

## 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  
XX G6 and Part Identification

□ □ □ □ — Lot Identification

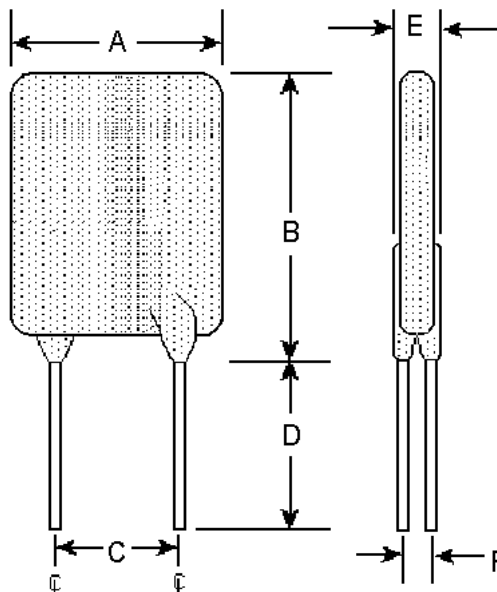


TABLE I. DIMENSIONS:

	A		B		C		D		E		F
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	TYP
mm:	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 <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 MIN	OHMS AT 25°C MAX	SECONDS AT 25°C, 30A MAX	OHMS 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\*

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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