

COMMON MODE CHOKES FASF1211,1513 SERIES



FEATURES:

From big to small size SMD Design, Wire wound constructure common mode choke with best EMI suppression effect high impedance but very high rated current and low D.C.R.

APPLICATIONS:

Preventive measure against common mode noise radiation emissions from power line or else Best for high current circuit such as car, wireless charging and power device design.

GENERAL SPECIFICATIONS:

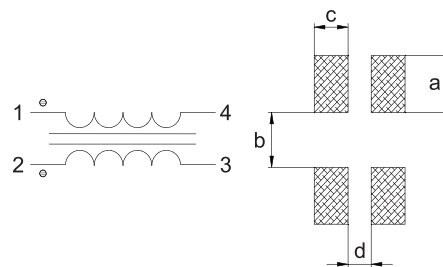
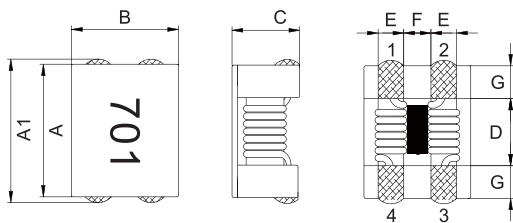
Impedance tolerance: M in at 20°C.
 Operating temperature: -40°C to +125°C
 Storage Temp: -0°C to +40°C
 Resistance to Soldering Heat: 260°C for 10 sec.
 Temperature Rise: 40°C Typ. at Rated Current.
 All parts meet ROHS compliance.

ELECTRICAL CHARACTERISTICS

Part Number	Impedance [Ω]Min 100MHz	D.C. Resistor [mΩ] Max at 20°C	Rated current [A]Max	Part Number	Impedance [Ω]Min 100MHz	D.C. Resistor [mΩ] Max at 20°C	Rated current [A]Max
FASF1211-800	80	4.0	10	FASF1513-301	100	5.0	13
FASF1211-701	500	6.0	8.0	FASF1513-551	450	5.5	10
FASF1211-102	750	14.0	6.0	FASF1513-701	500	7.0	10
FASF1211-222	1700	35.0	1.8				
FASF1211-272	2000	50.0	1.5				

TECHNICAL INFORMATION

ELECTRICAL SCHEMATIC & PAD LAYOUT



DIMENSIONS:MM

Part number	A	A1	B	C	D	E	F	G	a	b	c	d
FASF1211	12.0±0.5	12.5±0.6	10.8±0.5	6.6 Max	7.0 REF	2.7 REF	2.5 REF	2.5 REF	3.9 REF	6.1 REF	3.1 REF	2.3 REF
FASF1513	15.0±0.5	15.5±0.6	13.0±0.5	6.3 Max	9.0 REF	2.7 REF	3.8 REF	3.0 REF	4.2 REF	8.2 REF	3.1 REF	3.2 REF