



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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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Description

- Fast acting micro fuse
- Base and cap material is a thermoplastic, UL 94-V0
- Leads are tin-lead plated copper alloy

Electrical Characteristics

Rated Current	150%		210%		275%		400%		1000%
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Max.
250mA to 5A	1 hr.	30 min.	10 ms.	3 sec.	3 ms.	300 ms.			20 ms.

All are 250V AC



Agency Information

- Semco Certificate VDE License: 250mA to 5A / 35A or 10 In whichever is greater @ 250VAC
- UL Recognized File No. E19180, CSA Acceptance File No. LR701159; 250mA to 5A / 50A @ 250VAC
- RoHS Compliant

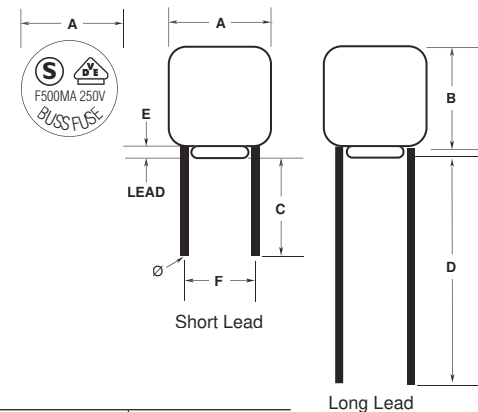
Environmental Data

- Soldering Heat Resistance: 260°, 10 sec. per IEC 68-2-20
- Vibration Resistance: MIL-STD-202, Method 201, 10-55Hz x 3 axis/ no load
- Shock Resistance: MIL-STD-202, Method 213, Condition I (Sawtooth)
- Moisture Resistance: MIL-STD-202F, Method 106
- Salt Spray: MIL-STD-202, Method 101, Condition B (48 hrs)
- Operating Temperature: -55°C to +125°C

Ordering

- Specify product code and packaging code

Dimensional Data



Dimensions
mm (inches)

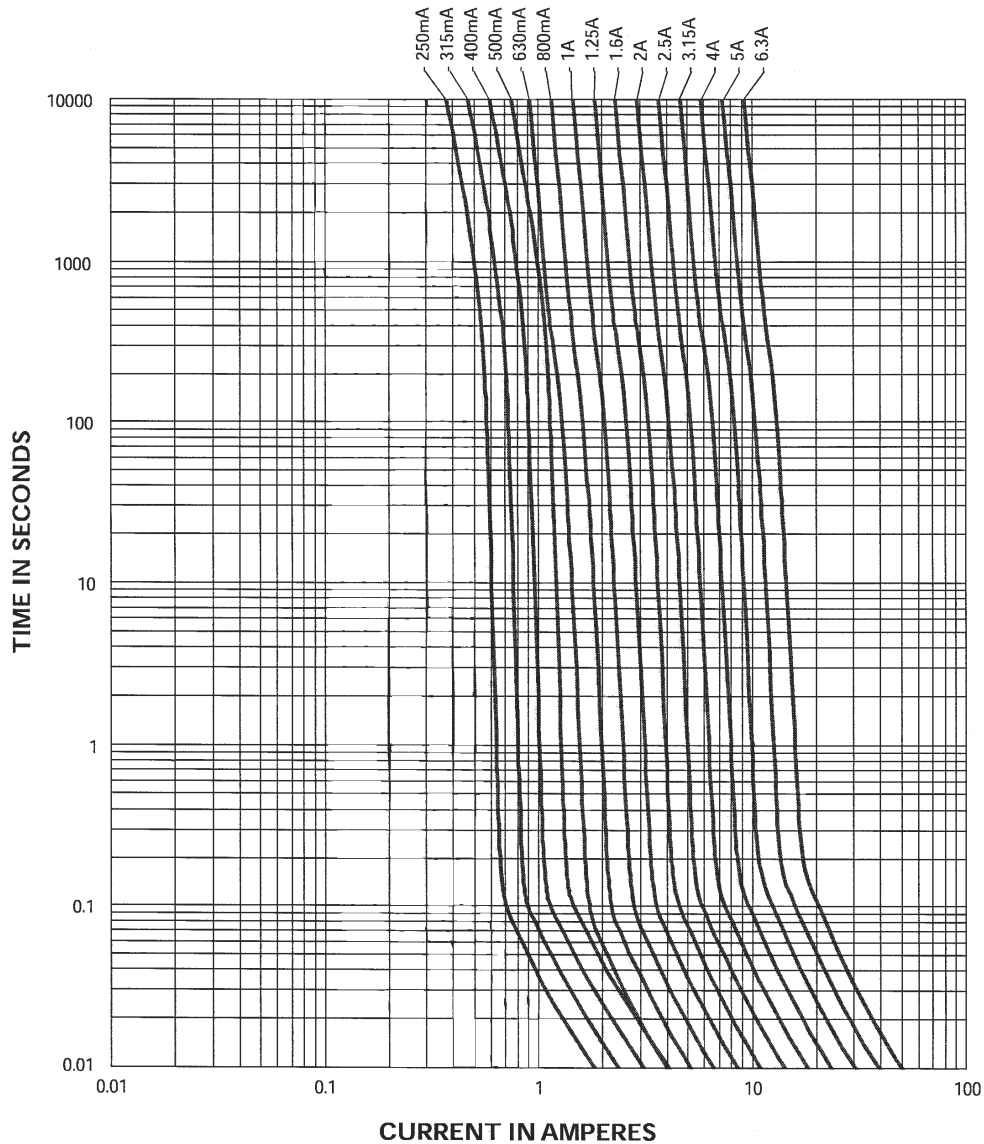
	Short Lead	Long Lead
A	8.35 ± 0.1 (0.329)	8.35 ± 0.1 (0.329)
B	7.7 ± 0.1 (0.303)	7.7 ± 0.1 (0.303)
C	4.3 ± 0.3 (0.169)	—
D	—	18.8 ± 0.3 (0.740)
E	0.5 min. (0.020)	0.5 min. (0.020)
F	5.08 ± 0.1 (0.200)	5.08 ± 0.1 (0.200)
Ø	0.6 ± 0.1 (0.024)	0.6 ± 0.1 (0.024)

SPECIFICATIONS						
Product Code	Ampere Rating	Typical Cold Resistance (ohm)	Volt-drop @ 100% In (Volt) max.	Melting I ² T < 10 mSec (A ² Sec)	Melting I ² T @ 10 In (A ² Sec)	Maximum Power Dissipation (W)
EFF-250mA	250mA	0.45	0.254	0.029	0.027	0.15
EFF-315mA	315mA	0.34	0.246	0.05	0.05	0.18
EFF-400mA	400mA	0.25	0.239	0.08	0.08	0.22
EFF-500mA	500mA	0.19	0.232	0.15	0.13	0.27
EFF-630mA	630mA	0.091	0.106	0.12	0.13	0.15
EFF-800mA	800mA	0.071	0.103	0.21	0.22	0.19
EFF-1	1A	0.055	0.1	0.36	0.36	0.23
EFF-1.25	1.25A	0.043	0.097	0.61	0.59	0.28
EFF-1.6	1.6A	0.034	0.094	1.1	1	0.35
EFF-2	2A	0.026	0.091	1.8	1.7	0.42
EFF-2.5	2.5A	0.02	0.088	3.1	2.7	0.51
EFF-3.15	3.15A	0.016	0.086	5.3	4.5	0.62
EFF-4	4A	0.012	0.083	9	8	0.77
EFF-5	5A	0.01	0.081	16	13	0.93
EFF-6.3	6.3A	0.008	0.078	27	21	1.14

Voltage Drop measured at 100% of rated current.

Melting I²t measured at 10X current rating

TIME CURRENT CURVE



PACKAGING CODE	
Packaging Code	Description
AP	Ammo-pack taped 1,000 per box (long lead only)
BK	In bulk 100 per bag (short lead only)

North America

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