

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



CCC

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](#)

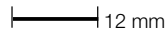
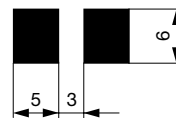
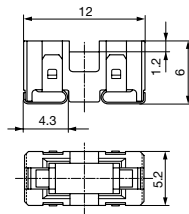
Weblinks

[General Product Information](#), [Approvals](#), [RoHS](#), [CHINA-RoHS](#), [e-Store](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#)

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, Current, Approvals

Soldering Methods	Reflow
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

Dimensions
 12 mm


Soldering pads

Pre-Arcing Time

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

Variants

Fuse	Holder	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 4.0 In typ. [A ² s]	CCC	Order Number
●	●	0.063	125	125	1)	2550	160	0.00011	●	3404.2303.xx
●	●	0.1	125	125	1)	1770	180	0.00067	●	3404.2304.xx
●	●	0.125	125	125	1)	1770	220	0.0011	●	3404.2349.xx
●	●	0.16	125	125	1)	1700	270	0.0018	●	3404.2305.xx
●	●	0.25	125	125	1)	990	250	0.0058	●	3404.2306.xx
●	●	0.35	125	125	1)	990	350	0.0076	●	3404.2343.xx
●	●	0.375	125	125	1)	990	370	0.013	●	3404.2344.xx
●	●	0.4	125	125	1)	960	380	0.016	●	3404.2307.xx
●	●	0.5	125	125	1)	350	150	0.01	●	3404.2345.xx
●	●	0.63	125	125	1)	290	180	0.02	●	3404.2308.xx
●	●	0.75	125	125	1)	260	200	0.031	●	3404.2346.xx
●	●	1	125	125	1)	220	220	0.078	●	3404.2309.xx
●	●	1.25	125	125	1)	220	280	0.14	●	3404.2310.xx
●	●	1.5	125	125	1)	200	300	0.24	●	3404.2347.xx
●	●	1.6	125	125	1)	200	320	0.27	●	3404.2311.xx
●	●	2	125	125	1)	200	400	0.44	●	3404.2312.xx
●	●	2.5	125	125	1)	190	480	0.97	●	3404.2313.xx
●	●	3	125	125	1)	190	570	1.3	●	3404.2314.xx
●	●	3.15	125	125	1)	190	600	1.2	●	3404.2348.xx
●	●	3.5	125	125	1)	140	490	1.6	●	3404.2315.xx
●	●	4	125	125	1)	140	560	2.1	●	3404.2316.xx
●	●	5	125	125	1)	140	700	2.9	●	3404.2317.xx

1) 100 A @ 125 VAC/DC

Packaging Unit

- .xx = .11 Plastic Bag (100 pcs.)
- .xx = .22 Blister Tape 18 cm Reel (750 pcs.)
- .xx = .23 Blister Tape 33 cm Reel (1500 pcs.)

Time-Current-Curves

