

**Specification Status: Released**

**Electrical Rating**

Voltage: 72 V max (AC or DC)  
Current: 40 A max (AC or DC)

**Insulating Material:**

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

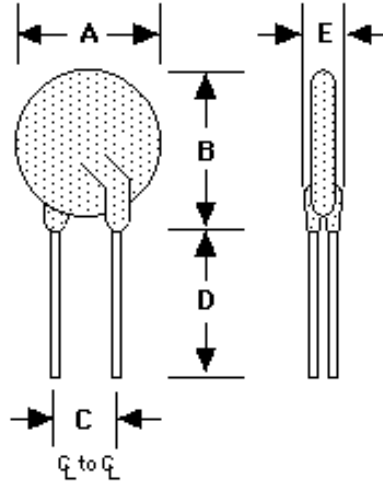
**Lead Material:**

20 AWG Tin Plated Copper

**Marking:**

— Manufacturer's Mark  
XX X300 and Part Identification

□□□□ — Lot Identification



**TABLE I. DIMENSIONS:**

|      | A   |        | B   |        | C      |        | D      |     | E   |        |
|------|-----|--------|-----|--------|--------|--------|--------|-----|-----|--------|
|      | MIN | MAX    | MIN | MAX    | MIN    | MAX    | MIN    | MAX | MIN | MAX    |
| mm:  | --  | 23.9   | --  | 28.6   | 9.4    | 10.9   | 7.6    | --  | --  | 3.0    |
| in*: | --  | (0.94) | --  | (1.13) | (0.37) | (0.43) | (0.30) | --  | --  | (0.12) |

\*Rounded off approximation

**TABLE II. PERFORMANCE RATINGS :**

| I HOLD<br>RATED<br>CURRENT | CURRENT<br>RATINGS         |                                   | INITIAL<br>RESISTANCE<br>VALUES |                                  | TIME TO TRIP | ONE HOUR<br>POST-TRIP<br>RESISTANCE<br>STANDARD<br>TRIP | TRIPPED- STATE<br>POWER DISSIPATION |                             |
|----------------------------|----------------------------|-----------------------------------|---------------------------------|----------------------------------|--------------|---|-------------------------------------|-----------------------------|
|                            | AMPERES<br>AT 20°C<br>HOLD | AMPERES<br>AT 20°C<br>HOLD   TRIP | OHMS<br>AT 20°C<br>MIN   MAX    | SECONDS AT<br>20°C, 15.0A<br>MAX |              |   | OHMS<br>AT 20°C<br>MAX              | WATTS<br>AT 20°C<br>NOMINAL |
| 3.0                        | 3.0                        | 6.0                               | 0.04   0.06                     | 19.8                             | 0.10         | 2.8   | 3.49                                |                             |

Agency Recognitions  
Reference Documents:  
Precedence:  
Effectivity:  
CAUTION:

UL, CSA, TUV, CQC  
PS300  
This specification takes precedence over documents referenced herein.  
Reference documents shall be the issue in effect on the date of invitation for bid.  
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: RXEF300**

DOCUMENT: SCD25228  
REV LETTER: G  
REV DATE: July 26, 2016  
PAGE NO.: 2 OF 2

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