



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, cULus



UL 248-14 · 250 VAC · Time-Lag T



Description

- Directly solderable on printed circuit boards
- Low Breaking Capacity

Standards

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

Approvals

- UL File Number: E41599
- CSA File Number: 51172

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](#)

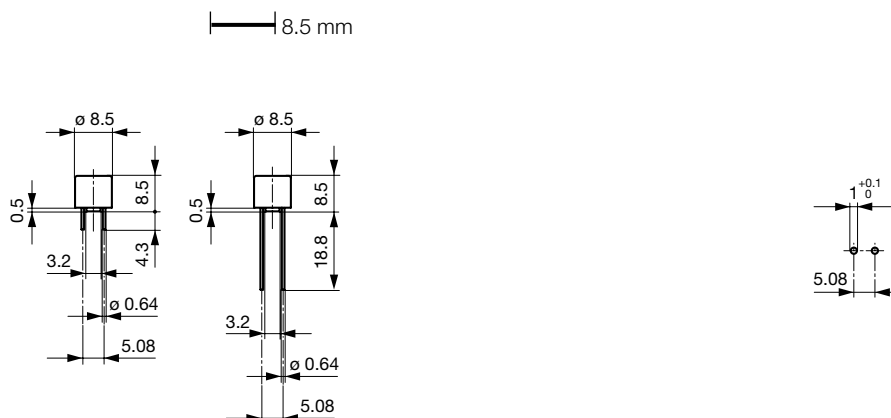
Technical Data

Rated Voltage	250VAC
Rated current	0.063 - 10A
Breaking Capacity	50A
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	0.53 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 / 10 sec 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	MIL-STD-202, Method 211A (Deflection of board 1 mm for 1 minute)
Case Resistance	acc. to EIA/IS-722, Test 4.7 >100 MΩ (between leads and body)
Mechanical Shock	(acc. to EIA/IS-722, Test 4.9)
Vibration, High Frequency	MIL-STD-202, Method 204D Shock 20 gn, 20 min, 10-2 kHz, 12 cyc.
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



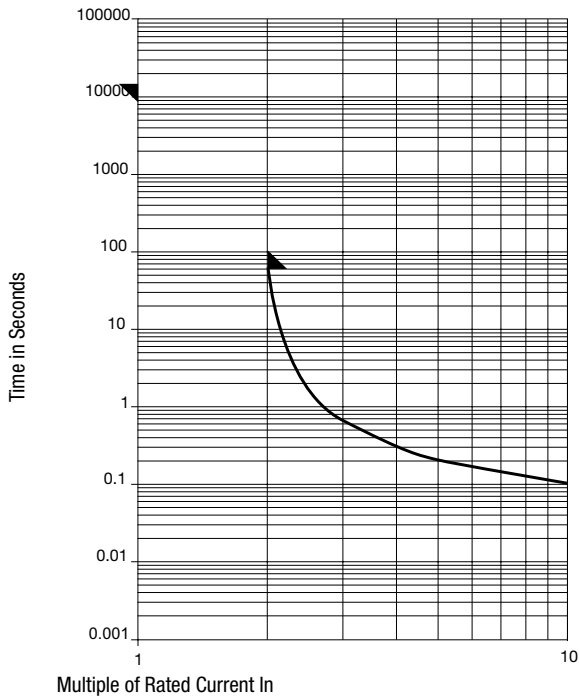
Drilling diagram

Pre-Arcing Time


Rated Current In 1.0 x In min. 2.0 x In max.


0.063 A - 10 A	4 h	60 s
----------------	-----	------

Time-Current-Curves



All Variants

Rated Current [A]	Rated Voltage [VAC]	Breaking Capacity	Voltage Drop 1.0 In typ. [mV]	Power Dissipation 1.0 In typ. [mW]	Melting I ² t 10.0 In typ. [A ² s]		S	L	T	Order Number
0.063	250	1)	544	37	0.0176	●	●			0034.7103
0.08	250	1)	413	38	0.0313	●	●			0034.7104
0.1	250	1)	318	35	0.0456	●	●			0034.7105
0.125	250	1)	289	40	0.0567	●	●			0034.7106
0.16	250	1)	219	38	0.0692	●	●			0034.7107
0.2	250	1)	262	60	0.133	●	●			0034.7108
0.25	250	1)	202	55	0.258	●	●			0034.7109
0.315	250	1)	168	49	0.361	●	●			0034.7110
0.4	250	1)	159	69	0.528	●	●			0034.7111
0.5	250	1)	143	78	0.898	●	●			0034.7112
0.63	250	1)	124	85	2.24	●	●			0034.7113
0.8	250	1)	114	98	4.05	●	●			0034.7114
1	250	1)	100	107	6.85	●	●			0034.7115
1.25	250	1)	94	127	7.93	●	●			0034.7116
1.6	250	1)	85	145	17.5	●	●			0034.7117
2	250	1)	80	175	28.6	●	●			0034.7118
2.5	250	1)	75	205	40.9	●	●			0034.7119
3.15	250	1)	71	240	55	●	●			0034.7120
4	250	1)	72	303	67.2	●	●			0034.7121
5	250	1)	70	376	142	●	●			0034.7122
6.3	250	1)	68	488	287	●	●			0034.7123

Rated Current [A]	Rated Voltage [VAC]	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]		S	L	T	Order Number
8	250	1)	50	445	422	●	●			0034.7124
10	250	1)	50	630	564	●	●			0034.7125
0.063	250	1)	544	37	0.0176	●		●		0034.7203
0.08	250	1)	413	38	0.0313	●		●		0034.7204
0.1	250	1)	318	35	0.0456	●		●		0034.7205
0.125	250	1)	289	40	0.0567	●		●		0034.7206
0.16	250	1)	219	38	0.0692	●		●		0034.7207
0.2	250	1)	262	60	0.133	●		●		0034.7208
0.25	250	1)	202	55	0.258	●		●		0034.7209
0.315	250	1)	168	49	0.361	●		●		0034.7210
0.4	250	1)	159	69	0.528	●		●		0034.7211
0.5	250	1)	143	78	0.898	●		●		0034.7212
0.63	250	1)	124	85	2.24	●		●		0034.7213
0.8	250	1)	114	98	4.05	●		●		0034.7214
1	250	1)	100	107	6.85	●		●		0034.7215
1.25	250	1)	94	127	7.93	●		●		0034.7216
1.6	250	1)	85	145	17.5	●		●		0034.7217
2	250	1)	80	175	28.6	●		●		0034.7218
2.5	250	1)	75	205	40.9	●		●		0034.7219
3.15	250	1)	71	240	55	●		●		0034.7220
4	250	1)	72	303	67.2	●		●		0034.7221
5	250	1)	70	376	142	●		●		0034.7222
6.3	250	1)	68	488	287	●		●		0034.7223
8	250	1)	50	445	422	●		●		0034.7224
10	250	1)	50	630	564	●		●		0034.7225
0.063	250	1)	544	37	0.0176	●		●		0034.7303
0.08	250	1)	413	38	0.0313	●		●		0034.7304
0.1	250	1)	318	35	0.0456	●		●		0034.7305
0.125	250	1)	289	40	0.0567	●		●		0034.7306
0.16	250	1)	219	38	0.0692	●		●		0034.7307
0.2	250	1)	262	60	0.133	●		●		0034.7308
0.25	250	1)	202	55	0.258	●		●		0034.7309
0.315	250	1)	168	49	0.361	●		●		0034.7310
0.4	250	1)	159	69	0.528	●		●		0034.7311
0.5	250	1)	143	78	0.898	●		●		0034.7312
0.63	250	1)	124	85	2.24	●		●		0034.7313
0.8	250	1)	114	98	4.05	●		●		0034.7314
1	250	1)	100	107	6.85	●		●		0034.7315
1.25	250	1)	94	127	7.93	●		●		0034.7316
1.6	250	1)	85	145	17.5	●		●		0034.7317
2	250	1)	80	175	28.6	●		●		0034.7318
2.5	250	1)	75	205	40.9	●		●		0034.7319
3.15	250	1)	71	240	55	●		●		0034.7320
4	250	1)	72	303	67.2	●		●		0034.7321
5	250	1)	70	376	142	●		●		0034.7322
6.3	250	1)	68	488	287	●		●		0034.7323
8	250	1)	50	445	422	●		●		0034.7324
10	250	1)	50	630	564	●		●		0034.7325

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

1) 50 A @ 250 VAC

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