

SPECIFICATION OF WCMxxxxSE,SEF SERIES

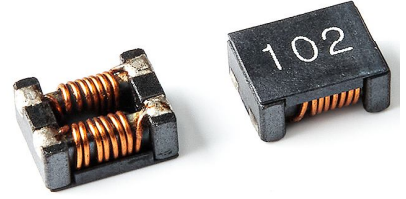
FEATURES

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

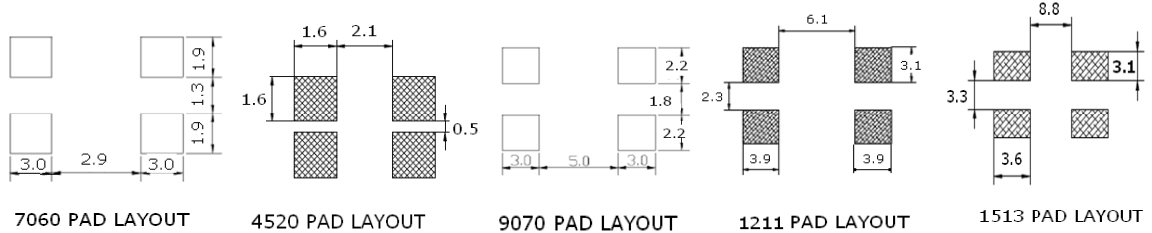
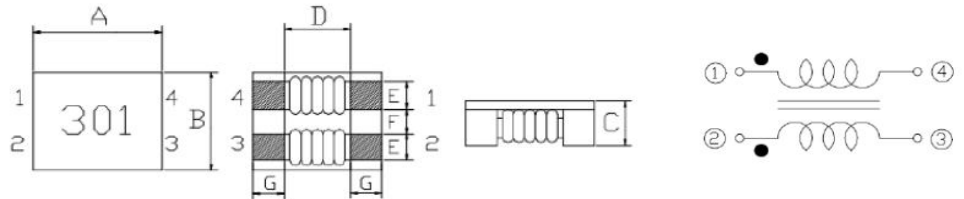
Preventive measure against common mode noise
radiation emissions from DC power line and power supply line
Best for high current circuit such as car, multi media equipment
wireless charging and various electronic devices



ORDERING CODE

WCM- 1211SEF - 701 T
(1) (2) (3) (4)

- (1) PRODUCT TYPE CODE
- (2) PRODUCT SIZE CODE
- (3) IMPEDANCE CODE
- (4) TAPING CODE



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APPEARANCE & DIMENSIONS

UNIT:mm (inch)

SIZE CODE	A	B	C	D	E	F	G
WCM-7060SE	7.0±0.5	6.0±0.5	4.0max	3.5 REF	1.5 REF	1.5 REF	1.7 REF
WCM-4520SEF	4.7±0.5	4.5±0.5	2.4max	2.7REF	1.15REF	0.85REF	1.0REF
WCM-9070SEF	9.0±0.5	7.0±0.5	5.0max	5.7 REF	1.5 REF	2.0 REF	1.7 REF
WCM-1211SEF	12.0±0.5	10.8±0.5	6.6max	7.0 REF	2.7 REF	2.5 REF	2.5 REF
WCM-1513SEF	15.0±0.5	13.0±0.5	6.6max	9.4REF	2.6REF	3.6REF	3.0REF

※All the data listed in this catalogue are for reference only, King Core reserves the right to alter or revise the specifications without prior notification.

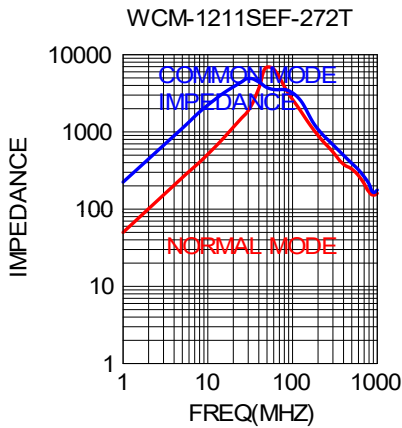
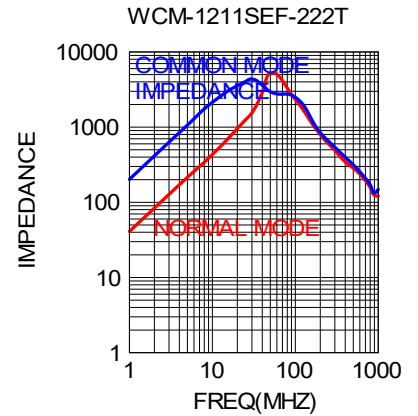
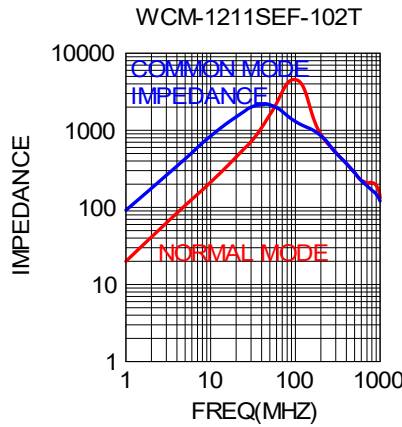
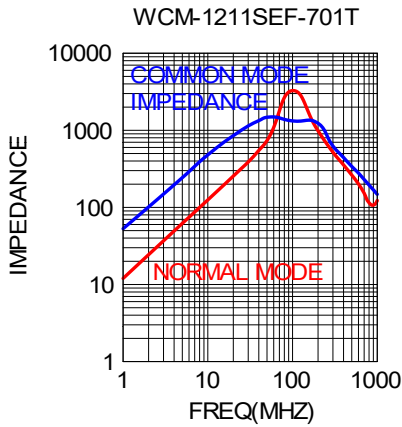
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COMMON MODE CHOKE → WCM121SEF SERIES

ELECTRICAL CHARACTERISTICS

ORDERING CODE	Impedance (Ω)min	DC Resistance (mΩ) max	IDC (A) max	Rated Voltage V(DC) max	Insulation Resistance (MΩ) min
	100MHz				
WCM-1211SEF-701T	500	6.0	8.0	125	10
WCM-1211SEF-102T	750	14.0	6.0	125	10
WCM-1211SEF-222T	2200	35.0	1.8	125	10
WCM-1211SEF-272T	2300	50.0	1.5	125	10



※IDC:Based on Temperature increase 40°C

※Operating temperature range : -40 to +125°C (including self-generated heat)

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