



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!



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Subminiature Fuse, 8.5 mm, Time-Lag T, 250 VAC, 100 A



IEC 60127-3 · 250VAC · Time-Lag T



**Description**

- Directly solderable on printed circuit boards
- High breaking capacity

**Standards**

- IEC 60127-3/4
- UL 248-14
- CSA C22.2 no. 248.14

**Approvals**

- VDE Certificate Number: 40008838
- UL File Number: E41599
- CSA File Number: 51172

**Applications**

- Primary Protection on PCB
- Power Supply Adapter for e.g. laptops
- SMPS (Switching Mode Power Supply) for TV's and DVD's


**References**

[Packaging Details](#)  
Corresponding Fuseholder [FMS \(250V\)](#)

**Weblinks**

[pdf datasheet](#), [html-datasheet](#), [General Product Information](#), [Packaging details](#), [Approvals](#), [CE declaration of conformity](#), [RoHS](#), [CHINA-RoHS](#), [REACH](#), [Distributor-Stock-Check](#), [Detailed request for product](#)

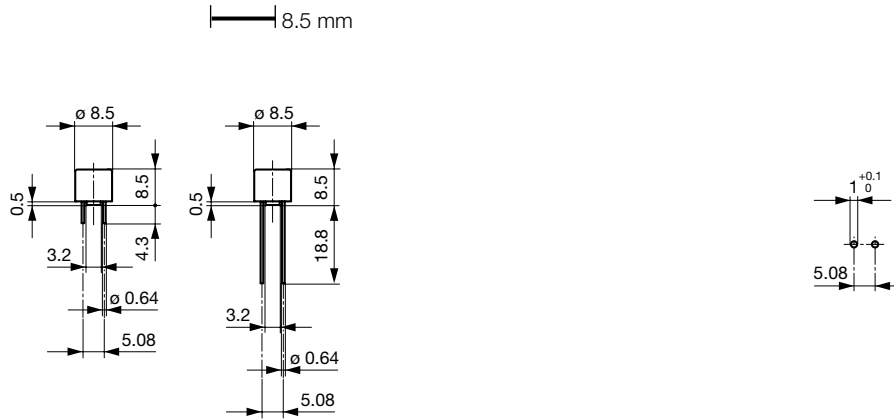
**Technical Data**

Rated Voltage	250VAC
Rated current	0.8 - 10A
Breaking Capacity	100A
Characteristic	Time-Lag T
Mounting	PCB,THT
Admissible Ambient Air Temp.	-40 °C to 85 °C
Climatic Category	40/085/21 acc. to IEC 60068-1
Material: Housing	Thermoplastic, UL 94V-0
Material: Terminals	Tin-Plated Copper
Unit Weight	0.78 g
Storage Conditions	0 °C to 40 °C, max. 70% r.h.
Product Marking	 , Type, Rated current, Rated Voltage, Characteristic, Approvals

Soldering Methods	Wave, Iron <a href="#">Soldering Profile</a>
Solderability	235 °C / 2 sec acc. to IEC 60068-2-20, Test Ta
Resistance to Soldering Heat	260 °C / 10sec acc. to IEC 60068-2-20, Test Tb
Resistance to Vibration	acc. to IEC 60068-2-6, test Fc
Life Test	1000h @ 0.60 x In @ 70°C (acc. to EIA/IS-722, Test 4.4.1)
Load Humidity Test	MIL-STD-202, Method 103B 0.1 x In @ 0.85 r.H. @ 85°C
Moisture Resistance Test	MIL-STD-202, Method 106E (50 cycles in a temp./mister chamber)
Terminal Strength	Tensile load min. 9 N (acc. to EIA/IS-722, Test 4.5.5)
Case Resistance	acc. to EIA/IS-722, Test 4.7 >100 MΩ (between leads and body)
Mechanical Shock	MIL-STD-202, Method 213B (Shock 50g, half sine wave, 11 ms)
Resistance to Solvents	MIL-STD-202, Method 215A
Flammability	UL 94V-0 (acc. to EIA/IS-722, Test 4.12)

Detailed information on product approvals, code requirements, usage instructions and detailed test conditions can be looked up in [General Product Information](#)

## Dimension

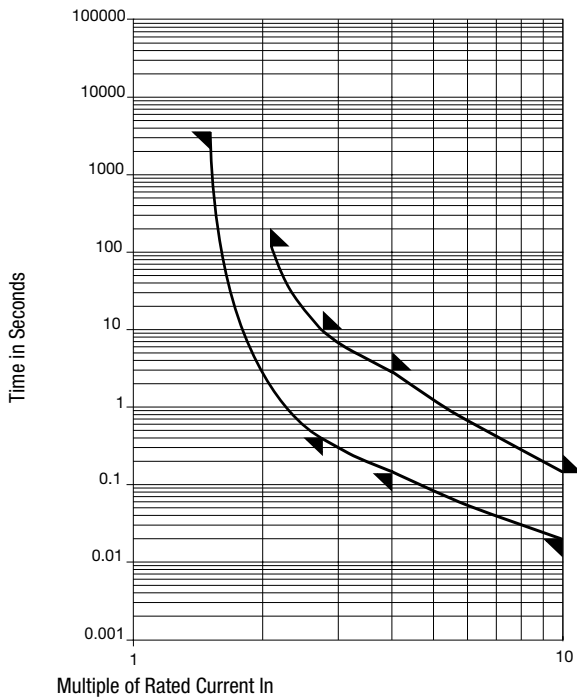


Drilling diagram








## Pre-Arcing Time









Rated Current I <sub>n</sub>	1.0 x I <sub>n</sub> min.	1.5 x I <sub>n</sub> min.	2.0 x I <sub>n</sub> max.	2.1 x I <sub>n</sub> max.	2.75 x I <sub>n</sub> min.	2.75 x I <sub>n</sub> max.	4.0 x I <sub>n</sub> min.	4.0 x I <sub>n</sub> max.	10.0 x I <sub>n</sub> min.	10.0 x I <sub>n</sub> max.
0.8 A - 6.3 A	-	60 min	-	120 s	400 ms	10 s	150 ms	3 s	20 ms	150 ms
8 A - 10 A	4 h	-	60 s	-	-	-	-	-	-	-

## Time-Current-Curves



## All Variants

Rated Current [A]	Rated Voltage [VAC]	Breaking Capacity	Voltage Drop 1.0 I <sub>n</sub> max. [mV]	Voltage Drop 1.0 I <sub>n</sub> typ. [mV]	Power Dissipation 1.5 I <sub>n</sub> max. [mW]	Melting I <sup>2</sup> t 10.0 I <sub>n</sub> typ. [A <sup>2</sup> s]	      	S	L	T	Order Number	
0.8	250	1)	160	128	430	1.5	●	●	●	●	●	0034.6914
1	250	1)	140	130	500	4.4	●	●	●	●	●	0034.6915
1.25	250	1)	130	120	600	6.3	●	●	●	●	●	0034.6916
1.6	250	1)	120	110	730	10	●	●	●	●	●	0034.6917
2	250	1)	100	85	870	16	●	●	●	●	●	0034.6918

Rated Current [A]	Rated Voltage [VAC]	Breaking Capacity	Voltage Drop 1.0 In max. [mV]	Voltage Drop 1.0 In typ. [mV]	Power Dissipation 1.5 I <sub>n</sub> max. [mW]	Melting I <sup>2</sup> t 10.0 Intyp. [A <sup>2</sup> s]									S	L	T	Order Number
2.5	250	1)	100	85	1000	32	●			●	●	●	●	●	●			0034.6919
3.15	250	1)	100	75	1200	57	●			●	●	●	●	●	●			0034.6920
4	250	1)	100	75	1400	77	●			●	●	●	●	●	●			0034.6921
5	250	1)	-	70	-	155				●	●				●			0034.6922
6.3	250	1)	-	60	-	262		●		●	●				●	●		0034.6923
8	250	1)	-	62	-	397			●						●			0034.6924
10	250	1)	-	62	-	440			●						●			0034.6925
0.8	250	1)	160	128	430	1.5	●			●		●	●		●			0034.6944
1	250	1)	140	130	500	4.4	●			●	●	●	●		●			0034.6945
1.25	250	1)	130	120	600	6.3	●			●	●	●	●		●			0034.6946
1.6	250	1)	120	110	730	10	●			●	●	●	●		●			0034.6947
2	250	1)	100	85	870	16	●			●	●	●	●		●			0034.6948
2.5	250	1)	100	85	1000	32	●			●	●	●	●		●			0034.6949
3.15	250	1)	100	75	1200	57	●			●	●	●	●		●			0034.6950
4	250	1)	100	75	1400	77	●			●	●	●	●		●			0034.6951
5	250	1)	-	70	-	155				●	●				●			0034.6952
6.3	250	1)	-	60	-	262		●		●	●				●	●		0034.6953
8	250	1)	-	62	-	397			●						●			0034.6954
10	250	1)	-	62	-	440			●						●			0034.6955
0.8	250	1)	160	128	430	1.5	●			●		●	●		●			0034.6974
1	250	1)	140	130	500	4.4	●			●	●	●	●		●			0034.6975
1.25	250	1)	130	120	600	6.3	●			●	●	●	●		●			0034.6976
1.6	250	1)	120	110	730	10	●			●	●	●	●		●			0034.6977
2	250	1)	100	85	870	16	●			●	●	●	●		●			0034.6978
2.5	250	1)	100	85	1000	32	●			●	●	●	●		●			0034.6979
3.15	250	1)	100	75	1200	57	●			●	●	●	●		●			0034.6980
4	250	1)	100	75	1400	77	●			●	●	●	●		●			0034.6981
5	250	1)	-	70	-	155				●	●				●			0034.6982
6.3	250	1)	-	60	-	262		●		●	●				●			0034.6983
8	250	2)	-	62	-	397			●						●			0034.6984
10	250	2)	-	62	-	440			●						●			0034.6985

Most Popular.

Availability for all products can be searched real-time: <http://www.schurter.com/en/Stock-Check/Stock-Check-SCHURTER>

1) 100 A @ 250 VAC, cos φ = 1.0

2) 100 A @ 250 VAC, cos φ = 0.95 - 1.0

<b>Packaging Unit</b>	S =	Plastic Bag (100 pcs.)
	L =	Bulk (100 pcs.)
	T =	Taped 36 cm Reel (750 pcs.)