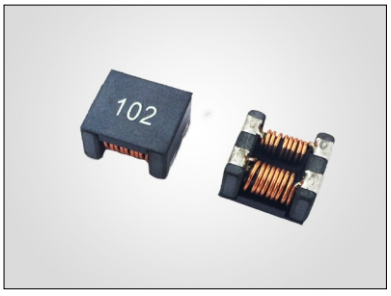
Common Mode Filters - MACM4520 Series

MEISONGBEI



Features

- Chip common mode filter for large current applications.
- Compatible with high-density portable devices.

Applications

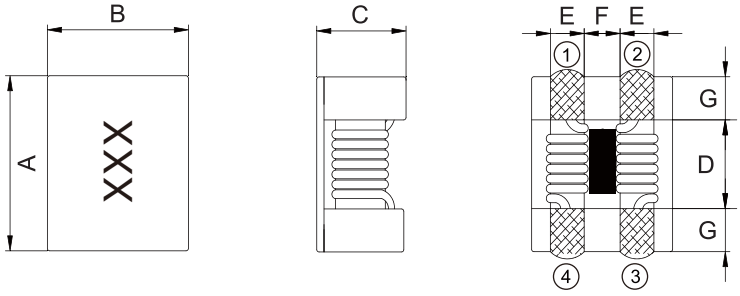
- Power line noise countermeasure for various electronic equipment.
- Noise countermeasure for adapter lines and battery lines or larger electronic equipment

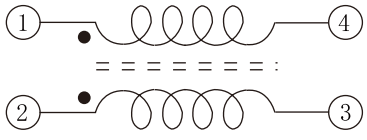
General Specifications

- Storage temp range: -40°C to +85°C
- Operating temp range: -40°C to +125°C

RoHS COMPLIANT | REACH COMPLIANT | Halogen Free

Dimensions & Configurations (Unit:mm)





Schematic

Type	A±0.5	B±0.5	C(Max.)	D(Typ.)	E(Typ.)	F(Typ.)	G(Typ.)
MACM4520	4.7	4.5	2.5	2.7	0.9	1.0	1.0

Electrical Characteristics For MACM4520 Series

Part Number	Impedance @100MHz/0.1V (Ω)		DCR Max. (mΩ)	Rated Current (A) Max.	Rated Voltage (Vdc) Max.	InsMlation Resistance (MΩ) Min.
	Min	Typ				
MACM4520-900	60	90	35	3.2	50	10
MACM4520-151	90	150	40	3.2	50	10
MACM4520-231	180	230	45	3	50	10
MACM4520-301	200	300	45	3	50	10
MACM4520-381	250	380	50	2.5	50	10
MACM4520-421	300	420	50	2.5	50	10
MACM4520-501	350	500	55	2.4	50	10
MACM4520-701	500	700	58	2.2	50	10
MACM4520-901	650	900	60	2.1	50	10
MACM4520-102	800	1000	60	2.1	50	10
MACM4520-122	1000	1200	70	2	50	10
MACM4520-142	1200	1400	80	1.9	50	10