



# THE DATASHEET OF RGEF900



**Specification Status: Released**

**Electrical Rating**

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

**Insulating Material:**

Cured, Flame Retardant Epoxy Polymer  
meets UL94 V-0 Requirements

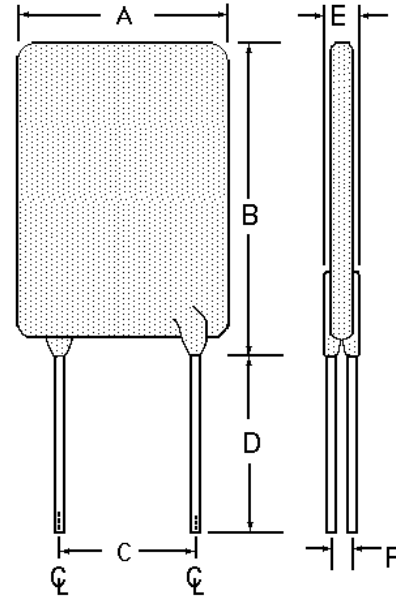
**Lead Material:**

20 AWG Tin Plated Copper  
(0.81mm [0.032] nom. diameter)

**Marking:**

— Manufacturer's Mark  
⊗ G9 and Part Identification

□ □ □ □ — Lot Identification



**TABLE I. DIMENSIONS:**

	A		B		C		D		E		F
mm:	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	TYP
in*:	13.0	14.0	16.8	21.7	4.3	5.8	7.6	-	2.0	3.0	1.2
	(0.51)	(0.55)	(0.66)	(0.85)	(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, 45.0 A MAX	OHMS AT 25°C MAX	WATTS AT 25°C TYP
			MIN	MAX			
9.0	9.0	15.3	0.0047	0.0091	5.5	0.0135	3.3

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\*

Directive 2002/95/EC Compliant

Directive 2000/53/EC Compliant





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

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