

**Specification Status: Released**

**Electrical Rating**

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

**Insulating Material:**

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

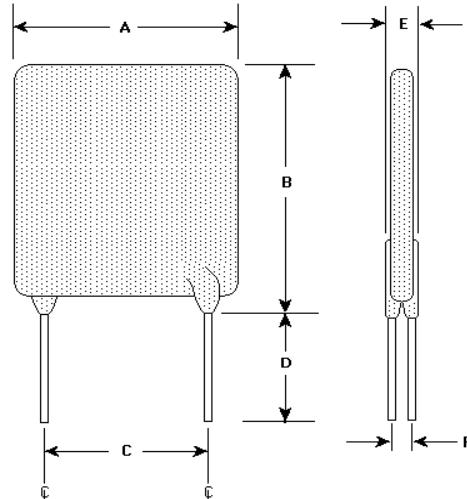
**Lead Material:**

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

**Marking:**

XX G8 and Part Identification

□□□□ — Lot Identification



**TABLE I. DIMENSIONS:**

mm: in:	A		B		C		D		E		F
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	TYP
11.7 (0.46)	12.7 (0.50)	16.0 (0.63)	20.9 (0.82)	4.3 (0.17)	5.8 (0.23)	25.4 (1.00)	--	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 <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	SECONDS AT 25°C, 40.0 A MAX	OHMS AT 25°C MAX	WATTS AT 25°C TYP
8.0	8.0	13.6	OHMS AT 25°C	0.0056	0.0110	5.0	0.0175

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.