

Surface Mount Fuse, 3.2 x 1.6 mm, Super-Quick-Acting FF, 24 VDC, low impedance

new



UL 248-14 · 125VAC · 63VDC · Super-Quick-Acting FF



Description

- Low impedance, very fast opening time
- Complement USF 1206 with lower current ratings

Standards

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

Approvals

- UL File Number: E41599

Applications

- Semiconductor Protection

References

[General Product Information](#)
[Packaging Details](#)

Weblinks

[Approvals](#), [RoHS](#), [CHINA-RoHS](#), [e-Store](#), [Distributor-Stock-Check](#), [Accessories](#), [Product Change Notification \(PCN\)](#)

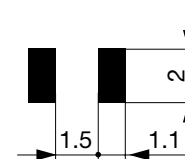
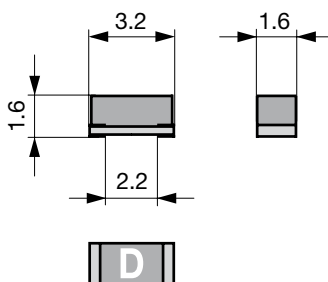
Technical Data

Rated Voltage	125 VAC, 63VDC
Rated Current	0.16 - 0.25A
Breaking Capacity	100A
Characteristic	Super-Quick-Acting FF
Mounting	PCB,SMT
Admissible Ambient Air Temp.	-55 °C to 90 °C
Climatic Category	55/090/21 acc. to IEC 60068-1
Material: Housing	Epoxyd Glass, UL 94V-0
Material: Terminals	Gold-Plated Copper Alloy
Unit Weight	0.0133 g
Storage Conditions	0 °C to 60 °C, max. 70% r.h.
Product Marking	Letter (see variants)

Soldering Methods	Reflow
Solderability	245 °C / 3 sec acc. to IEC 60068-2-58, Test Td
Resistance to Soldering Heat	260 °C / 30sec acc. to IPC/JEDEC J-STD-020D, Level 1
Terminal Strength	MIL-STD-202, Method 211A (Deflection of board 1 mm for 1 minute)
Resistance to Solvents	MIL-STD-202, Method 215A

Dimensions

3.2 mm




Soldering pads

Pre-Arcing Time

Rated Current In	1.0 x In min.	2.5 x In max.	10.0 x In min.	10.0 x In max.
0.16 A - .25 A	4 h	5 s	0.1 ms	1 ms

Variants

Rated Current [A]	Rated Voltage [VAC]	Rated Voltage [VDC]	Marking	Breaking Capacity	Voltage Drop 1.0 In typ. [mV]	Cold Resistance typ. [mΩ]	Melting I ² t 8.0 In typ. [A ² s]		Order Number
0.16	125	63	0.16	1)	95	510	0.0015	●	3413.0008.xx
0.2	125	63	C	1)	87	365	0.0029	●	3413.0009.xx
0.25	125	63	D	1)	75	255	0.0032	●	3413.0010.xx

1) 100 A @ 125 VAC, 100 A @ 63 VDC

Packaging Unit

- .xx = .11 Blister Tape (100 pcs.)
- .xx = .22 Blister Tape 18 cm Reel (1000 pcs.)
- .xx = .24 Blister Tape 18 cm Reel (5000 pcs.)
- .xx = .26 Blister Tape 33 cm Reel (15000 pcs.)

Time-Current-Curves

