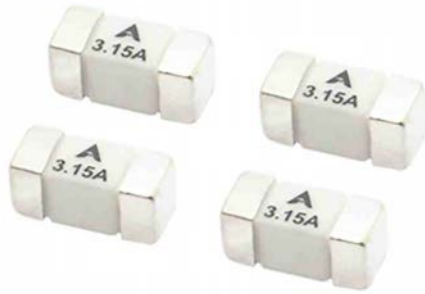


F19 EV FUSE



DESCRIPTION

The Adler F19 500Vdc SMD fuse series is specially engineered and tested to provide best-in-class protection performance in Electrical Vehicles and Hybrid Electrical Vehicles, up to 500 Vdc in ratings from 1 A to 5 A.

FEATURES

- 500Vdc automotive fuse
- Rated currents from 1 A to 5 A
- Compact size and power density

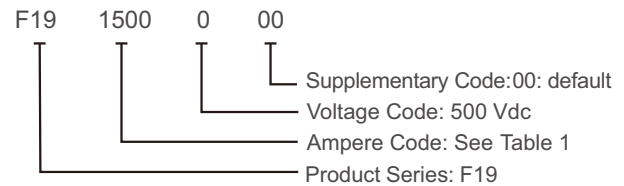
APPLICATIONS

- BDU Protection
- Drive Train Protection
- EV/HEV Power Management and Protection

AGENCY INFORMATION

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

PART NUMBERING SYSTEM

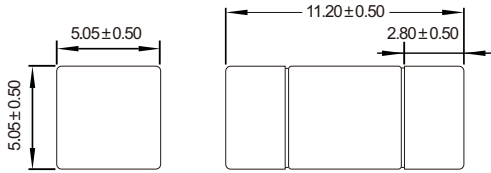


ELECTRICAL SPECIFICATIONS

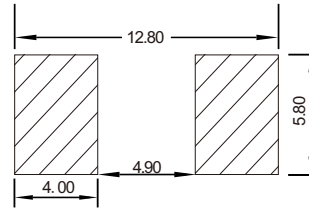
Part Number	Rated Current	Ampere Code	R _c Vol	Typical Cold Resistance (mΩ)	Voltage Drop (mV)	Alpha Mark	I ² t(A ² S)		Certifications
							Pre-Arcing	UL	
F191100000	1.00 A	1100	500 Vdc 350 Vdc 350 Vac	153	220	1	0.5	•	
F191125000	1.25A	1125		117	210	1.25	0.95	•	
F191160000	1.60A	1160		74	190	1.6	2.3	•	
F191200000	2.00 A	1200		58	185	2	4.1	•	
F191250000	2.50A	1250		33	120	2.5	2.6	•	
F191315000	3.15A	1315		27	140	3.15	3.3	•	
F191400000	4.00 A	1400	450 Vdc 125 Vdc 350 Vac	21	140	4	5.5	•	
F191500000	5.00A	1500		14	130	5	11.5	•	

Table1 Note: 1.●=Certification obtained. UL File number:E4990077
2.Pre-arcing I²t values are typical and tested at 10*In current.
3.DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25°C.

DIMENSIONS (mm)



RECOMMENDED PAD LAYOUT (mm)



TIME VS CURRENT CHARACTERISTIC

Rated Current	125 %	200 %	1000 %
1-5 A	>1 h	<120s	<1 s

TIME CURRENT CURVE

