

Raychem Corporation

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R
PolySwitch®
PTC Devices
Resettable Fuse

PRODUCT: RTE135

DOCUMENT: SCD 24308
PCN: 961293
REV LETTER: B
REV DATE: MARCH 26, 1999
PAGE NO.: 1 OF 1

Specification Status: RELEASED

Electrical Rating

Voltage: 33V MAX
Current: 40A MAX

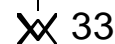
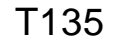

Insulating Material:

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

Lead Material:

24 AWG Tin/Lead Plated Copper Clad Steel

Marking:

- 
Raychem Logo and Voltage
- 
Part Identification
- 
Lot Identification (can be on back)

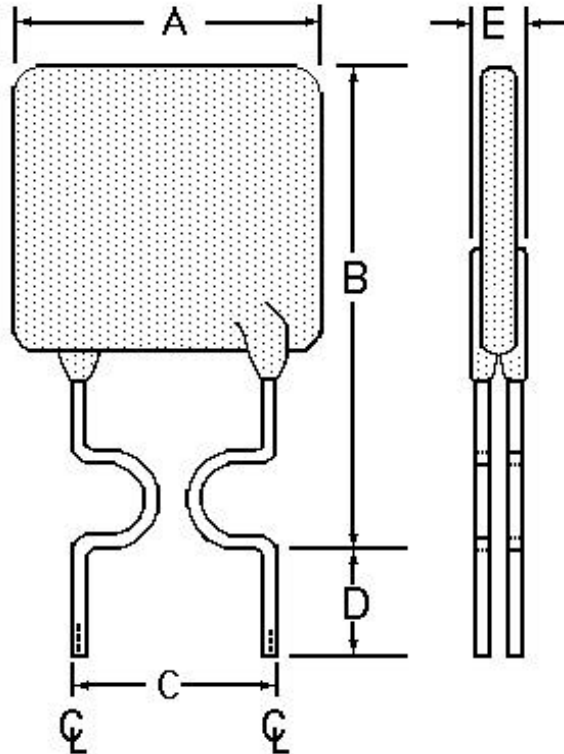


TABLE I. DIMENSIONS:

| | A | | B | | C | | D | | E | | F |
|------|-----|--------|-----|--------|--------|--------|--------|-----|-----|--------|-----|
| | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | TYP |
| mm: | -- | 7.4 | -- | 14.2 | 4.3 | 5.8 | 7.6 | -- | -- | 3.0 | -- |
| in*: | -- | (0.29) | -- | (0.56) | (0.17) | (0.23) | (0.30) | -- | -- | (0.12) | -- |

*Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

| I HOLD* | RATINGS | | TIME TO TRIP* | RESISTANCE | | ONE-HOUR POST-TRIP RESISTANCE STANDARD TRIP | NOMINAL TRIPPED POWER DISSIPATION* |
|---------|-------------------|-------------------|---------------|--------------|-----------------|---|------------------------------------|
| | AMPS AT 20°C HOLD | AMPS AT 20°C TRIP | | OHMS AT 20°C | SECONDS AT 20°C | | |
| 1.35 | 1.35 | 2.5 | 4.5 | MIN 0.059 | MAX 0.100 | 0.143 | 0.84 |

* Values specified were determined using PCB's w/ 0.050 x 1oz Cu traces

Recognitions:

UL/CSA/TUV pending

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.