


**Specification Status: Released**


**Electrical Rating**

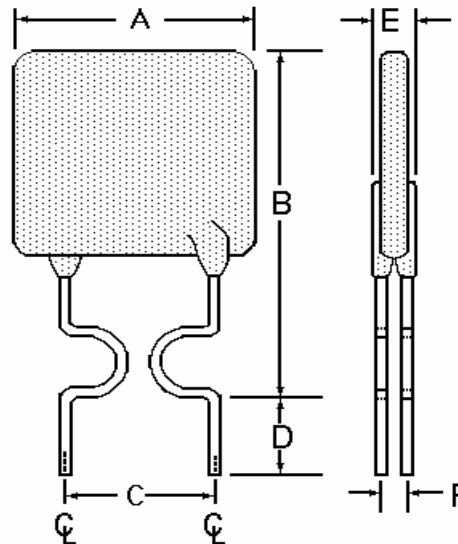
**Voltage: 16V MAX**  
**Current: 100A MAX**

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:  
Precedence:  
Effectivity:  
CAUTION:

UL, CSA, TUV.  
**PS300**  
This specification takes precedence over documents referenced herein.  
Reference documents shall be the issue in effect on the date of invitation or 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: RGEF400K**  
**DOCUMENT: SCD25636**  
**REV LETTER: E**  
**REV DATE: JULY 26, 2016**  
**PAGE NO: 2 OF 2**

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