|--------|
| | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX |
| mm: | -- | 7.4 | -- | 12.7 | 4.3 | 5.8 | 7.6 | -- | 2.0 | 3.0 |
| in*: | -- | (0.29) | -- | (0.50) | (0.17) | (0.23) | (0.30) | -- | (0.08) | (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 TRIP | OHMS AT 20°C | | | | |
| .25 | .25 | .50 | 1.25 | 1.95 | 2.5 | 3.00 | .45 |

Recognitions: UL, CSA and TUV recognized.
 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.