

SMD COMMON MODE CHOKES FASCM0904 SERIES



FEATURES:

High rated currents, reduced components height
Wire wound construction with best EMI suppression effect
high impedance

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.
Industrial applications

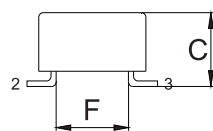
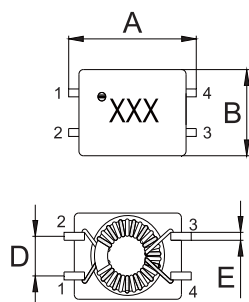
GENERAL SPECIFICATIONS:

Rated current 0.4A to 1.0A.
Inductance: 11 μ H to 4700 μ H.
Turns ratio: N1:N2=1:1 \pm 2%.
Inductance tolerance: +50/ -30% at 20°C.
Operating temperature: -25°C to +105°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.

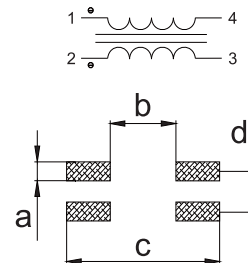
ELECTRICAL CHARACTERISTICS

Part Number	Impedance [Ω]Min	Inductance [μ H]+50/-30% 100KHz/100mV	Leakage Inductance[1-4] [2-3short] [μ H]Typ	Rated current [A]	D.C. Resistor [m Ω] Max at 20°C	Test Frequency
FASCM0904-110	160	11	0.08	1.00	120	20~300MHz
FASCM0904-250	450	25	0.15	0.90	120	20~150MHz
FASCM0904-10	800	51	0.20	0.80	150	20~100MHz
FASCM0904-101	600	100	0.25	0.70	100	3~20MHz
FASCM0904-471	1200	470	0.28	0.70	280	2~15MHz
FASCM0904-102	1800	1000	0.28	0.70	300	1~10MHz
FASCM0904-222	3000	2200	0.29	0.50	400	0.8~5MHz
FASCM0904-472	5000	4700	0.30	0.40	700	0.5~3MHz

TECHNICAL INFORMATION



ELECTRICAL SCHEMATIC & PAD LAYOUT



DIMENSIONS:MM

Part number	A	B	C	D	E	F	a	b	c	d
FASCM0904	9.00 \pm 0.5	5.50 \pm 0.4	4.70 \pm 0.4	2.54 \pm 0.3	0.50 REF	5.50 REF	1.20 REF	4.50 REF	10.5 REF	2.54 REF