



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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**Specification Status: RELEASED**

**Electrical Rating**

**Voltage: 16V<sub>DC</sub> MAX**  
**Current: 40A MAX**

**Insulating Material:**

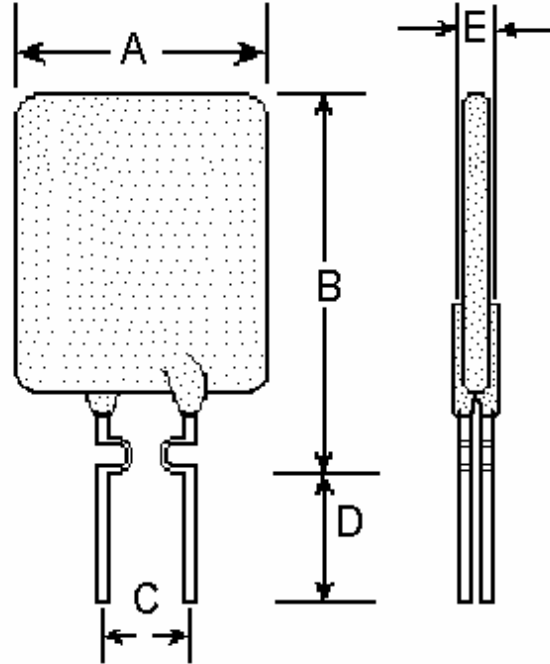
Cured Flame Retardant Epoxy Polymer meets  
UL 94-V-O Requirements

**Lead Material:**

24 AWG Tin Lead Plated Nickel Copper Alloy

**Marking:**

- Manufacturer's Mark and Voltage  
XX
- Part Identification  
R 090
- Lot Identification (can be on back)  
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**TABLE I. DIMENSIONS:**

	A		B		C		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	--	7.4	--	12.2	4.3	5.8	7.6	--	--	3.1
in*:	--	(0.29)	--	(0.48)	(0.17)	(0.23)	(0.30)	--	--	(0.12)

**TABLE II. PERFORMANCE RATINGS :**

I HOLD RATED CURRENT	CURRENT RATINGS		INITIAL RESISTANCE VALUES		ONE HOUR POST-TRIP RESISTANCE STANDARD TRIP	TIME TO TRIP @ 8A	TRIPPED- STATE POWER DISSIPATION
	AMPERES AT 20°C HOLD	AMPERES AT 20°C HOLD   TRIP	OHMS AT 20°C		OHMS AT 20°C MAX	SECONDS AT 20°C	WATTS AT 20°C
0.90	0.90	1.80	MIN	TYP	0.18	1.2	0.6
			0.07	0.10			

**Recognitions:**

UL, CSA, TUV recognized.

**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.