OMK 125

Surface Mount Fuse with Holder, 12 x 5.2 mm, Quick-Acting F, 125 VAC, 125 VDC



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

Description
- Directly solderable on printed circuit boards
- OMK 125 = OMF 125 + OMH 125

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

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

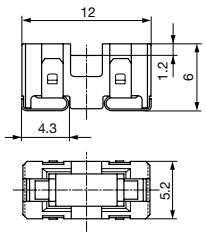
Technical Data

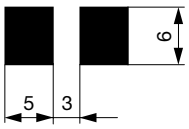
Rated Voltage	125 VAC, 125 VDC
Rated current	0.063 - 5 A
Breaking Capacity	100 A
Characteristic	Quick-Acting F
Mounting	PCB,SMT
Admissible Ambient Air Temp.	-40 °C to 85 °C
Climatic Category	40/085/21 acc. to IEC 60068-1
Material: Housing	Thermoplastic, UL 94V-0
Material: Terminals	Tin-Plated Copper
Unit Weight	0.47 g
Storage Conditions	0 °C to 60 °C, max. 70% r.h.
Product Marking	, Type, Rated current, Approvals

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

Dimension

12 mm



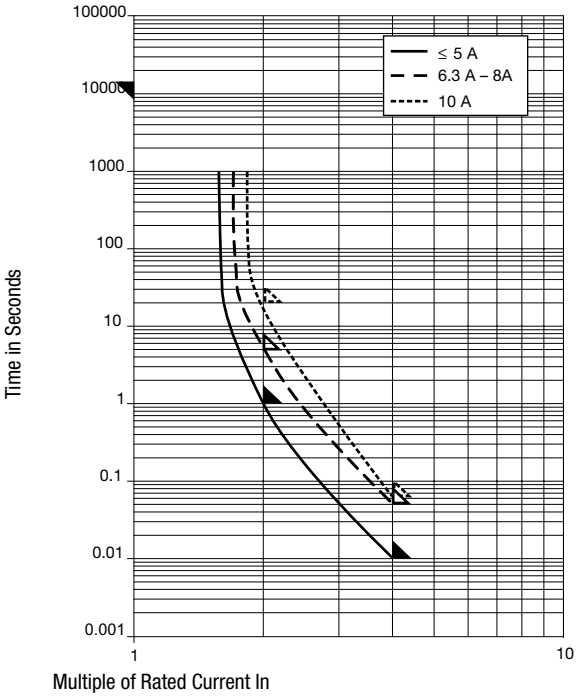


Soldering pads

Pre-Arcing Time

Rated Current In	1.0 x In min.	2.0 x In max.	4.0 x In max.
0.063 A - 5 A	4 h	1 s	10 ms

Time-Current-Curves



All Variants

Fuse	Holder	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^2t 4.0 In typ. [A^2s]	Order Number
●	●	0.063	125	125	1)	2550	160	0.00011	3404.2303.11
●	●	0.063	125	125	1)	2550	160	0.00011	3404.2303.22
●	●	0.063	125	125	1)	2550	160	0.00011	3404.2303.23
●	●	0.1	125	125	1)	1770	180	0.00067	3404.2304.11
●	●	0.1	125	125	1)	1770	180	0.00067	3404.2304.22
●	●	0.1	125	125	1)	1770	180	0.00067	3404.2304.23
●	●	0.125	125	125	1)	1770	220	0.0011	3404.2349.11
●	●	0.125	125	125	1)	1770	220	0.0011	3404.2349.22
●	●	0.125	125	125	1)	1770	220	0.0011	3404.2349.23
●	●	0.16	125	125	1)	1700	270	0.0018	3404.2305.11
●	●	0.16	125	125	1)	1700	270	0.0018	3404.2305.22
●	●	0.16	125	125	1)	1700	270	0.0018	3404.2305.23
●	●	0.25	125	125	1)	990	250	0.0058	3404.2306.11
●	●	0.25	125	125	1)	990	250	0.0058	3404.2306.22
●	●	0.25	125	125	1)	990	250	0.0058	3404.2306.23
●	●	0.35	125	125	1)	990	350	0.0076	3404.2343.11
●	●	0.35	125	125	1)	990	350	0.0076	3404.2343.22
●	●	0.35	125	125	1)	990	350	0.0076	3404.2343.23
●	●	0.375	125	125	1)	990	370	0.013	3404.2344.11
●	●	0.375	125	125	1)	990	370	0.013	3404.2344.22
●	●	0.375	125	125	1)	990	370	0.013	3404.2344.23
●	●	0.4	125	125	1)	960	380	0.016	3404.2307.11
●	●	0.4	125	125	1)	960	380	0.016	3404.2307.22
●	●	0.4	125	125	1)	960	380	0.016	3404.2307.23
●	●	0.5	125	125	1)	350	150	0.01	3404.2345.11
●	●	0.5	125	125	1)	350	150	0.01	3404.2345.22
●	●	0.5	125	125	1)	350	150	0.01	3404.2345.23
●	●	0.63	125	125	1)	290	180	0.02	3404.2308.11
●	●	0.63	125	125	1)	290	180	0.02	3404.2308.22

Fuse	Holder	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^2t 4.0 In typ. [A^2s]	Order Number
●	●	0.63	125	125	1)	290	180	0.02	3404.2308.23
●	●	0.75	125	125	1)	260	200	0.031	3404.2346.11
●	●	0.75	125	125	1)	260	200	0.031	3404.2346.22
●	●	0.75	125	125	1)	260	200	0.031	3404.2346.23
●	●	1	125	125	1)	220	220	0.078	3404.2309.11
●	●	1	125	125	1)	220	220	0.078	3404.2309.22
●	●	1	125	125	1)	220	220	0.078	3404.2309.23
●	●	1.25	125	125	1)	220	280	0.14	3404.2310.11
●	●	1.25	125	125	1)	220	280	0.14	3404.2310.22
●	●	1.25	125	125	1)	220	280	0.14	3404.2310.23
●	●	1.5	125	125	1)	200	300	0.24	3404.2347.11
●	●	1.5	125	125	1)	200	300	0.24	3404.2347.22
●	●	1.5	125	125	1)	200	300	0.24	3404.2347.23
●	●	1.6	125	125	1)	200	320	0.27	3404.2311.11
●	●	1.6	125	125	1)	200	320	0.27	3404.2311.22
●	●	1.6	125	125	1)	200	320	0.27	3404.2311.23
●	●	2	125	125	1)	200	400	0.44	3404.2312.11
●	●	2	125	125	1)	200	400	0.44	3404.2312.22
●	●	2	125	125	1)	200	400	0.44	3404.2312.23
●	●	2.5	125	125	1)	190	480	0.97	3404.2313.11
●	●	2.5	125	125	1)	190	480	0.97	3404.2313.22
●	●	2.5	125	125	1)	190	480	0.97	3404.2313.23
●	●	3	125	125	1)	190	570	1.3	3404.2314.11
●	●	3	125	125	1)	190	570	1.3	3404.2314.22
●	●	3	125	125	1)	190	570	1.3	3404.2314.23
●	●	3.15	125	125	1)	190	600	1.2	3404.2348.11
●	●	3.15	125	125	1)	190	600	1.2	3404.2348.22
●	●	3.15	125	125	1)	190	600	1.2	3404.2348.23
●	●	3.5	125	125	1)	140	490	1.6	3404.2315.11
●	●	3.5	125	125	1)	140	490	1.6	3404.2315.22
●	●	3.5	125	125	1)	140	490	1.6	3404.2315.23
●	●	4	125	125	1)	140	560	2.1	3404.2316.11
●	●	4	125	125	1)	140	560	2.1	3404.2316.22
●	●	4	125	125	1)	140	560	2.1	3404.2316.23
●	●	5	125	125	1)	140	700	2.9	3404.2317.11
●	●	5	125	125	1)	140	700	2.9	3404.2317.22
●	●	5	125	125	1)	140	700	2.9	3404.2317.23

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

1) 100 A @ 125 VAC/DC

Packaging Unit

.xx = .11 Plastic Bag (100 pcs.)
.xx = .22 Blister Tape 33 cm Reel (750 pcs.)
.xx = .23 Blister Tape 38 cm Reel (1500 pcs.)

19.11.2016

The specifications, descriptions and illustrations indicated in this document are based on current information. All content is subject to modifications and amendments. Information furnished is believed to be accurate and reliable. However, users should independently evaluate the suitability and test each product selected for their own applications.