

**Specification Status: Released**

**Electrical Rating**

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

**Insulating Material:**

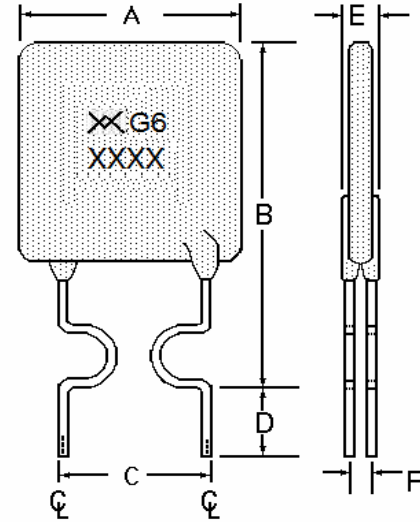
Cured, Flame Retardant Epoxy Polymer  
meets UL94 V-0 Requirements

**Lead Material:**

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

**Marking:**

— Manufacturer's Mark  
**XX G6** and Part Identification  
**XXXX** — Lot Identification



Measured at the button of the kink in device lead wires

**TABLE I. DIMENSIONS:**

	A		B		C		D		E		F
mm:	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	TYP
mm:	-	10.7	-	18	4.3	5.8	7.6	-	2.0	3.0	1.2
in*:	-	(0.42)	-	(0.78)	(0.17)	(0.23)	(0.3)	-	(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   TRIP	OHMS AT 25°C				
6.0	6.0	10.2	MIN	MAX	SECONDS AT 25°C, 30A MAX	OHMS AT 25°C MAX	WATTS AT 25°C TYP
			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.

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