



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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Surface Mount Fuse, 5 x 20 mm, Time-Lag T, L, 250 VAC, Au plating



IEC 60127-2 · 250VAC · Time-Lag T

See below:
[Approvals and Compliances](#)

Description

- Directly solderable on printed circuit boards
- L = Low Breaking Capacity
- For rated current 1 A to 16 A, SMD-SPT is recommended

Applications

- Primary protection on SMD PCBs


References

[Packaging Details](#)

Weblinks

[pdf datasheet](#), [html-datasheet](#), [General Product Information](#), [Packaging details](#), [Distributor-Stock-Check](#), [Detailed request for product](#), [Microsite](#)

Technical Data

Rated Voltage	250VAC	Soldering Methods	Reflow Soldering Profile
Rated current	0.05 - 20A	Solderability	245 °C / 3 sec acc. to IEC 60068-2-58, Test Td
Breaking Capacity	35A - 125A	Resistance to Soldering Heat	260 °C / 10 sec acc. to IEC 60068-2-58, Test Td
Characteristic	Time-Lag T	Resistance to Vibration	acc. to IEC 60068-2-6, test Fc
Mounting	PCB,SMT	Load Humidity Test	MIL-STD-202, Method 103B 0.1 x In @ 0.85 r.H. @ 85°C
Admissible Ambient Air Temp.	-55 °C to 125 °C	Moisture Resistance Test	MIL-STD-202, Method 106E (50 cycles in a temp./mister chamber)
Climatic Category	55/125/21 acc. to IEC 60068-1	Terminal Strength	MIL-STD-202, Method 211A (Deflection of board 1 mm for 1 minute)
Material: Housing	Glass	Thermal Shock	MIL-STD-202, Method 107D (200 air-to-air cycles from -55 to +125°C)
Material: Terminals	Gold-Plated Copper Alloy	Case Resistance	acc. to EIA/IS-722, Test 4.7 >100 MΩ (between leads and body)
Unit Weight	1.05 g	Resistance to Solvents	MIL-STD-202, Method 215A
Storage Conditions	0 °C to 60 °C, max. 70% r.h.		
Product Marking	 Rated current, Rated Voltage, Characteristic, Breaking Capacity		




Approvals and Compliances

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

Approvals



The approval mark is used by the testing authorities to certify compliance with the safety requirements placed on electronic products.

Approval Reference Type: SMD-FST

Approval Logo	Certificates	Certification Body	Description
	VDE Approvals	VDE	VDE Certificate Number:
	UL Approvals	UL	UL File Number: E41599
	CQC Approvals	CQC	CCC Certificate Number:


Product standards

Product standards that are referenced

Organization	Design	Standard	Description
	Designed according to	UL 248-14	Low voltage fuses - Part 14: Additional fuses
	Designed according to	CSA22.2 No. 248.14	Low-Voltage Fuses - Part 14: Supplemental Fuses





Application standards

Application standards where the product can be used

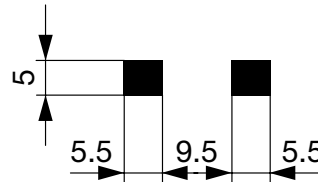
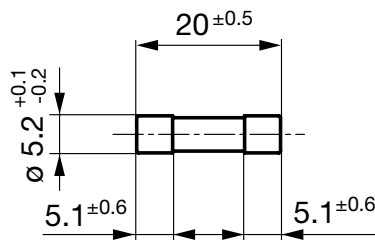
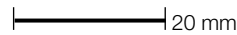
Organization	Design	Standard	Description
	Designed for applications acc.	IEC/UL 60950	IEC 60950-1 includes the basic requirements for the safety of information technology equipment.

Compliances

The product complies with following Guide Lines

Identification	Details	Initiator	Description
	CE declaration of conformity	SCHURTER AG	The CE marking declares that the product complies with the applicable requirements laid down in the harmonisation of Community legislation on its affixing in accordance with EU Regulation 765/2008.
	RoHS	SCHURTER AG	EU Directive RoHS 2011/65/EU
	China RoHS	SCHURTER AG	The law SJ / T 11363-2006 (China RoHS) has been in force since 1 March 2007. It is similar to the EU directive RoHS.
	REACH	SCHURTER AG	On 1 June 2007, Regulation (EC) No 1907/2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals 1 (abbreviated as "REACH") entered into force.

Dimension [mm]

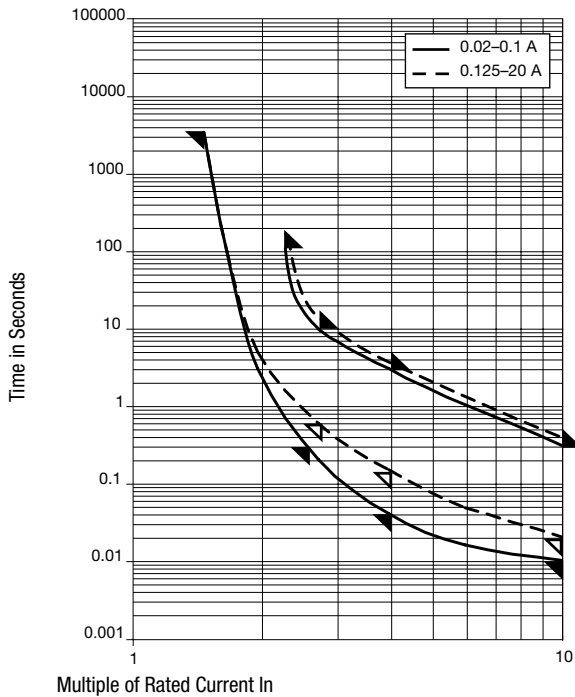


Soldering pads

Pre-Arcing Time


Rated Current In	1.5 x In min.	2.1 x In max.	2.75 x In min.	2.75 x In max.	4.0 x In min.	4.0 x In max.	10.0 x In min.	10.0 x In max.
0.05 A - 0.1 A	60 min	120 s	300 ms	10 s	40 ms	3 s	10 ms	300 ms
0.125 A - 6.3 A	60 min	120 s	600 ms	10 s	150 ms	3 s	20 ms	300 ms
8 A - 10 A	30 min	120 s	600 ms	10 s	150 ms	3 s	20 ms	300 ms
12.5 A - 20 A	15 min	120 s	600 ms	10 s	150 ms	3 s	20 ms	300 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]	Power Dissipation 1.5 I _n typ. [mW]	Melting I ² t 10.0 Intyp. [A ² s]		Order Number
0.05	250	1)	3500	950	1600	125	0.0363	● ●	0034.5604.11
0.05	250	1)	3500	950	1600	125	0.0363	● ●	0034.5604.22
0.063	250	1)	3000	1300	1600	200	0.0401	● ●	0034.5605.11
0.063	250	1)	3000	1300	1600	200	0.0401	● ●	0034.5605.22
0.08	250	1)	3000	1100	1600	300	0.057	● ●	0034.5606.11
0.08	250	1)	3000	1100	1600	300	0.057	● ●	0034.5606.22
0.1	250	1)	2500	565	1600	155	0.107	● ●	0034.5607.11
0.1	250	1)	2500	565	1600	155	0.107	● ●	0034.5607.22
0.125	250	1)	2000	400	1600	200	0.064	● ●	0034.5608.11
0.125	250	1)	2000	400	1600	200	0.064	● ●	0034.5608.22
0.16	250	1)	1900	415	1600	185	0.23	● ●	0034.5609.11
0.16	250	1)	1900	415	1600	185	0.23	● ●	0034.5609.22
0.2	250	1)	1500	270	1600	200	0.256	● ●	0034.5610.11
0.2	250	1)	1500	270	1600	200	0.256	● ●	0034.5610.22
0.25	250	1)	1300	210	1600	200	0.238	● ●	0034.5611.11
0.25	250	1)	1300	210	1600	200	0.238	● ●	0034.5611.22
0.315	250	1)	1100	170	1600	200	0.544	● ●	0034.5612.11
0.315	250	1)	1100	170	1600	200	0.544	● ●	0034.5612.22
0.4	250	1)	1000	150	1600	200	0.768	● ●	0034.5613.11
0.4	250	1)	1000	150	1600	200	0.768	● ●	0034.5613.22
0.5	250	1)	900	160	1600	200	3	● ●	0034.5614.11
0.5	250	1)	900	160	1600	200	3	● ●	0034.5614.22
0.63	250	1)	300	160	1600	200	4.35	● ●	0034.5615.11
0.63	250	1)	300	160	1600	200	4.35	● ●	0034.5615.22
0.8	250	1)	250	120	1600	200	3.85	● ●	0034.5616.11
0.8	250	1)	250	120	1600	200	3.85	● ●	0034.5616.22
1	250	1)	150	60	1600	200	3.3	● ●	0034.5617.11
1	250	1)	150	60	1600	200	3.3	● ●	0034.5617.22

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]	Power Dissipation 1.5 I _n typ. [mW]	Melting I ² t 10.0 Intyp. [A ² s]		Order Number
1.25	250	1)	150	60	1600	300	5.5	● ●	0034.5618.11
1.25	250	1)	150	60	1600	300	5.5	● ●	0034.5618.22
1.6	250	1)	150	60	1600	300	10.5	● ●	0034.5619.11
1.6	250	1)	150	60	1600	300	10.5	● ●	0034.5619.22
2	250	1)	150	60	1600	300	16	● ●	0034.5620.11
2	250	1)	150	60	1600	300	16	● ●	0034.5620.22
2.5	250	1)	120	60	1600	400	21.9	● ●	0034.5621.11
2.5	250	1)	120	60	1600	400	21.9	● ●	0034.5621.22
3.15	250	1)	100	60	1600	500	47	● ●	0034.5622.11
3.15	250	1)	100	60	1600	500	47	● ●	0034.5622.22
4	250	2)	100	60	1600	800	68.3	● ●	0034.5623.11
4	250	2)	100	60	1600	800	68.3	● ●	0034.5623.22
5	250	2)	100	60	1600	900	102	● ●	0034.5624.11
5	250	2)	100	60	1600	900	102	● ●	0034.5624.22
6.3	250	2)	100	60	1600	1000	190	● ●	0034.5625.11
6.3	250	2)	100	60	1600	1000	190	● ●	0034.5625.22
8	250	2)	100	60	4000	1300	275	● ● ●	0034.5626.11
8	250	2)	100	60	4000	1300	275	● ● ●	0034.5626.22
10	250	2)	100	60	4000	1300	520	● ● ●	0034.5627.11
10	250	2)	100	60	4000	1300	520	● ● ●	0034.5627.22
12.5	250	3)	-	60	-	2500	750	● ●	0034.5628.11
12.5	250	3)	-	60	-	2500	750	● ●	0034.5628.22
16	250	3)	-	60	-	3300	1638	● ●	0034.5629.11
16	250	3)	-	60	-	3300	1638	● ●	0034.5629.22
20	250	3)	-	60	-	4200	3057	● ●	0034.5630.11
20	250	3)	-	60	-	4200	3057	● ●	0034.5630.22

Most Popular.

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

- 1) 35 A @ 250 VAC
- 2) 10 In @ 250 VAC
- 3) 125 A @ 250 VAC

Packaging Unit .xx = .11 Plastic Bag (100 pcs.)
 .xx = .22 Blister Tape 33 cm Reel (1000 pcs.)