

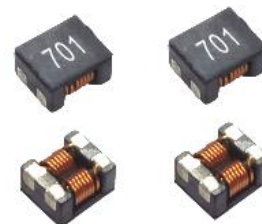
Current Compensated Ring Core Double Chokes LCM7060-LCM1513-Series

Features:

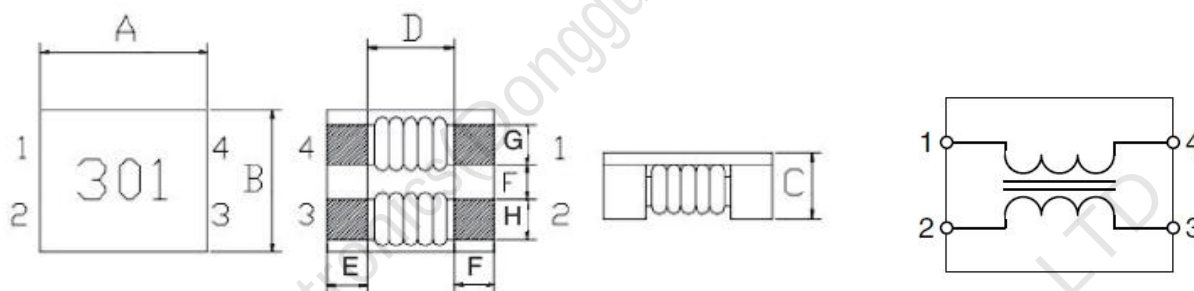
- 1、LCM realizes big size and High current
- 2、High Impedance and Excellent Frequency Characteristic.
- 3、Self Electromagnetic Shielding.
- 4、Low Magnetic Flux Leakage

Applications:

Used for power line noise suppression for any electronic devices.
Used to counter adapter/battery line noise for relatively large electronic devices such as notebook PCs, stand-alone word processors, etc.



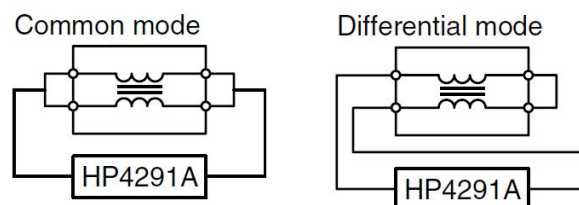
1. SHAPES AND DIMENSIONS Unit:mm



PartNumber	A	B	C	D	E(ref)	F(ref)	G(ref)	H(ref)
LCM7060	7.0±0.2	6.0±0.2	3.6±0.2	1.5Typ	1.75	1.75	1.5	1.5
LCM9070	9.5±0.2	7.0±0.2	6.5±0.2	5.7Typ	1.75	1.75	1.5	1.5
LCM1211	12.5±0.2	10.8±0.2	8.3±0.2	7.0±0.2	2.5	2.5	2.7	2.7
LCM1513M	15.5±0.2	13.0±0.2	6.0±0.2	9.0±0.2	3.0	3.0	2.7	2.7

2. MEASURING CIRCUITS

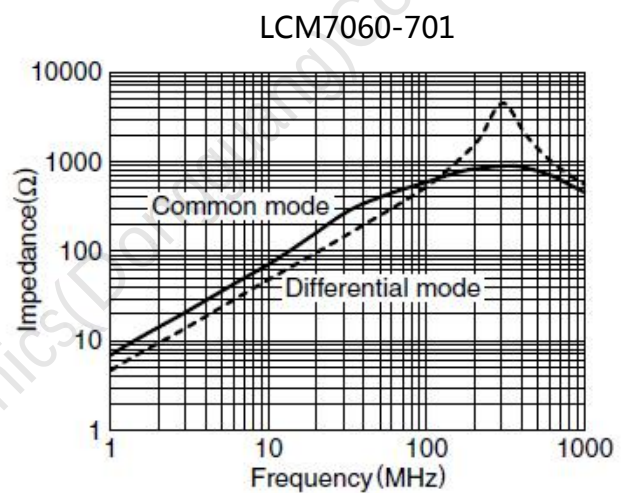
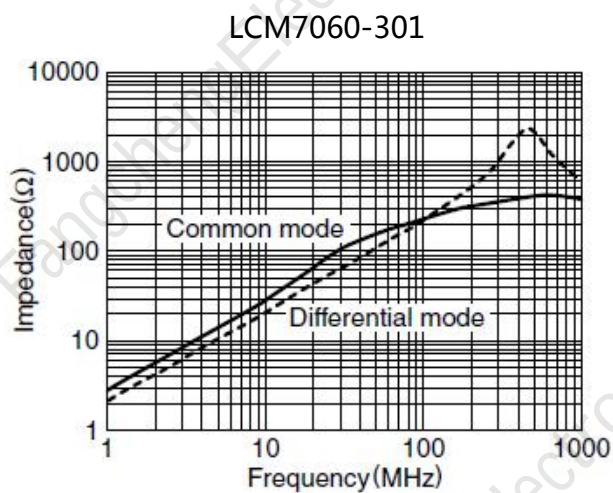
- A chip-type common mode filter for large current applications. Common mode impedance surpasses 300 to 1000 Ω at 100MHz. Noise is greatly suppressed.
- Capable of handling the highest current (up to 10A) of any chip-type common mode filter.
- Height and size have been considered, resulting in a compact and light-weight choke coil. Applicable for the miniaturization required to reduce the size and weight of portable equipment.
- The products contain no lead and also support lead-free soldering.
- This product does not contain regulated substances that are slated to be included in RoHS.



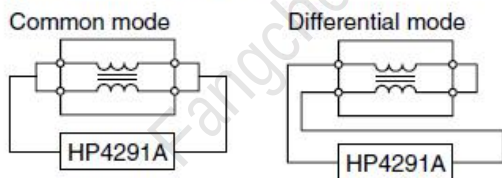
3.ELECTRICAL CHARACTERISTICS

PART Number	Z(Ω) at 100 MHz		RDC(Ω) Max(1 LINE)	Rated Current (A)Max	IR (M Ω)Min	Rated Voltage Vdc(V)
	Min	TYP				
LCM7060-101	100	140	10m	9	10	80
LCM7060-301	225	300	10m	5	10	80
LCM7060-501	275	350	10m	5	10	80
LCM7060-601	500	700	10m	4	10	80
LCM7060-701	500	700	10m	4	10	80
LCM7060-102	800	1020	10m	3	10	80
LCM7060-132	910	1300	10m	2.5	10	80

4. IMPEDANCE vs. FREQUENCY CHARACTERISTICS



MEASURING CIRCUITS

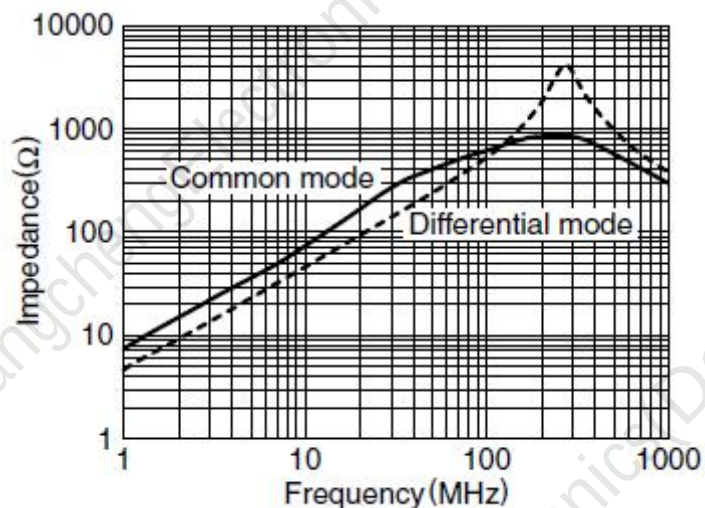


5.ELECTRICAL CHARACTERISTICS

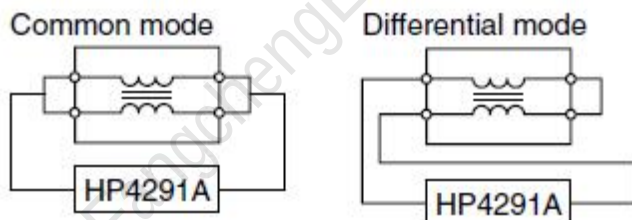
PART Number	Z(Ω) at 100 MHz		RDC(Ω) Max(1 LINE)	Rated Current (A)Max	IR (M Ω)Min	Rated Voltage Vdc(V)
	Min	TYP				
LCM9070-301	225	300	6m	6.0	10	50
LCM9070-501	450	600	8m	5.5	10	50
LCM9070-701	500	700	10m	5.0	10	50
LCM9070-102	750	1000	13m	4.0	10	50
LCM9070-222	1700	2200	60m	2.5	10	50

6.IMPEDANCE vs. FREQUENCY CHARACTERISTICS

LCM9070-701



MEASURING CIRCUITS



7.ELECTRICAL CHARACTERISTICS

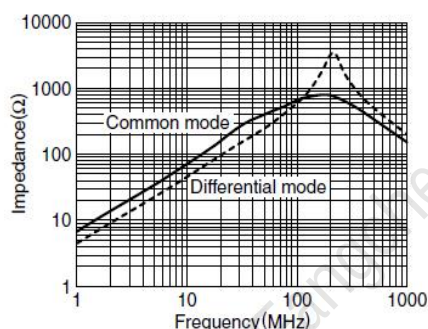
PART Number	Z(Ω) at 100 MHz		RDC(Ω) Max(1 LINE)	Rated Current (A)Max	IR (M Ω)Min	Rated Voltage Vdc(V)
	Min	TYP				
LCM1211-800	80	230	2.0m	10.0	10	125
LCM1211-701	500	700	6.0m	8.0	10	125
LCM1211-801	600	800	8.0m	8.0	10	125
LCM1211-102	750	1000	14m	6.0	10	125
LCM1211-222	2200	2500	35m	1.8	10	125
LCM1211-272	2300	2700	50m	1.5	10	125

8.ELECTRICAL CHARACTERISTICS

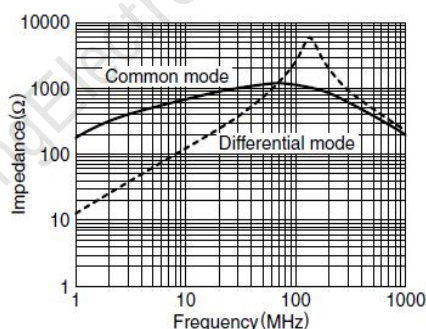
PART Number	Z(Ω) at 100 MHz		RDC(Ω) Max(1 LINE)	Rated Current (A)Max	IR (M Ω)Min	Rated Voltage Vdc(V)
	Min	TYP				
LCM1513-301	250	300	4.7m	13	10	80
LCM1513-551	450	550	3.8m	10	10	80
LCM1513-701	500	700	7.0m	10	10	80

9.IMPEDANCE vs. FREQUENCY CHARACTERISTICS

LCM1211-701



LCM1211-102



LCM1513-551

