

Specification Status: Released
Electrical Rating

Voltage: 16V MAX

Current: 100A MAX

Insulating Material:

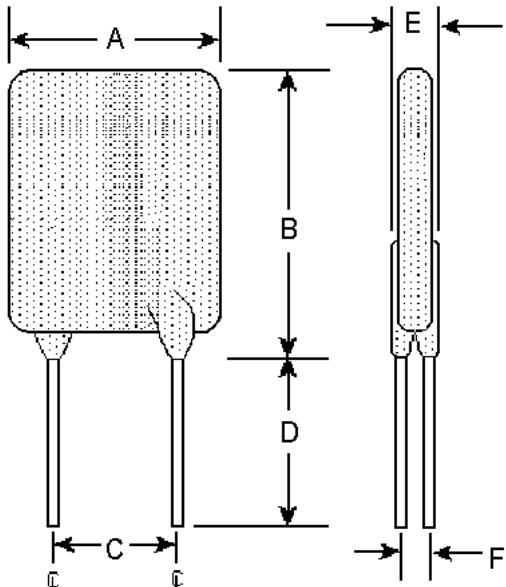
 Cured, Flame Retardant Epoxy Polymer
 meets UL94 V-0 Requirements

Lead Material:

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

Marking:

 Manufacturer's Mark
 G6 and Part Identification

 Lot Identification

TABLE I. DIMENSIONS:

mm:	A		B		C		D		E		F	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	TYP	
mm:	9.7	10.7	12.2	17.1	4.3	5.8	25.4	-	2.0	3.0	1.2	
in*:	(0.38)	(0.42)	(0.48)	(0.67)	(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 ₁ 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	OHMS MIN	OHMS MAX	SECONDS AT 25°C, 30A MAX	WATTS AT 25°C MAX	WATTS AT 25°C TYP
6.0	6.0	10.2	0.0100	0.0190	3.3	0.0280	2.8	

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.



Expertise Applied | Answers Delivered

PolySwitch®
PTC Devices
Overcurrent Protection Device

PRODUCT: RGEF600-1

DOCUMENT: SCD25832

REV LETTER: E

REV DATE: JULY 26, 2016

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