



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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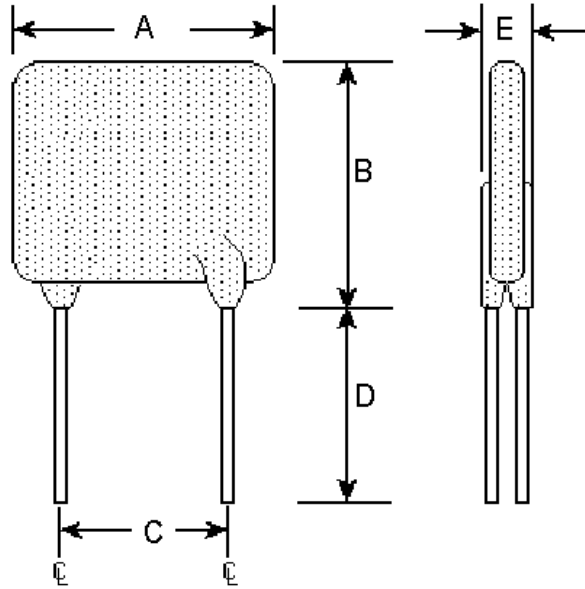
**Specification Status: Released**

Maximum Electrical Rating at 20°C  
30 V<sub>DC</sub> / 100 A<sub>DC</sub>  
30 V<sub>AC</sub> / 70 A<sub>RMS</sub>

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

Lead Material:  
20 AWG Tin Plated Copper

Marking:  
 Manufacturer's Mark  
 U800 and Part Identification  
 Lot Identification



**TABLE I. DIMENSIONS:**

|      | A   |        | B   |        | C      |        | D      |     | E   |        |
|------|-----|--------|-----|--------|--------|--------|--------|-----|-----|--------|
|      | MIN | MAX    | MIN | MAX    | MIN    | MAX    | MIN    | MAX | MIN | MAX    |
| mm:  | --  | 21.6   | --  | 28.4   | 9.4    | 10.9   | 7.6    | --  | --  | 3.0    |
| in*: | --  | (0.85) | --  | (1.12) | (0.37) | (0.43) | (0.30) | --  | --  | (0.12) |

\*Rounded off approximation

**TABLE II. PERFORMANCE RATINGS:**

| I HO LD | CURRENT RATINGS |                          | TIME TO TRIP             | RESISTANCE       |                  | ONE-HOUR POST-TRIP RESISTANCE STANDARD TRIP | TRIPPED POWER DISSIPATION |                   |
|---------|-----------------|--------------------------|--------------------------|------------------|------------------|---|---------------------------|-------------------|
|         | AMPS 20°C HOLD  | AMPS AT 20°C HOLD   TRIP | SECONDS AT 20°C, 40A MAX | OHMS AT 20°C MIN | OHMS AT 20°C MAX | OHMS AT 20°C MAX                            | WATTS AT 20°C NOMINAL     | WATTS AT 20°C MAX |
| 8.00    | 8.00            | 16.00                    | 18.8                     | 0.005            | .013             | 0.02  | 4.00                      | 4.35              |

Agency Recognitions: UL, CSA, TUV, CQC  
 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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