


**Specification Status: Released**


**Electrical Rating**

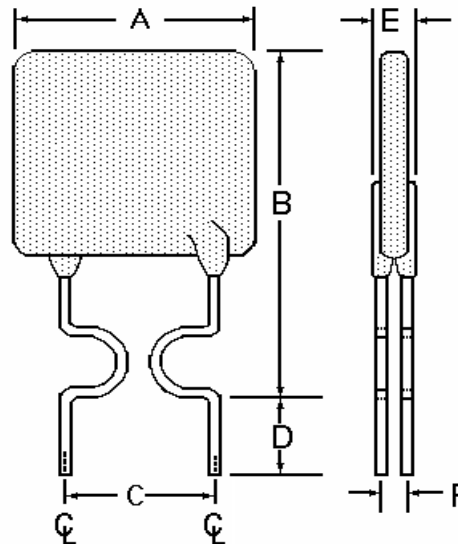
**Voltage: 16V MAX**  
**Current: 100A MAX**

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

**Lead Material:**  
20 AWG Tin Plated Copper  
(0.81mm [0.032] nom. diameter)

**Marking:**  
 Manufacturer's Mark  
and Part Identification

 Lot Identification



**TABLE I. DIMENSIONS:**

|      | A      |        | B   |        | C      |        | D     |     | E      |        | F      |
|------|--------|--------|-----|--------|--------|--------|-------|-----|--------|--------|--------|
|      | MIN    | MAX    | MIN | MAX    | MIN    | MAX    | MIN   | MAX | MIN    | MAX    | TYP    |
| mm:  | 7.9    | 8.9    | -   | 15.4   | 4.3    | 5.8    | 7.6   | -   | 2.0    | 3.0    | 1.2    |
| in*: | (0.31) | (0.35) | -   | (0.61) | (0.17) | (0.23) | (0.3) | -   | (0.08) | (0.12) | (0.05) |

\*Rounded off approximation

**TABLE II. PERFORMANCE RATINGS:**

| I HOLD RATED CURRENT | CURRENT RATINGS   |                   | INITIAL RESISTANCE VALUES |        | TIME TO TRIP             | R <sub>1</sub> MAX 1 HR. POST TRIP RESISTANCE STANDARD TRIP | TRIPPED-STATE POWER DISSIPATION |
|----------------------|-------------------|-------------------|---------------------------|--------|--------------------------|---|---------------------------------|
| AMPS AT 25°C HOLD    | AMPS AT 25°C HOLD | AMPS AT 25°C TRIP | OHMS AT 25°C              |        | SECONDS AT 25°C, 20A MAX | OHMS AT 25°C MAX  | WATTS AT 25°C TYP               |
|                      |                   |                   | MIN                       | MAX    |                          |   |                                 |
| 4.0                  | 4.0               | 6.8               | 0.0210                    | 0.0390 | 1.7                      | 0.0600  | 2.4                             |

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 or 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: RGEF400K**  
**DOCUMENT: SCD25636**  
**REV LETTER: E**  
**REV DATE: JULY 26, 2016**  
**PAGE NO: 2 OF 2**

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