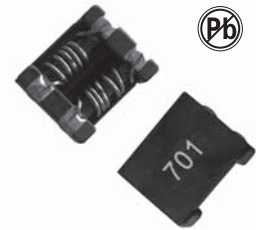


COMMON MODE CHOKES FASF4520 SERIES



FEATURES:

Small size SMD Design, Wire wound construction, common mode choke with best EMI suppression effect, high impedance but very high rated current and low DCR.

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:

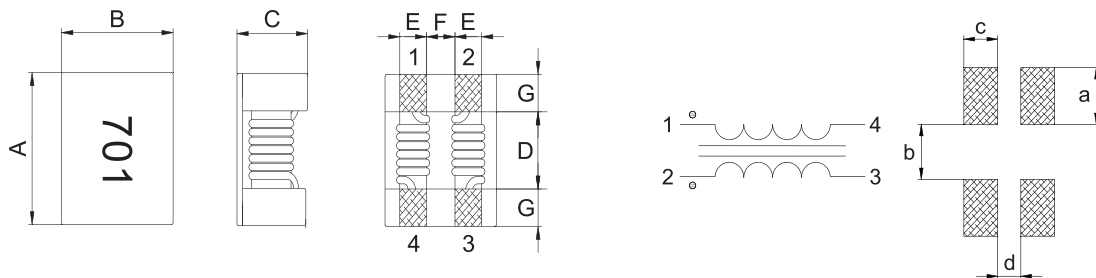
Impedance tolerance: Min at 20°C.
Operating temperature: -40°C to +125°C.
Storage Temp: -0°C to +40°C.
Resistance to Soldering Heat: 260°C for 10 sec.
Temperature Rise: 40°C Typ. at Rated Current.
All parts meet ROHS compliance.

ELECTRICAL CHARACTERISTICS

Part Number	Impedance [Ω] Min 100MHz	D.C. Resistor [$m\Omega$] Max at 20°C	Rated current [mA]	Rated Voltage [V] Max	Insulation Resistance [$M\Omega$] Min
FASF4520-900	30	35	3.2	50	10
FASF4520-151	80	38	3.1	50	10
FASF4520-231	180	39	3.0	50	10
FASF4520-301	180	39	3.0	50	10
FASF4520-401	200	50	2.5	50	10
FASF4520-501	300	55	2.4	50	10
FASF4520-701	500	59	2.2	50	10
FASF4520-901	700	68	2.1	50	10
FASF4520-102	800	68	2.1	50	10
FASF4520-122	1000	74	2.0	50	10
FASF4520-142	1200	81	1.9	50	10

TECHNICAL INFORMATION

ELECTRICAL SCHEMATIC & PAD LAYOUT



DIMENSIONS:MM

Part number	A	B	C	D	E	F	G	a	b	c	d
FASF4520	4.70±0.5	4.50±0.5	2.0 Max	2.7 REF	0.75 REF	1.25 REF	1.00 REF	1.75 REF	2.00 REF	1.75 REF	0.90 REF