



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

- Time lag 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.	Min.	Max.
80mA to 6.3A	1 hr.	2 min.	400 ms.	10 sec.	150 ms.	3 sec.	20 ms.	150 ms.		

All are 250V AC



Agency Information

- Semco Certificate No. 9541256 01 VDE License No. 95402: 80mA to 5A / 35A or 10 *In* whichever is greater @ 250VAC
- UL Recognized File No. E19180, CSA Acceptance File No. LR701159; 80mA to 6.3A / 100A @ 277VAC

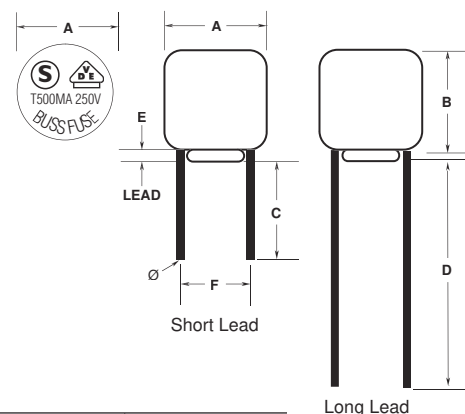
Environmental Data

- Soldering Heat Resistance: 260°C, 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

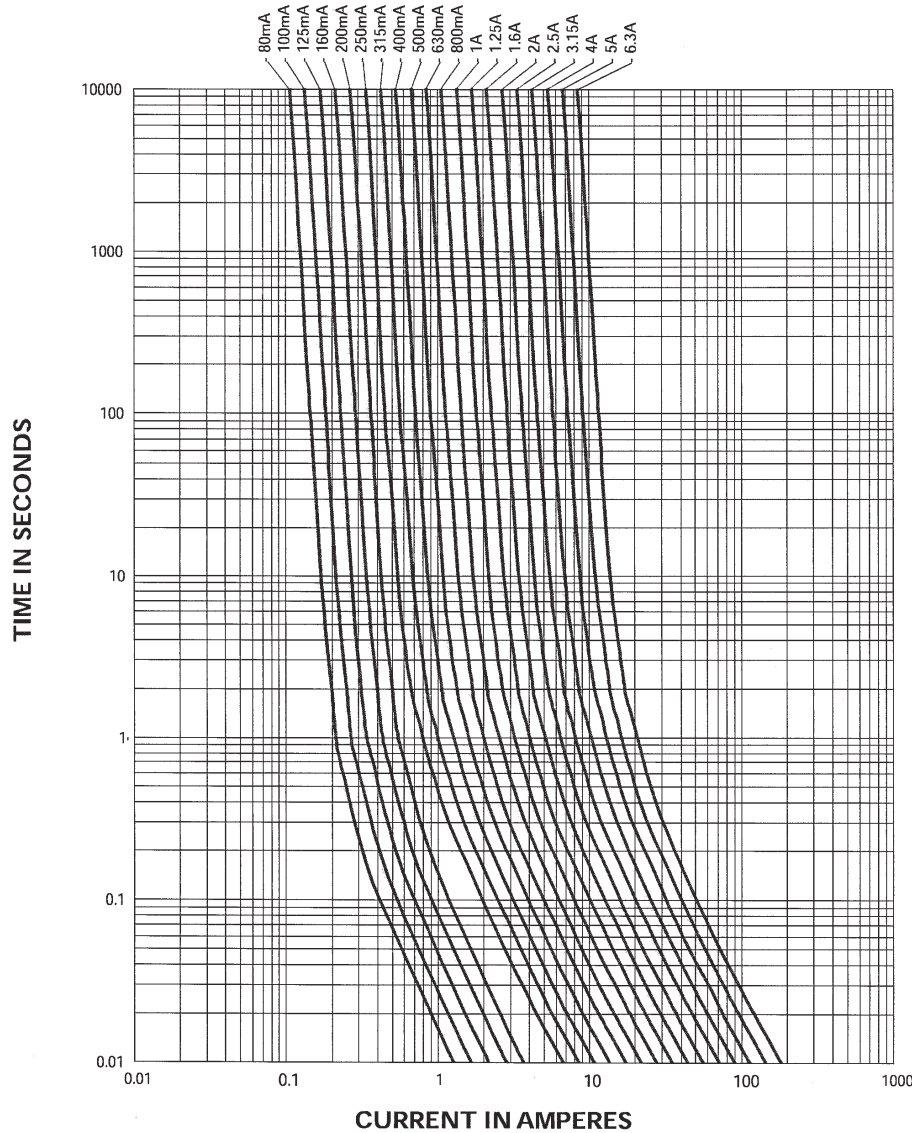


Dimensions
mm (inches)

	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% <i>In</i> (Volt) max.	Melting I ² T < 10 mSec (A ² Sec)	Melting I ² T @ 10 <i>In</i> (A ² Sec)	Maximum Power Dissipation (W)
ETF-80mA	80mA	3.3	0.4	0.01	0.01	0.1
ETF-100mA	100mA	2.2	0.35	0.02	0.02	0.11
ETF-125mA	125mA	1.5	0.3	0.04	0.04	0.13
ETF-160mA	160mA	1	0.28	0.07	0.06	0.15
ETF-200mA	200mA	0.7	0.25	0.12	0.11	0.17
ETF-250mA	250mA	0.5	0.22	0.38	0.41	0.19
ETF-315mA	315mA	0.38	0.19	0.6	0.66	0.22
ETF-400mA	400mA	0.28	0.16	0.95	1.05	0.25
ETF-500mA	500mA	0.21	0.15	1.5	1.66	0.29
ETF-630mA	630mA	0.16	0.13	2.4	2.6	0.33
ETF-800mA	800mA	0.12	0.12	3.7	4.2	0.38
ETF-1	1A	0.09	0.11	5.9	6.7	0.44
ETF-1.25	1.25A	0.06	0.1	9	11	0.51
ETF-1.6	1.6A	0.047	0.095	15	17	0.58
ETF-2	2A	0.035	0.09	23	27	0.67
ETF-2.5	2.5A	0.026	0.087	37	43	0.77
ETF-3.15	3.15A	0.019	0.083	58	69	0.88
ETF-4	4A	0.014	0.08	92	110	1.02
ETF-5	5A	0.01	0.077	145	175	1.17
ETF-6.3	6.3A	0.008	0.073	230	281	1.34

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)