


**Specification Status: Released**


**Electrical Rating**

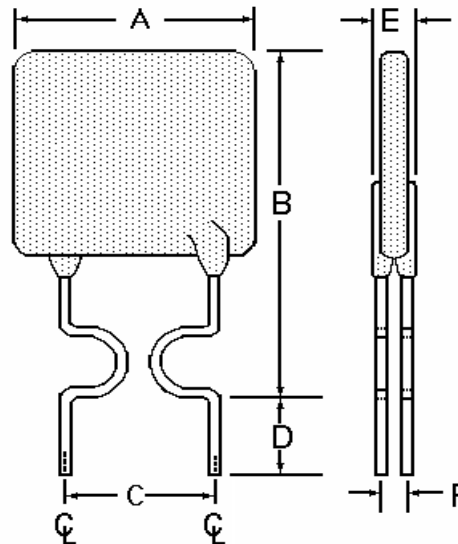
**Voltage: 16V MAX**  
**Current: 100A MAX**

**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:

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 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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