

Common Mode Filter



Features:

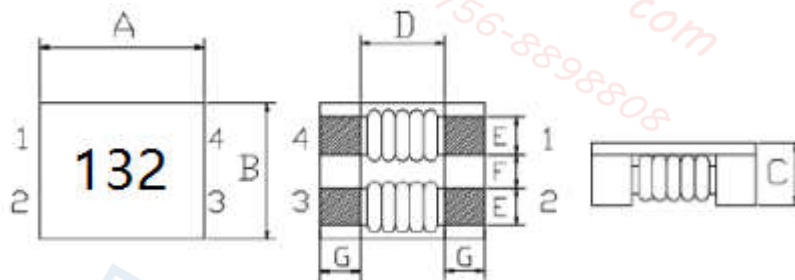
- ◆ From big to small size SMD Design
- ◆ Wire wound constructure common mode choke
- ◆ with best EMI suppression effect high impedance
- ◆ but very high rated current and low RDC

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



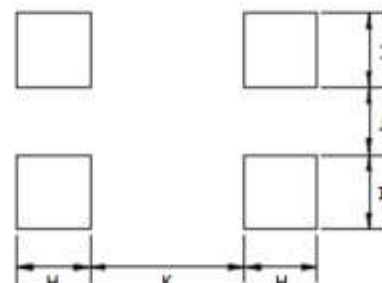
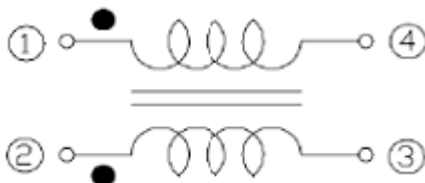
Dimension Diagram (Unit:mm) :



SIZE CODE	A	B	C	D	E	F	G
CMC-7060S	7.00±0.5	6.00±0.5	3.80Max	3.50Ref	1.50±0.2	1.50±0.2	1.75±0.2
CMC-9070S	9.00±0.5	7.00±0.5	4.80Max	5.70Ref	1.50±0.2	2.00±0.2	1.70±0.2
CMC-1211S	12.0±0.5	10.8±0.5	6.40Max	7.00Ref	2.70±0.2	2.50±0.2	2.5±0.2

Electrical structure:

Recommended layout (Unit:mm) :



SIZE CODE	H	I	J	K
CMC-7060S	2.20Ref	1.50Ref	1.50Ref	2.50Ref
CMC-9070S	3.00Ref	1.75Ref	1.50Ref	5.00Ref
CMC-1211S	2.70Ref	2.90Ref	2.30Ref	6.80Ref

Common Mode Filter

COMMON MODE CHOKE CMC-7060S/9070S/1211S @ 100MHz Rev. 1

Electrical Characteristics:

Part Number	Impedance	DC Resistance	Rated Current	Rated Voltage	Insulation Resistance
	(Ω) @100MHz	($m\Omega$)	(A)	V	($m\Omega$)
	Min	Max	Max	Max	Min
CMC-7060S-301T	225.0	10.0	5.0	80.0	10.0
CMC-7060S-701T	500.0	15.0	4.0	80.0	10.0
CMC-7060S-102T	800.0	17.0	3.0	80.0	10.0
CMC-7060S-132T	910.0	21.0	2.5	80.0	10.0
CMC-9070S-701T	500.0	10.0	5.0	50.0	10.0
CMC-9070S-102T	750.0	13.0	4.0	50.0	10.0
CMC-1211S-701T	500.0	6.0	8.0	125.0	10.0
CMC-1211S-102T	750.0	14.0	6.0	125.0	10.0

