



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



IEC 60127-2 · 250VAC · Time-Lag T



Description

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

Standards

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

Approvals

- VDE Certificate Number: 40011522
- UL File Number: E41599

Applications

- Primary protection on SMD PCBs


References

[Packaging Details](#)

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](#)

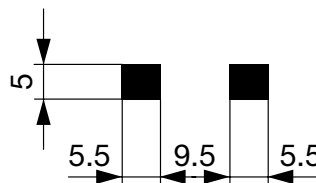
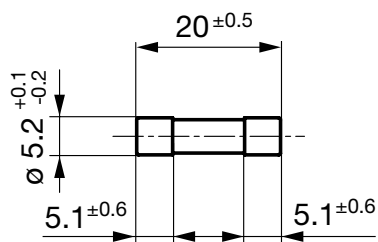
Technical Data

Rated Voltage	250VAC
Rated current	0.05 - 20A
Breaking Capacity	35A - 125A
Characteristic	Time-Lag T
Mounting	PCB,SMT
Admissible Ambient Air Temp.	-55 °C to 125 °C
Climatic Category	55/125/21 acc. to IEC 60068-1
Material: Housing	Glass
Material: Terminals	Gold-Plated Copper Alloy
Unit Weight	1.05 g
Storage Conditions	0 °C to 60 °C, max. 70% r.h.
Product Marking	 , Rated current, Rated Voltage, Characteristic, Breaking Capacity

Soldering Methods	Reflow Soldering Profile
Solderability	245 °C / 3sec acc. to IEC 60068-2-58, Test Td
Resistance to Soldering Heat	260 °C / 10sec acc. to IEC 60068-2-58, Test Td
Resistance to Vibration	acc. to IEC 60068-2-6, test Fc
Load Humidity Test	MIL-STD-202, Method 103B 0.1 x ln @ 0.85 r.H. @ 85 °C
Moisture Resistance Test	MIL-STD-202, Method 106E (50 cycles in a temp./mister chamber)
Terminal Strength	MIL-STD-202, Method 211A (Deflection of board 1 mm for 1 minute)
Thermal Shock	MIL-STD-202, Method 107D (200 air-to-air cycles from -55 to +125 °C)
Case Resistance	acc. to EIA/IS-722, Test 4.7 >100 MΩ (between leads and body)
Resistance to Solvents	MIL-STD-202, Method 215A

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

Dimension

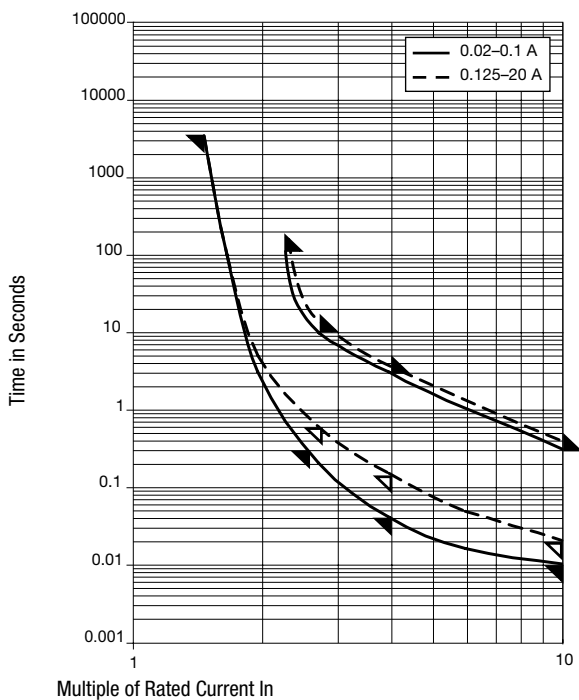


Soldering pads


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 - 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
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

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
20	250	3)	-	60	-	4200	3057		0034.5630.22

Most Popular.

Availability for all products can be searched real-time: <http://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.)