

Specification Status: Released

Electrical Rating
Voltage: 30V MAX
Current: 100A MAX

Insulating Material:
None

Lead Material:
20 AWG Tin Plated Copper

Marking:
None

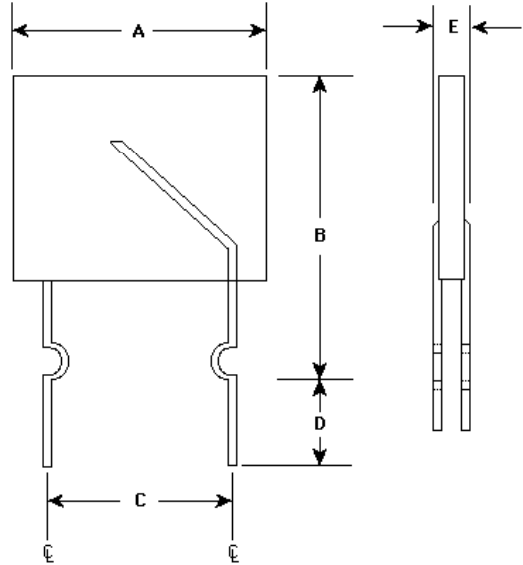


TABLE I. DIMENSIONS:

| | A | | B | | C | | D | | E | |
|------|-----|--------|-----|--------|--------|--------|--------|-----|-----|--------|
| | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX |
| mm: | -- | 10.4 | -- | 17.3 | 4.3 | 5.8 | 7.6 | -- | -- | 2.0 |
| in*: | -- | (0.41) | -- | (0.68) | (0.17) | (0.23) | (0.30) | -- | -- | (0.08) |

*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 8A 20°C, MAX | OHMS AT 20°C MIN | OHMS AT 20°C MAX | OHMS AT 20°C MAX | WATTS AT 20°C NOMINAL | WATTS AT 20°C MAX |
| 3.0 | 3.0 | 6.0 | 7.0 | 0.03 | 0.048 | 0.072 | 2.0 | 2.38 |

Agency Recognitions: UL, CSA, TUV
 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

Directive 2002/95/EC Compliant

Directive 2000/53/EC Compliant





Expertise Applied | Answers Delivered

PolySwitch®
PTC Devices
Overcurrent Protection Device

PRODUCT: RUEF300U

DOCUMENT: SCD26845
REV LETTER: E
REV DATE: JULY 26, 2016
PAGE NO.: 2 OF 2

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