

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

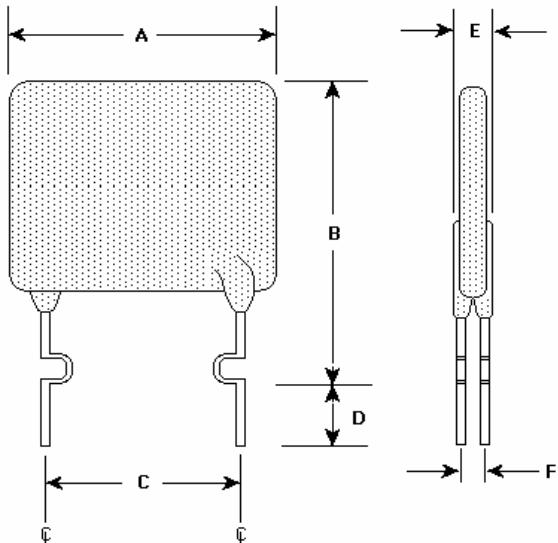


TABLE I. DIMENSIONS:

mm: in*	A MIN		B MAX		C MIN		D MAX		E MIN		F MAX		TYP
	MAX		MAX		MAX		MAX		MAX		MAX		
6.1 (0.24)	7.1 (0.28)	-	13.6 (0.54)	-	4.3 (0.17)	5.8 (0.23)	7.6 (0.30)	-	2.0 (0.08)	3.0 (0.12)	1.2 (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	MIN	MAX	SECONDS AT 25°C, 15A MAX	OHMS AT 25°C MAX	WATTS AT 25°C TYP
3.0	3.0	5.1	0.0380	0.0650		1.0	0.0975	2.3

Recognition:

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.



Expertise Applied | Answers Delivered

PolySwitch®
PTC Devices
Overcurrent Protection Device

PRODUCT: RGEF300K

DOCUMENT: SCD26096

REV LETTER: E

REV DATE: JULY 26, 2016

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