

Specification Status: Released

Electrical Rating

 Voltage: 16V MAX
 Current: 100A MAX

Insulating Material:

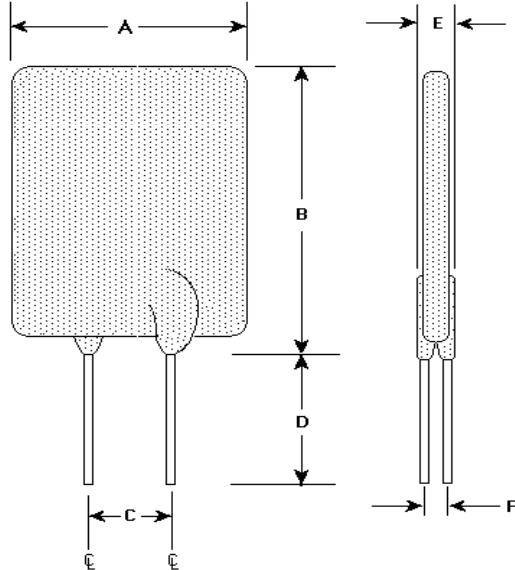
 Cured, Flame Retardant Epoxy Polymer
 meets UL94 V-0 Requirements

Lead Material:

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

Marking:

 Manufacturer's Mark
 XX G8 and Part Identification
 Lot Identification


TABLE I. DIMENSIONS:

	A MIN	A MAX	B MIN	B MAX	C MIN	C MAX	D MIN	D MAX	E MIN	E MAX	F TYP
mm:	11.7	12.7	16.0	20.9	4.3	5.8	7.6	--	2.0	3.0	1.2
in*:	(0.46)	(0.50)	(0.63)	(0.82)	(0.17)	(0.23)	(0.30)	--	(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 AT 25°C	SECONDS AT 25°C, 40.0 A MAX	OHMS AT 25°C MAX	WATTS AT 25°C TYP
8.0	8.0	13.6	0.0056	0.0110	5.0	0.0175	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.