

**Specification Status: Released**

**Electrical Rating**

**Voltage: 16V<sub>DC</sub> MAX**

**Current: 40A MAX**



Insulating Material:

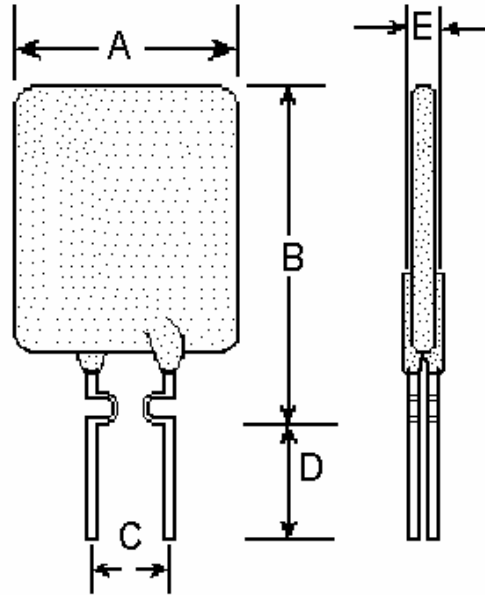
Cured, Flame Retardant Epoxy Polymer  
meets UL 94 V-O Requirements

Lead Material:

24 AWG Tin Plated Copper Clad Steel

Marking:

 Manufacturer's Mark  
 X R250 and Part Identification  
  
 Lot Identification



**TABLE I. DIMENSIONS:**

	A		B		C		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	--	11.4	--	18.3	4.3	5.8	7.6	--	--	3.0
in*:	--	(0.45)	--	(0.72)	(0.17)	(0.23)	(0.30)	--	--	(0.12)

\*Rounded off approximation

**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	AMPERES AT 20°C TRIP	OHMS AT 20°C MIN	OHMS AT 20°C TYP	OHMS AT 20°C MAX	OHMS AT 20°C MAX	SECONDS AT 20°C	WATTS AT 20°C
2.50	2.50	5.00	0.02	0.03	0.036	0.06	40	1.2

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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