

**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

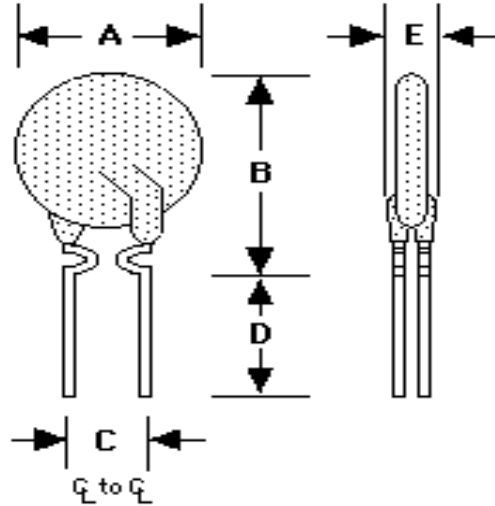
**Lead Material:**

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:  | --  | 23.11  | --  | 29.3   | 9.4    | 10.9   | 7.6    | --  | --  | 3.0    |
| in*: | --  | (0.91) | --  | (1.16) | (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<br>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 |
| 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: RXEF300K**

DOCUMENT: SCD26451  
REV LETTER: E  
REV DATE: JULY 26, 2016  
PAGE NO.: 2 OF 2

Information furnished is believed to be accurate and reliable. However, users should independently evaluate the suitability of and test each product selected for their own applications. Littelfuse products are not designed for, and shall not be used for, any purpose (including, without limitation, military, aerospace, medical, lifesaving, life-sustaining or nuclear facility applications, devices intended for surgical implant into the body, or any other application in which the failure or lack of desired operation of the product may result in personal injury, death, or property damage) other than those expressly set forth in applicable Littelfuse product documentation. Warranties granted by Littelfuse shall be deemed void for products used for any purpose not expressly set forth in applicable Littelfuse documentation. Littelfuse shall not be liable for any claims or damages arising out of products used in applications not expressly intended by Littelfuse as set forth in applicable Littelfuse documentation. The sale and use of Littelfuse products is subject to Littelfuse Terms and Conditions of Sale, unless otherwise agreed by Littelfuse.