



THE DATASHEET OF RUSBF185



Specification Status: Released

Electrical Rating

Voltage: 16V_{DC} MAX

Current: 40A MAX

Insulating Material:

Cured, Flame Retardant Epoxy Polymer meets UL 94 V-O Requirements

Lead Material:

24 AWG Tin Plated Copper Clad Steel

Marking:

— Manufacturer's Mark
XX R185 and Part Identification

□□□□ — Lot Identification

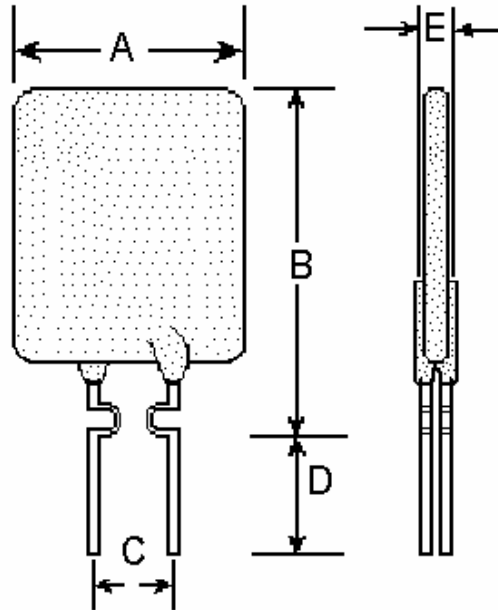


TABLE I. DIMENSIONS:

| | A | | B | | C | | D | | E | |
|------|-----|--------|-----|--------|--------|--------|--------|-----|-----|--------|
| | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX |
| mm: | -- | 10.2 | -- | 15.7 | 4.3 | 5.8 | 7.6 | -- | -- | 3.0 |
| in*: | -- | (0.40) | -- | (0.62) | (0.17) | (0.23) | (0.30) | -- | -- | (0.12) |

*Rounded off approximation

TABLE II. PERFORMANCE RATINGS :

| I HOLD RATED CURRENT | CURRENT RATINGS | | INITIAL RESISTANCE VALUES | | | ONE HOUR POST-TRIP RESISTANCE STANDARD TRIP | TIME TO TRIP @ 8A | TRIPPED-STATE POWER DISSIPATION |
|----------------------|----------------------|-----------------------------|---------------------------|------------------|------------------|---|-------------------|---------------------------------|
| | AMPERES AT 20°C HOLD | AMPERES AT 20°C HOLD TRIP | OHMS AT 20°C MIN | OHMS AT 20°C TYP | OHMS AT 20°C MAX | | | |
| 1.85 | 1.85 | 3.70 | 0.03 | 0.045 | 0.051 | 0.09 | 10 | 1.0 |

Agency Recognitions:
Reference Documents:

UL, CSA, TUV
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.

Materials Information

ROHS Compliant

ELV Compliant

Pb-Free

Halogen Free*



* Halogen Free refers to: Br≤900ppm, Cl≤900ppm, Br+Cl≤1500ppm.

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