




**Specification Status: Released**

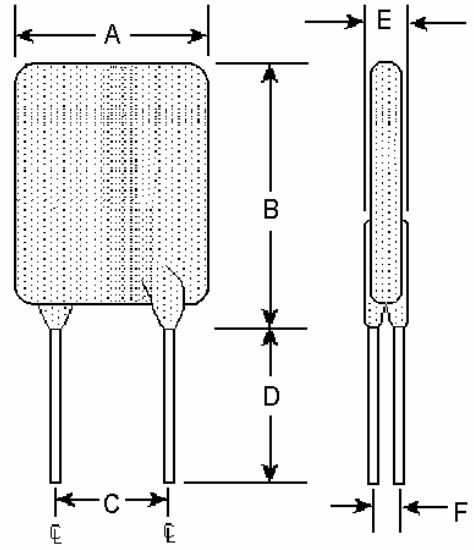
**Electrical Rating**

**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

Marking:  
 Manufacturer's Mark  
 G10 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:	--	16.5	21.1	25.2	4.3	5.8	7.6	--	2.0	3.0	1.2
in*:	--	(0.65)	(0.83)	(0.99)	(0.17)	(0.23)	(0.30)	--	(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, 50.0 A MAX	OHMS AT 25°C MAX	WATTS AT 25°C TYP
10.0	10.0	17.0	MIN	MAX	6.0	0.0102	3.6
			0.0040	0.0070			

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 for 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\***



\* Halogen Free refers to: Br≤900ppm, Cl≤900ppm, Br+Cl≤1500ppm.



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**PRODUCT: RGEF1000**

DOCUMENT: SCD25199  
REV LETTER: F  
REV DATE: JULY 26, 2016  
PAGE NO.: 2 OF 2

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