

Raychem Corporation

300 Constitution Drive
Menlo Park, CA 94025
800-227-4856
FAX 800-227-4866

Raychem

PolySwitch®

PTC Devices

Resettable Fuse

PRODUCT: RUE250U

DOCUMENT: SCD 22793

PCN: 613961

REV LETTER: I

REV DATE: AUGUST 31, 1999

PAGE NO.: 1 OF 1

Specification Status: RELEASED

Electrical Rating

Voltage: 30V MAX

Current: 40A MAX

Lead Material:

20 AWG Tin/Lead Plated Copper

Marking:

None

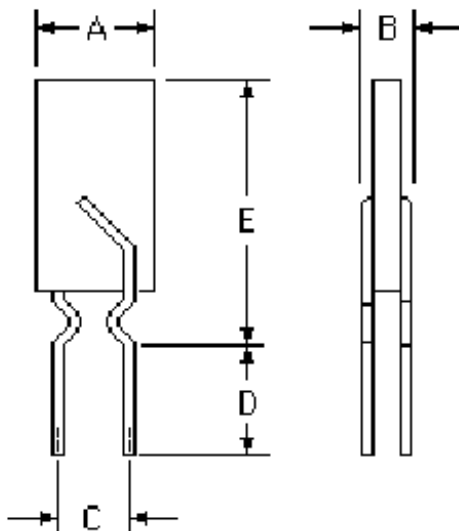


TABLE I. DIMENSIONS:

| | A | | B | | C | D | E | |
|------|--------|--------|-----|--------|---------|-------|--------|--------|
| | MIN | MAX | MIN | MAX | TYPICAL | MIN | MIN | MAX |
| mm: | 7.1 | 8.1 | -- | 2.8 | 5.0 | 7.6 | 15.0 | 16.8 |
| in*: | (0.28) | (0.32) | -- | (0.11) | (0.2) | (0.3) | (0.59) | (0.66) |

*Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

| I HOLD | CURRENT RATINGS | | | | | | TIME TO TRIP | RESISTANCE | | ONE-HOUR POST-TRIP RESISTANCE STANDARD TRIP | NOMINAL TRIPPED POWER DISSIPATION |
|-----------|-----------------|------|--------------|------|--------------|------|-------------------------|--------------|-------|---|-----------------------------------|
| | AMPS AT 0°C | | AMPS AT 20°C | | AMPS AT 50°C | | | OHMS AT 20°C | | | |
| 20°C HOLD | HOLD | TRIP | HOLD | TRIP | HOLD | TRIP | SECONDS AT 20°C, 8A MAX | MIN | MAX | OHMS AT 20°C MAX | WATTS AT 20°C |
| 2.5 | -- | -- | 2.5 | 4.9 | 2.0 | 3.7 | 5.0 | 0.031 | 0.044 | 0.080 | 1.75 |

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.