方成电子（东莞）有限公司

FC-LCM3225-LCM4532-Series Common mode Chokes

Features:

1、 FC-LCM common mode impedance at high frequency effectsexcellent noise suppression performance. 在高頻的共模阻抗具有良好的杂讯抑制表现.

2、 The common mode choke coils structure enables noiseSuppression

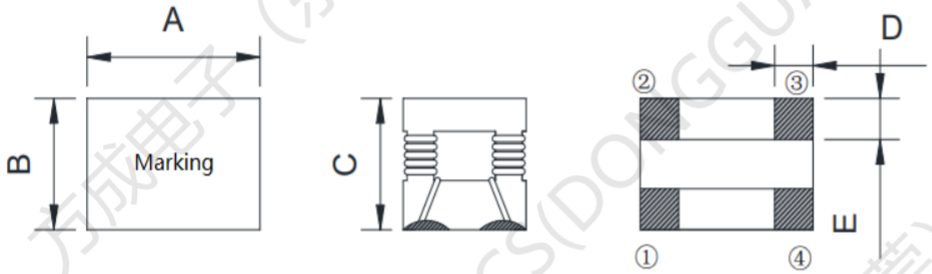
3、 without degrading the signal

(共模扼線圈的結構使得雜讯被抑制訊號衰減。)

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.

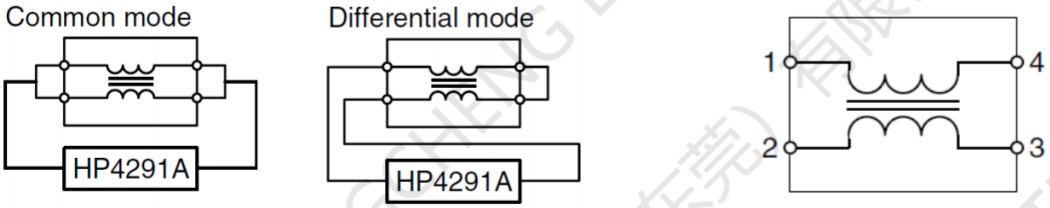
1.SHAPES AND DIMENSIONS Unit:mm



PartNumber	A	B	C	D Typ	E(ref)
FC-LCM3225	3.2±0.3	2.5±0.3	2.5±0.3	0.8	0.6
FC-LCM4532	4.5±0.3	3.2±0.3	3.2±0.3	1.0	1.0

2.MEASURING CIRCUITS

- A chip-type common mode filter for large current applications. Common mode impedance surpasses 300 to 1000∧ at 100MHz. Noise is greatly suppressed.
- Capable of handling the highest current (up to 10A) of any chiptype 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.



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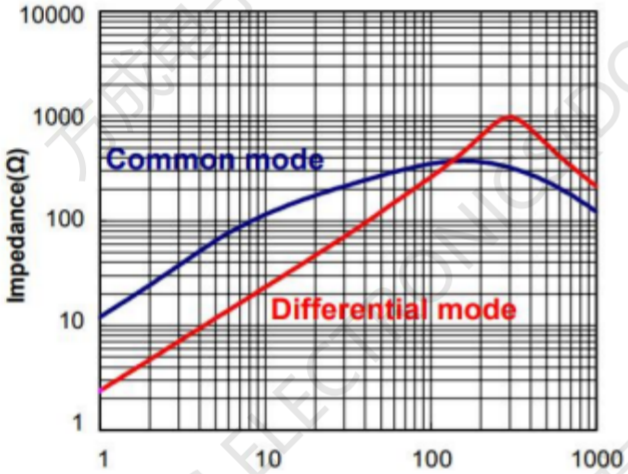
3.ELECTRICAL CHARACTERISTICS

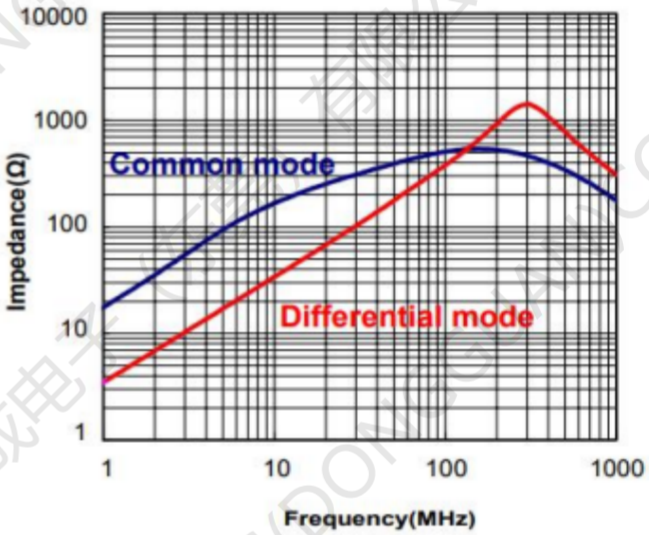
PART Number	Z(Ω) 100MHz/0.1V	RDC (mΩ) Max	Rated Current (A) Max	IR (MΩ) Min	Rated Voltage(V)
	Ω /typ				
FC-LCM3225-421	420	30	2.0	10	125
FC-LCM3225-501	500	50	1.5	10	
FC-LCM3225-701	700	60	1.0	10	
FC-LCM3225-102	1000	75	0.5	10	

4. IMPEDANCE vs. FREQUENCY CHARACTERISTICS

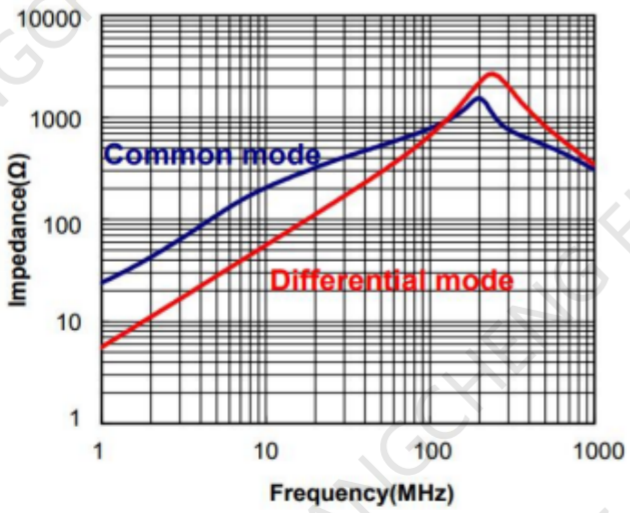
FC-LCM3225-421



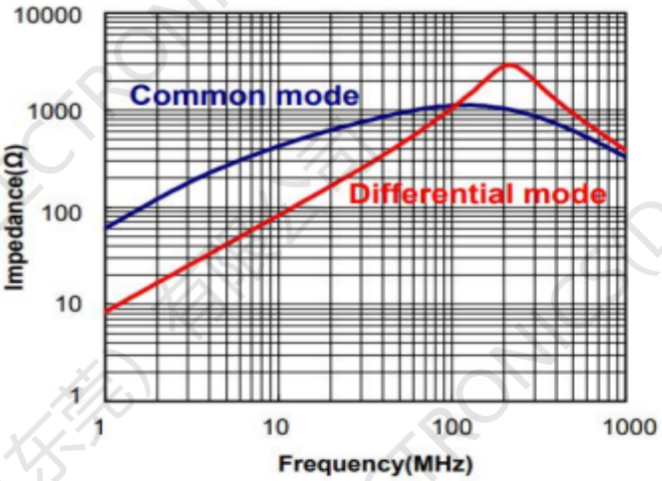
FC-LCM3225-501



FC-LCM3225-701



FC-LCM3225-102



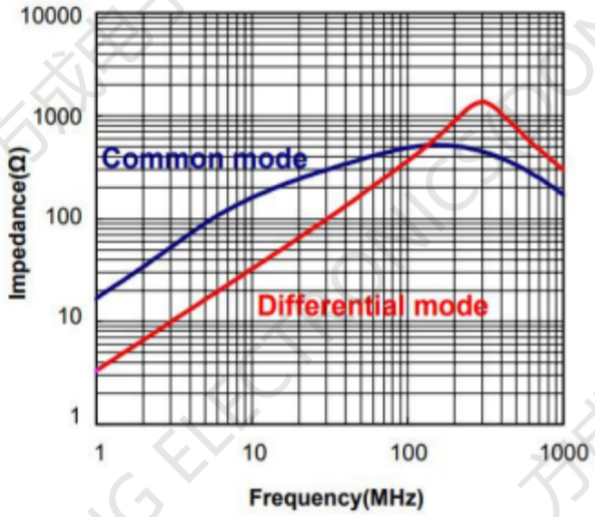
FC-LCM3225-LCM4532-Series Common mode Chokes

5.ELECTRICAL CHARACTERISTICS

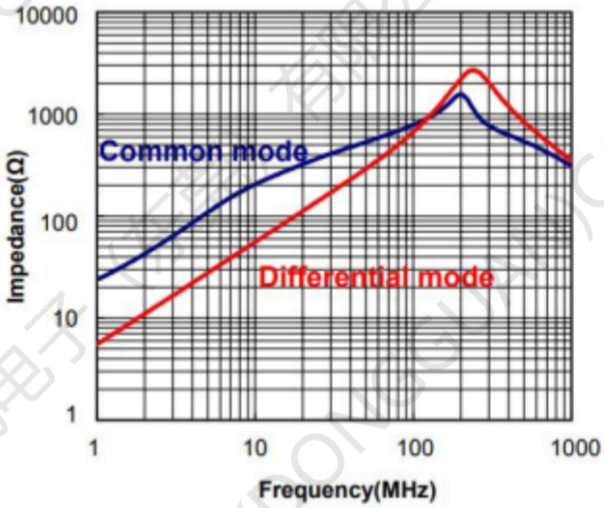
PART Number	Z(Ω) 100MHz/0.1V		RDC (mΩ) Max	Rated Current (A) Max	IR (MΩ) Min	Rated Voltage(V)
	Ω/min	typ				
FC-LCM4532-421	350	420	25	2.5	10	125V
FC-LCM4532-701	500	700	38	2.0	10	
FC-LCM4532-102	850	1000	50	1.5	10	
FC-LCM4532-152	1300	1500	65	1.0	10	

6.IMPEDANCE vs. FREQUENCY CHARACTERISTICS

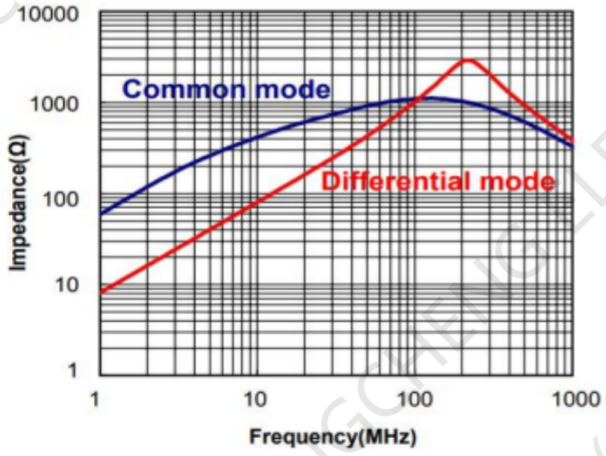
FC-LCM4532-421



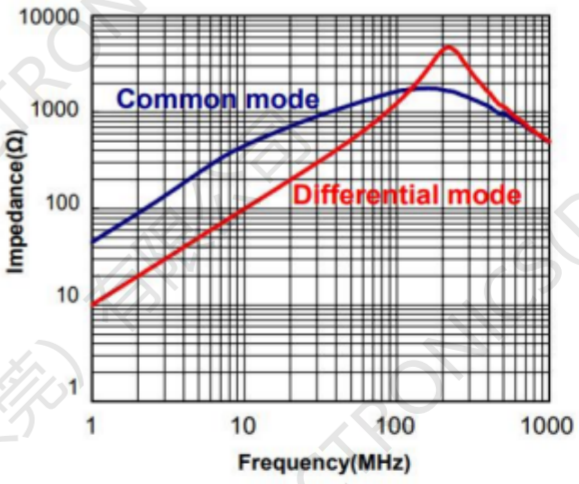
FC-LCM4532-701



FC-LCM4532-102



FC-LCM4532-152



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