

F20 EV Fuse



DESCRIPTION

The Adler F20 1000 Vdc SMD fuse series is specially engineered and tested to provide best-in-class protection performance in Electrical Vehicles and Hybrid Electrical Vehicles, up to 1000 Vdc in ratings from 0.8 A to 3 A.

AGENCY INFORMATION

- Manufactured in accordance with AEC-Q-200 qualification standards
- Approvals: UL file: E499007.

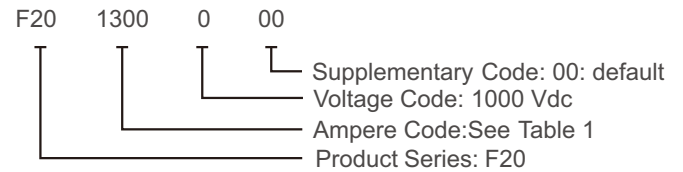
FEATURES

- 1000Vdc automotive fuse
- Rated currents from 0.8 A to 3 A
- Compact size and power density
- 10 kA breaking capacity

APPLICATIONS

- Power supply protection
- BMS protection

PART NUMBER SYSTEM

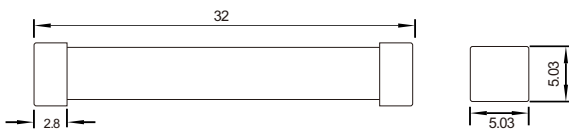


ELECTRICAL SPECIFICATIONS

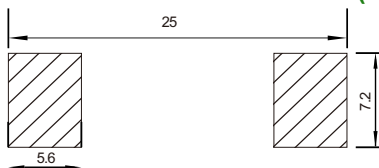
Part Number	Rated Current	Ampere Code	Rated Voltage	Breaking Capacity	Lower Cold Resistance (mΩ)	Upper Cold Resistance (mΩ)	Voltage Drop (mV)	I ² t(A ² S)	Certifications
								Pre-Arcing	
F200200000	0.80 A	0800	1000 Vdc	10kA@1000 Vdc	460	630	500	0.65	●
F201100000	1.00A	1100			370	505	480	1.3	●
F201200000	2.00A	1200			115	165	415	1.5	●
F201250000	2.50A	1250			85	130	385	2.5	●
F201300000	3.00A	1300			70	115	390	4.0	●

Table1 Note: 1. ●=Certification obtained. UL File number:E4990077
2. Pre-arcing I²t values are typical and tested at 10°In current.

DIMENSIONS (mm)



RECOMMENDED PAD LAYOUT (mm)



TIME VS CURRENT CHARACTERISTIC

Rated Current	100 %	250 %
0.8-3 A	>4 h	<120S

TIME CURRENT CURVE

