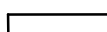




Specification Status: Released

Maximum Electrical Rating at 20°C
30 V_{DC} / 100 A_{DC}
30 V_{AC} / 70 A_{RMS}

Insulating Material:
Cured, Flame Retardant Epoxy Polymer
meets UL94 V-0 Requirements

Lead Material:
24 AWG Tin Plated Copper Clad Steel

Marking:
 Manufacturer's Mark
 U250 and Part Identification
 Lot Identification

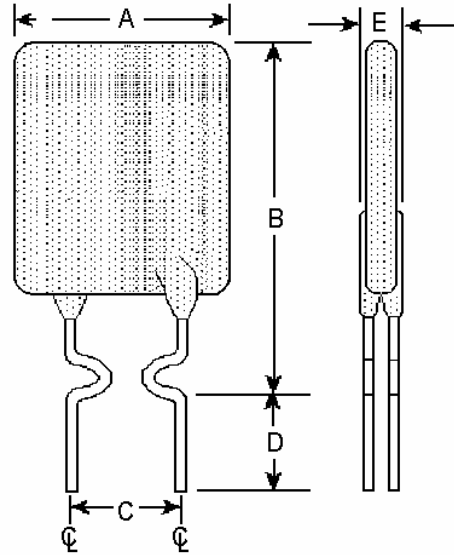


TABLE I. DIMENSIONS:

| | A | | B | | C | | D | | E | |
|------|-----|--------|-----|--------|--------|--------|--------|-----|-----|--------|
| | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX |
| mm: | -- | 11.4 | -- | 18.3 | 4.3 | 5.8 | 7.6 | -- | -- | 3.0 |
| in*: | -- | (0.45) | -- | (0.72) | (0.17) | (0.23) | (0.30) | -- | -- | (0.12) |

*Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

| I HOLD | CURRENT RATINGS | | TIME TO TRIP | RESISTANCE | | ONE-HOUR POST-TRIP RESISTANCE STANDARD TRIP | TRIPPED POWER DISSIPATION | |
|--------|-----------------|--------------------------|----------------------------|------------------------|------|---|---------------------------|-------------------|
| | AMPS 20°C HOLD | AMPS AT 20°C HOLD TRIP | SECONDS AT 20°C, 12.5A MAX | OHMS AT 20°C MIN MAX | | OHMS AT 20°C MAX | WATTS AT 20°C NOMINAL | WATTS AT 20°C MAX |
| 2.50 | 2.50 | 5.00 | 10.3 | 0.02 | 0.04 | 0.07 | 1.20 | 1.45 |

Agency Recognitions: UL, CSA, TUV, CQC
 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.

Materials Information

ROHS Compliant

ELV Compliant

Pb-Free

Halogen Free*

Directive 2002/95/EC Compliant

Directive 2000/53/EC Compliant



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



PolySwitch®
PTC Devices
Overcurrent Protection Device

PRODUCT: RUEF250
DOCUMENT: SCD25174
REV LETTER: G
REV DATE: JULY 26,2016
PAGE NO.: 2 OF 2

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