

**Specification Status: Released**

**Electrical Rating**

Voltage: 60V MAX  
Current: 40A MAX

**Insulating Material:**

Cured, Flame Retardant Epoxy Polymer

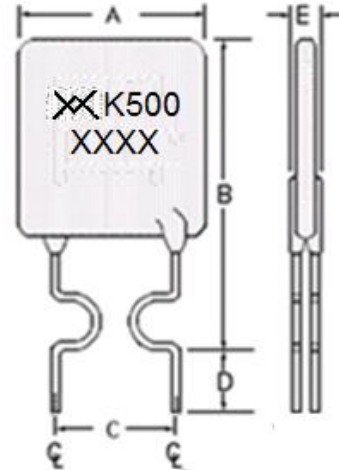
**Lead Material:**

20 AWG Tin Plated Copper

**Marking:**

— Manufacturer's Mark  
XX K500 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	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	--	24.1	--	31.0	9.4	10.9	7.6	--	--	3.0
in*:	--	(0.95)	--	(1.22)	(0.37)	(0.43)	(0.3)	--	--	(0.12)

\*Rounded off approximation

**TABLE II. PERFORMANCE RATINGS:**

I HOLD RATED CURRENT	CURRENT RATINGS		INITIAL RESISTANCE VALUES		TIME TO TRIP	ONE HOUR POST-TRIP RESISTANCE STANDARD TRIP	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 MAX	SECONDS AT 20°C, 25A MAX	OHMS AT 20°C MAX	WATTS AT 20°C NOMINAL
5.0	5.0	10.0	0.012	0.030	28	0.05	5

Agency Recognitions:  
Reference Documents:  
Precedence:  
Effectivity:

UL, TUV, CSA  
PS300

This specification takes precedence over documents referenced herein.  
Reference documents shall be the issue in effect on the date of invitation for bid.

CAUTION:  
flame

Operation beyond the rated voltage or current may result in rupture, electrical arcing or

**Materials Information**

ROHS Compliant

ELV Compliant

Pb-Free

Halogen Free\*<sup>1,2</sup>

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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