



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



Surface Mount Fuse, 7 x 2 mm, Quick-Acting F, 125 VAC, 125 VDC



UL 248-14 · 125 VAC · 125 VDC · Quick-Acting F



Description

- High breaking capacity
- Directly solderable on printed circuit boards

Standards

- UL 248-14
- CSA C22.2 no. 248.14

Approvals

- UL File Number: E42088
- CSA File Number: 34549

Applications

- Telecom
- Household appliances

References

[Packaging Details](#)


Square Footprint Type [MKF](#)

Corresponding Fuseholder [231786](#); [231787](#)

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](#)

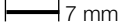
Technical Data

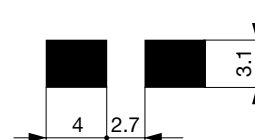
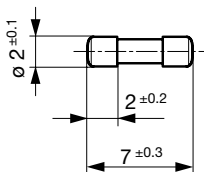
Rated Voltage	63 - 125 VAC, 65 - 125 VDC
Rated current	0.063 - 15 A
Breaking Capacity	300 A
Characteristic	Quick-Acting F
Mounting	PCB, SMT
Admissible Ambient Air Temp.	-55 °C to 125 °C
Climatic Category	55/125/56 acc. to IEC 60068-1
Material: Tube	Ceramic
Material: Endcaps	Tin-Plated Copper Alloy
Unit Weight	0.07 g
Storage Conditions	0 °C to 60 °C, max. 70% r.h.
Product Marking	 Rated current

Soldering Methods	Reflow, Wave Soldering Profile
Solderability	235 °C / 2 sec acc. to IEC 60068-2-58, Test Td, Fig. 2B (Reflow) // 245 °C / 3 sec (Wave)
Resistance to Soldering Heat	260 °C / 10 sec acc. to IEC 60068-2-58, Test Td

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

Dimension

 7 mm

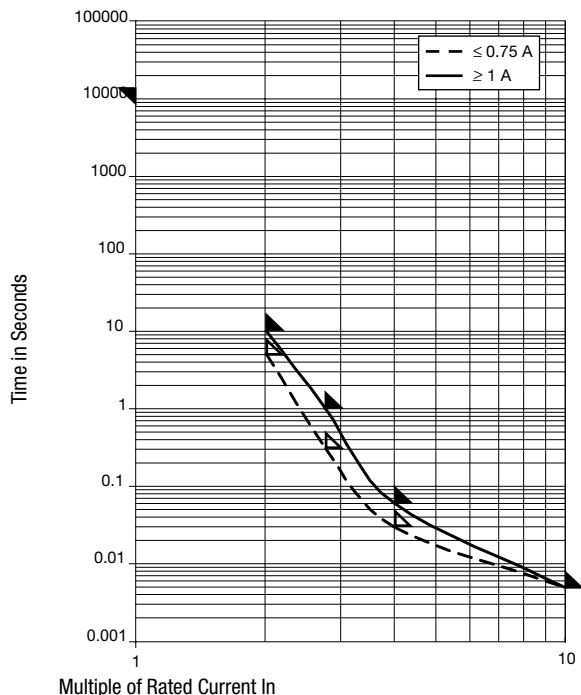


Soldering pads

Pre-Arcing Time


Rated Current I _n	1.0 x I _n min.	2.0 x I _n max.	2.75 x I _n max.	4.0 x I _n max.	10.0 x I _n max.
0.063 A - 0.75 A	4 h	5 s	300 ms	30 ms	5 ms
1 A - 15 A	4 h	10 s	-	60 ms	5 ms

Time-Current-Curves



All Variants

Rated Current [A]	Rated Voltage [VAC]	Rated Voltage [VDC]	Breaking Capacity	Voltage Drop 1.0 I _n typ. [mV]	Power Dissipation 1.0 I _n typ. [mW]	Melting I ² t 10.0 Intyp. [A ² s]	Order Number
0.063	125	125	1)	590	37	0.00022	● 7010.9750.63
0.063	125	125	1)	590	37	0.00022	● 7010.9750.57
0.125	125	125	1)	640	80	0.0024	● 7010.9760.63
0.25	125	125	1)	275	69	0.0061	● 7010.9770.63
0.25	125	125	1)	275	69	0.0061	● 7010.9770.57
0.375	125	125	1)	215	81	0.012	● 7010.9780.63
0.375	125	125	1)	215	81	0.012	● 7010.9780.57
0.5	125	125	1)	205	103	0.046	● 7010.9790.63
0.5	125	125	1)	205	103	0.046	● 7010.9790.57
0.5	125	125	1)	205	103	0.046	● 7010.9790.59
0.75	125	125	1)	190	143	0.09	● 7010.9800.63
0.75	125	125	1)	190	143	0.09	● 7010.9800.57
1	125	125	1)	180	180	0.11	● 7010.9810.63
1	125	125	1)	180	180	0.11	● 7010.9810.57
1.5	125	125	1)	185	278	0.25	● 7010.9820.63
1.5	125	125	1)	185	278	0.25	● 7010.9820.57
1.5	125	125	1)	185	278	0.25	● 7010.9820.59
2	125	125	1)	160	320	0.72	● 7010.9830.63
2	125	125	1)	160	320	0.72	● 7010.9830.57
2.5	125	125	1)	160	400	0.91	● 7010.9840.63
2.5	125	125	1)	160	400	0.91	● 7010.9840.57
3	125	125	1)	155	465	1.3	● 7010.9850.63

Rated Current [A]	Rated Voltage [VAC]	Rated Voltage [VDC]	Breaking Capacity	Voltage Drop 1.0 In typ. [mV]	Power Dissipation 1.0 I _n typ. [mW]	Melting I ² t 10.0 Intyp. [A ² s]		Order Number
3.5	125	125	1)	145	510	1.7	●	7010.9860.63
3.5	125	125	1)	145	510	1.7	●	7010.9860.57
4	125	125	1)	140	560	2.6	●	7010.9870.63
4	125	125	1)	140	560	2.6	●	7010.9870.57
5	63	125	2)	125	625	4	●	7010.9880.63
5	125	63	2)	125	625	4	●	7010.9880.57
5	125	63	2)	125	625	4	●	7010.9880.59
7	63	125	2)	120	840	8.5	●	7010.9890.63
7	125	63	2)	120	840	8.5	●	7010.9890.57
10	65	65	3)	110	1100	31	●	7010.9892.63
10	65	65	3)	110	1100	31	●	7010.9892.57
12	65	65	3)	115	1380	48	●	7010.9894.63
12	65	65	3)	115	1380	48	●	7010.9894.57
15	65	65	3)	105	1575	92	●	7010.9896.63
15	65	65	3)	105	1575	92	●	7010.9896.57

 Most Popular.

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

1) 300 A @ 125 VAC , p.f. ≥ 0.95 / 300 A @ 125 VDC

2) 300 A @ 63 VAC , p.f. ≥ 0.95 / 300 A @ 125 VDC

3) 300 A @ 65 VAC , p.f. ≥ 0.95 / 300 A @ 65 VDC

Packaging Unit .xx = .63 Plastic Bag (100 pcs.)
 .xx = .57 Blister Tape 18 cm Reel (1500 pcs.)