



# THE DATASHEET OF RGEF700-1



**Specification Status: Released**

**Electrical Rating**

Voltage: 16V MAX  
Current: 100A MAX

**Insulating Material:**

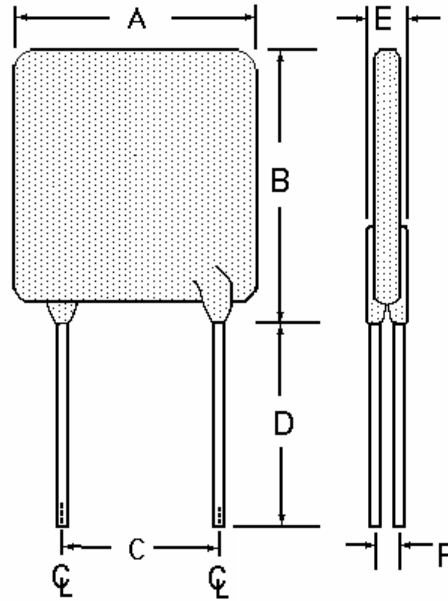
Cured, Flame Retardant Epoxy Polymer  
meets UL94 V-0 Requirements

**Lead Material:**

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

**Marking:**

- Manufacturer's Mark
- ⊗ G7 — 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:	10.2	11.2	14.7	19.7	4.3	5.8	25.4	-	2.0	3.0	1.2
in*:	(0.40)	(0.44)	(0.58)	(0.78)	(0.17)	(0.23)	(1.0)	-	(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, 35A MAX	OHMS AT 25°C MAX	WATTS AT 25°C TYP
			MIN	MAX			
7.0	7.0	11.9	0.0077	0.0131	3.5	0.0200	3.0

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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