

Features

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

General Specifications

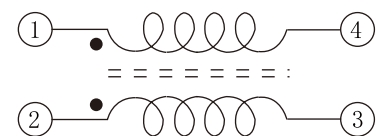
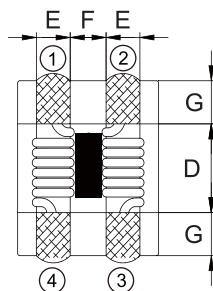
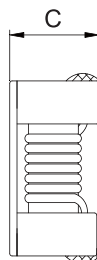
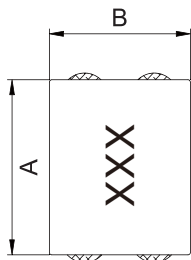
- Storage temp range: -40°C to +85°C
- Operating temp range: -40°C to +125°C

Applications

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



► Dimensions & Configurations (Unit:mm)

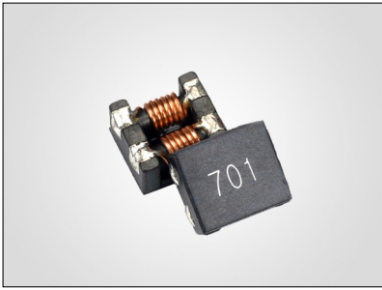


Schematic

Type	A±0.5	B±0.5	C(Max.)	D(Typ.)	E(Typ.)	F(Typ.)	G(Typ.)
MACM7060	7.0	6.0	3.8	3.5	1.5	1.5	1.7

► Electrical Characteristics For MACM7060 Series

Part Number	Impedance @100MHz (Ω)		DCR Max. (mΩ)	Idc Max. (A)	Rated Voltage (V) Max.	InsMlation Resistance (MΩ) Min.
	Min	Typ				
MACM7060-400	40	70	6.5	15	125	10
MACM7060-101	100	140	10	9	125	10
MACM7060-301	225	300	10	5	125	10
MACM7060-501	275	450	13	5	125	10
MACM7060-601	500	680	15	4	125	10
MACM7060-701	500	700	16	4	125	10
MACM7060-102	800	1020	18	3	125	10
MACM7060-132	910	1300	21	2.5	125	10
MACM7060-222	1800	2200	60	1.1	125	10
MACM7060-272	2000	2700	63	1	125	10
MACM7060-302	2500	3000	75	0.9	125	10



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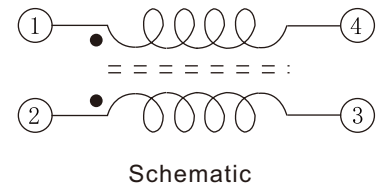
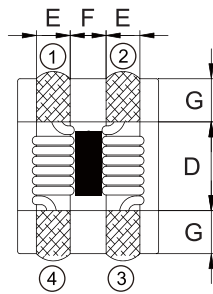
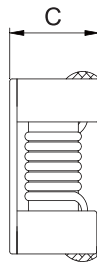
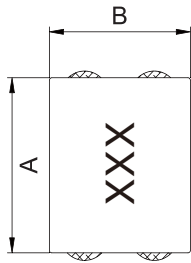
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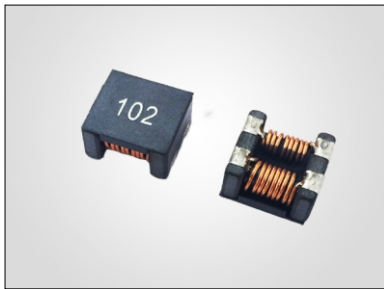
► Dimensions & Configurations (Unit:mm)



Type	A±0.5	B±0.5	C(Max.)	D(Typ.)	E(Typ.)	F(Typ.)	G(Typ.)
MACM9070	9.5	7.0	4.8	5.7	1.5	2.0	1.7

► Electrical Characteristics For MACM9070 Series

Part Number	Impedance @100MHz (Ω)		DCR Max. (mΩ)	Idc Max. (A)	Rated Voltage (V) Max.	Insulation Resistance (MΩ) Min.
	Min	Typ				
MACM9070-301	225	300	7	6.0	50	10
MACM9070-501	450	600	8	5.5	50	10
MACM9070-701	500	700	10	5.0	50	10
MACM9070-102	750	1000	13	4.0	50	10
MACM9070-122	700	1200	18	3.5	50	10
MACM9070-152	700	1500	20	3.0	50	10
MACM9070-202	1500	2000	20	2.5	50	10
MACM9070-222	1700	2200	60	2.3	50	10
MACM9070-272	2000	2700	86	2.0	50	10



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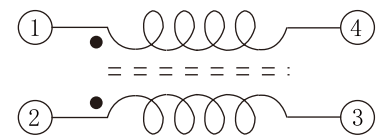
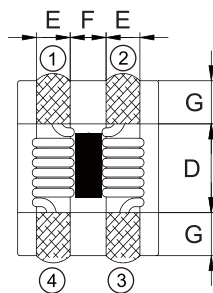
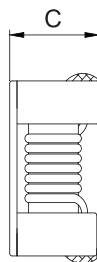
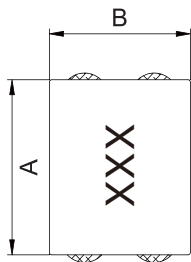
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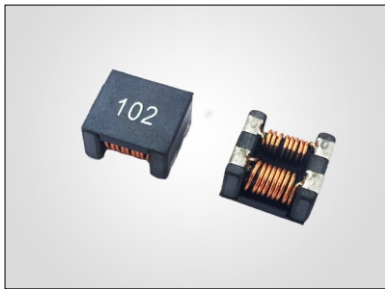


Schematic

Type	A±0.5	B±0.5	C(Max.)	D(Typ.)	E(Typ.)	F(Typ.)	G(Typ.)
MACM1211	12.5	11.2	6.8	7.0	2.7	2.5	2.5

► Electrical Characteristics For MACM1211 Series

Part Number	Impedance @100MHz (Ω)		DCR Max. (mΩ)	Idc Max. (A)	Rated Voltage (V) Max.	InsMlation Resistance (MΩ) Min.
	Min	Typ				
MACM1211-800	80	230	5	10	125	10
MACM1211-501	250	500	5	9	125	10
MACM1211-701	500	700	6	8	125	10
MACM1211-801	600	800	8	8	125	10
MACM1211-901	620	820	10	7.5	125	10
MACM1211-102	750	1000	14	6	125	10
MACM1211-152	1000	1500	20	5	125	10
MACM1211-202	1400	2000	25	4	125	10
MACM1211-222	2200	2500	35	2	125	10
MACM1211-272	2300	2700	60	1.5	125	10



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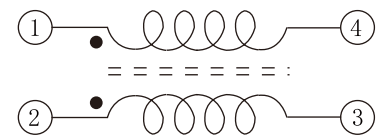
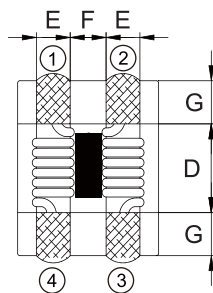
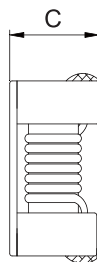
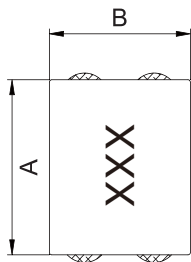
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Schematic

Type	A±0.5	B±0.5	C(Max.)	D(Typ.)	E(Typ.)	F(Typ.)	G(Typ.)
MACM1513	15.0	13.0	6.6	9.4	2.6	3.6	2.5

► Electrical Characteristics For MACM1513 Series

Part Number	Impedance @100MHz (Ω)		DCR Max. (mΩ)	Idc Max. (A)	Rated Voltage (V) Max.	InsMlation Resistance (MΩ) Min.
	Min	Typ				
MACM1513-301	200	300	6.0	12.0	125	10
MACM1513-132	900	1300	0.6	8.0	125	10