



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

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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



Subminiature Fuse, 8.5 mm, Time-Lag T, 250 VAC, 63 VDC



IEC 60127-3 · 250VAC · Time-Lag T



Description

- Directly solderable on printed circuit boards
- Low Breaking Capacity

Standards

- IEC 60127-3/4
- UL 248-14
- CSA C22.2 no. 248.14
- Telcordia GR-1089
- UL 60950 / IEC 60950
- ITU-T K.20 and K.21
- TIA-968-A

Approvals

- VDE Certificate Number: 40002080
- 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 \(250V\)](#)

Fuse Kit [Fuse Kit MST250 / MSF 250](#)

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](#)

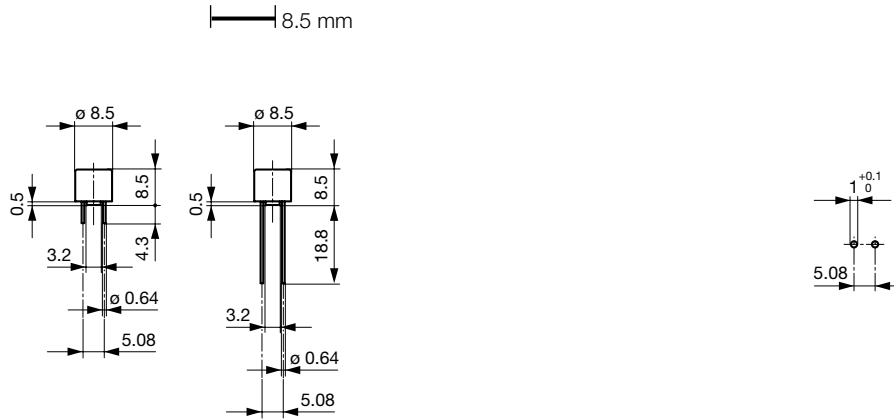
Technical Data

Rated Voltage	250VAC, 63 VDC
Rated current	0.05 - 6.3A
Breaking Capacity	35A - 63A
Characteristic	Time-Lag T
Mounting	PCB, THT
Admissible Ambient Air Temp.	-55 °C to 125 °C
Climatic Category	55/125/21 acc. to IEC 60068-1
Material: Housing	Thermoplastic, UL 94V-0
Material: Terminals	Tin-Plated Copper
Unit Weight	0.53 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 Soldering Profile
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
Current Carrying Capacity	acc. to EIA/IS-722, Test 4.3.3
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 4.5.1)
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)
Vibration, High Frequency	Shock 20 gn, 20 min, 10-2 kHz, 12 cyc. (acc. to EIA/IS-722, Test 4.10)
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



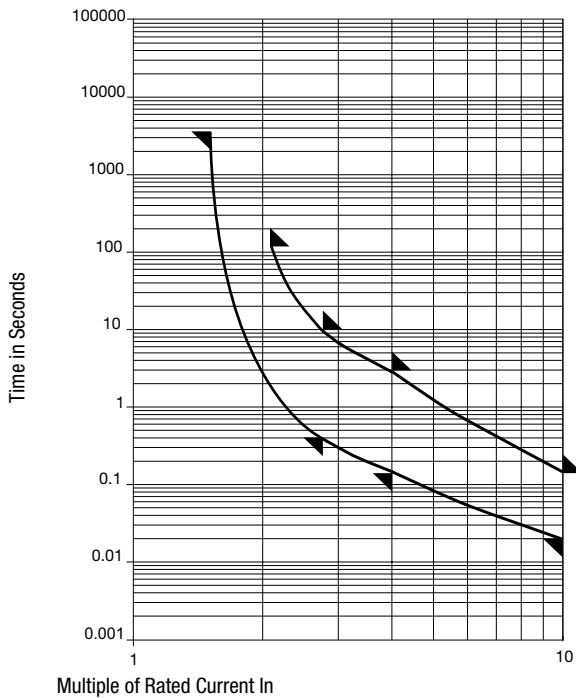
Drilling diagram

Pre-Arcing Time

Rated Current I_n 1.5 x I_n min. 2.1 x I_n max. 2.75 x I_n min. 2.75 x I_n max. 4.0 x I_n min. 4.0 x I_n max. 10.0 x I_n min. 10.0 x I_n max.







0.05 A - 6.3 A 60 min 120 s 400 ms 10 s 150 ms 3 s 20 ms 150 ms







Time-Current-Curves



All Variants

Rated Current [A]	Rated Voltage [VAC]	Breaking Capacity	Voltage Drop 1.0 I_n max. [mV]	Voltage Drop 1.0 I_n typ. [mV]	Power Dissipation 1.5 I_n max. [mW]	Melting I^2t 10.0 I_n typ. [A ² s]							S	L	T	Order Number
0.05	250	1)	550	415	155	0.03	●	●	●	●	●	●				0034.6602
0.063	250	1)	480	420	160	0.05	●	●	●	●	●	●				0034.6603
0.08	250	1)	400	360	165	0.06	●	●	●	●	●	●				0034.6604
0.1	250	1)	350	320	170	0.08	●	●	●	●	●	●				0034.6605
0.125	250	1)	300	270	180	0.12	●	●	●	●	●	●				0034.6606
0.16	250	1)	280	190	190	0.24	●	●	●	●	●	●				0034.6607

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 _n max. [mW]	Melting I ² t 10.0 Intyp. [A ² s]							S	L	T	Order Number
0.2	250	1)	260	150	200	0.35	●	●	●	●	●	●				0034.6608
0.25	250	1)	240	120	220	0.6	●	●	●	●	●	●				0034.6609
0.315	250	1)	220	120	250	0.8	●	●	●	●	●	●				0034.6610
0.4	250	1)	200	110	280	1.1	●	●	●	●	●	●				0034.6611
0.5	250	1)	190	100	310	2.5	●	●	●	●	●	●				0034.6612
0.63	250	1)	180	90	360	4	●	●	●	●	●	●				0034.6613
0.8	250	1)	160	80	430	8	●	●	●	●	●	●				0034.6614
1	250	1)	140	70	500	12	●	●	●	●	●	●				0034.6615
1.25	250	1)	130	70	600	15	●	●	●	●	●	●				0034.6616
1.6	250	1)	120	60	730	30	●	●	●	●	●	●				0034.6617
2	250	1)	100	60	870	34	●	●	●	●	●	●				0034.6618
2.5	250	1)	100	50	1000	55	●	●	●	●	●	●				0034.6619
3.15	250	1)	100	50	1200	76	●	●	●	●	●	●				0034.6620
4	250	2)	100	50	1400	80	●	●	●	●	●	●				0034.6621
5	250	3)	-	50	-	230	●	●	●	●	●	●				0034.6622
6.3	250	3)	-	45	-	360	●	●	●	●	●	●				0034.6623
0.05	250	1)	550	415	155	0.03	●	●	●	●	●	●				0034.6702
0.063	250	1)	480	420	160	0.05	●	●	●	●	●	●				0034.6703
0.08	250	1)	400	360	165	0.06	●	●	●	●	●	●				0034.6704
0.1	250	1)	350	320	170	0.08	●	●	●	●	●	●				0034.6705
0.125	250	1)	300	270	180	0.12	●	●	●	●	●	●				0034.6706
0.16	250	1)	280	190	190	0.24	●	●	●	●	●	●				0034.6707
0.2	250	1)	260	150	200	0.35	●	●	●	●	●	●				0034.6708
0.25	250	1)	240	120	220	0.6	●	●	●	●	●	●				0034.6709
0.315	250	1)	220	120	250	0.8	●	●	●	●	●	●				0034.6710
0.4	250	1)	200	110	280	1.1	●	●	●	●	●	●				0034.6711
0.5	250	1)	190	100	310	2.5	●	●	●	●	●	●				0034.6712
0.63	250	1)	180	90	360	4	●	●	●	●	●	●				0034.6713
0.8	250	1)	160	80	430	8	●	●	●	●	●	●				0034.6714
1	250	1)	140	70	500	12	●	●	●	●	●	●				0034.6715
1.25	250	1)	130	70	600	15	●	●	●	●	●	●				0034.6716
1.6	250	1)	120	60	730	30	●	●	●	●	●	●				0034.6717
2	250	1)	100	60	870	34	●	●	●	●	●	●				0034.6718
2.5	250	1)	100	50	1000	55	●	●	●	●	●	●				0034.6719
3.15	250	1)	100	50	1200	76	●	●	●	●	●	●				0034.6720
4	250	2)	100	50	1400	80	●	●	●	●	●	●				0034.6721
5	250	3)	-	50	-	230	●	●	●	●	●	●				0034.6722
6.3	250	3)	-	45	-	360	●	●	●	●	●	●				0034.6723
0.05	250	1)	550	415	155	0.03	●	●	●	●	●	●				0034.6802
0.063	250	1)	480	420	160	0.05	●	●	●	●	●	●				0034.6803
0.08	250	1)	400	360	165	0.06	●	●	●	●	●	●				0034.6804
0.1	250	1)	350	320	170	0.08	●	●	●	●	●	●				0034.6805
0.125	250	1)	300	270	180	0.12	●	●	●	●	●	●				0034.6806
0.16	250	1)	280	190	190	0.24	●	●	●	●	●	●				0034.6807
0.2	250	1)	260	150	200	0.35	●	●	●	●	●	●				0034.6808
0.25	250	1)	240	120	220	0.6	●	●	●	●	●	●				0034.6809
0.315	250	1)	220	120	250	0.8	●	●	●	●	●	●				0034.6810
0.4	250	1)	200	110	280	1.1	●	●	●	●	●	●				0034.6811
0.5	250	1)	190	100	310	2.5	●	●	●	●	●	●				0034.6812
0.63	250	1)	180	90	360	4	●	●	●	●	●	●				0034.6813
0.8	250	1)	160	80	430	8	●	●	●	●	●	●				0034.6814
1	250	1)	140	70	500	12	●	●	●	●	●	●				0034.6815
1.25	250	1)	130	70	600	15	●	●	●	●	●	●				0034.6816

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 _n max. [mW]	Melting I ² t 10.0 Intyp. [A ² s]							S	L	T	Order Number	
1.6	250	1)	120	60	730	30	●		●	●	●	●	●				0034.6817
2	250	1)	100	60	870	34	●		●	●	●	●	●				0034.6818
2.5	250	1)	100	50	1000	55	●		●	●	●	●	●				0034.6819
3.15	250	1)	100	50	1200	76	●		●	●	●	●	●				0034.6820
4	250	2)	100	50	1400	80	●		●	●	●	●	●				0034.6821
5	250	3)	-	50	-	230		●	●	●		●					0034.6822
6.3	250	3)	-	45	-	360		●	●			●					0034.6823

Most Popular.

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

- 1) IEC: 35 A @ 250 VAC
- 1) UL: 35 A @ 250 VAC / 50 A @ 63 VDC
- 2) IEC: 10 In @ 250 VAC
- 2) UL: 10 In @ 250 VAC / 50 A @ 63 VDC
- 3) IEC: 10 In @ 250 VAC
- 3) UL: 10 In @ 250 VAC / 10 In @ 63 VDC

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