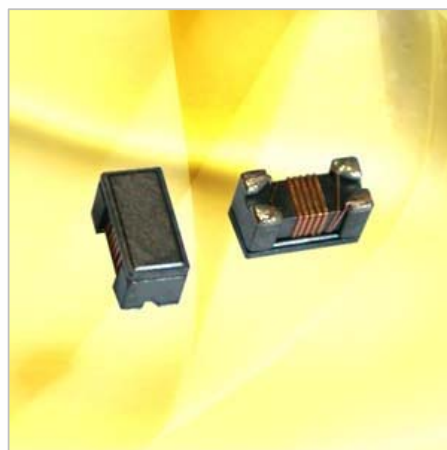


SPECIFICATION OF WCM SERIES

FEATURES

Lowprofile and very small size SMD Design,
Wound Chip constructure with standard 0805
and 1206 size, with best EMI suppression effect
but least impact to data signal wave form.



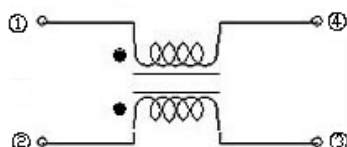
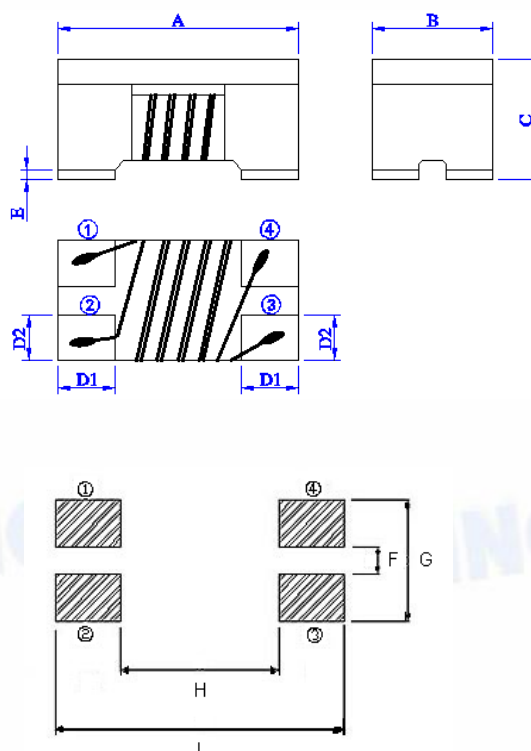
APPLICATIONS

Preventive measure against high speed signal
radiation emissions such as USB 2.0,
IEEE1394 or LAN interface.
Best for NB, DSC, mobile device design.

ORDERING CODE

WCM - 2012 - 900 T
(1) (2) (3) (4)

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



APPEARANCE & DIMENSIONS

UNIT:mm (inch)

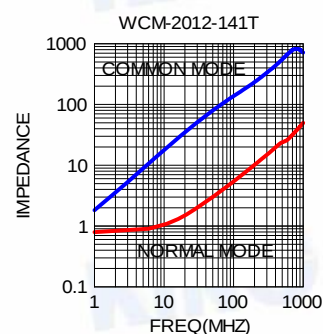
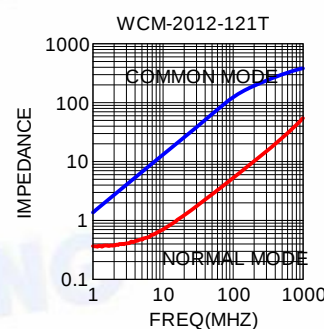
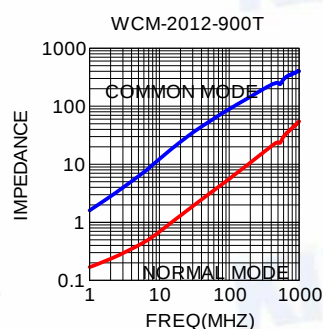
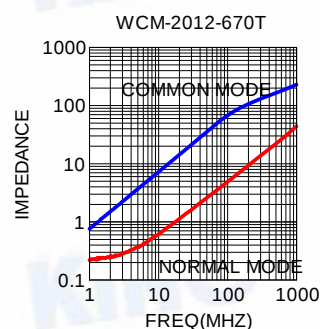
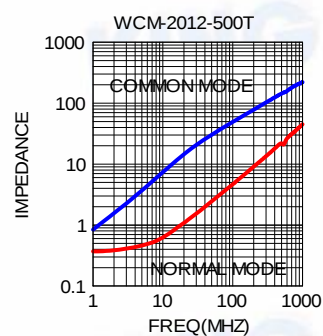
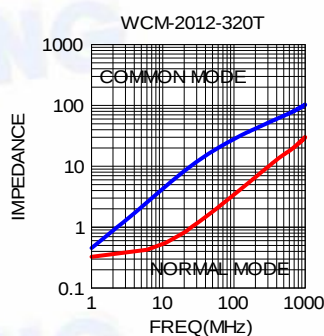
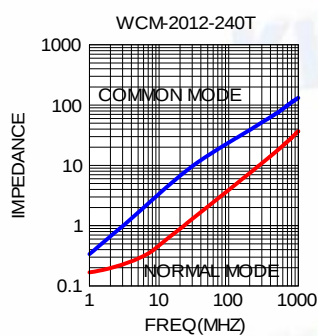
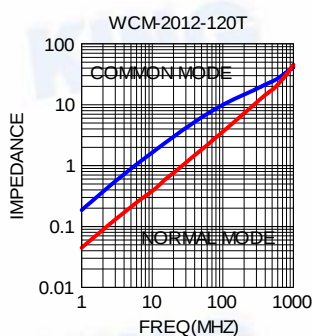
SIZE CODE	A	B	C	D1 TYP	D2 TYP	F TYP	G TYP	H TYP	I TYP
WCM-2012 (0805)	2.00±0.20 (0.079±0.008)	1.20±0.20 (0.047±0.008)	1.20±0.20 (0.047±0.008)	0.45 (0.018)	0.40 (0.016)	0.40 (0.016)	1.20 (0.047)	0.80 (0.031)	2.60 (0.102)
WCM-3216 (1206)	3.20±0.20 (0.126±0.008)	1.60±0.20 (0.063±0.008)	2.00±0.20 (0.079±0.008)	0.60 (0.024)	0.60 (0.024)	0.40 (0.016)	1.60 (0.063)	1.60 (0.063)	3.70 (0.146)
WCM-4525 (1810)	4.80±0.20 (0.189±0.008)	2.80±0.20 (0.110±0.008)	2.20±0.20 (0.087±0.008)	0.75 (0.030)	0.75 (0.030)	1.05 (0.041)	2.95 (0.116)	3.50 (0.138)	6.00 (0.236)

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COMMON MODE CHOKE → WCM-2012 SERIES

ELECTRICAL CHARACTERISTICS

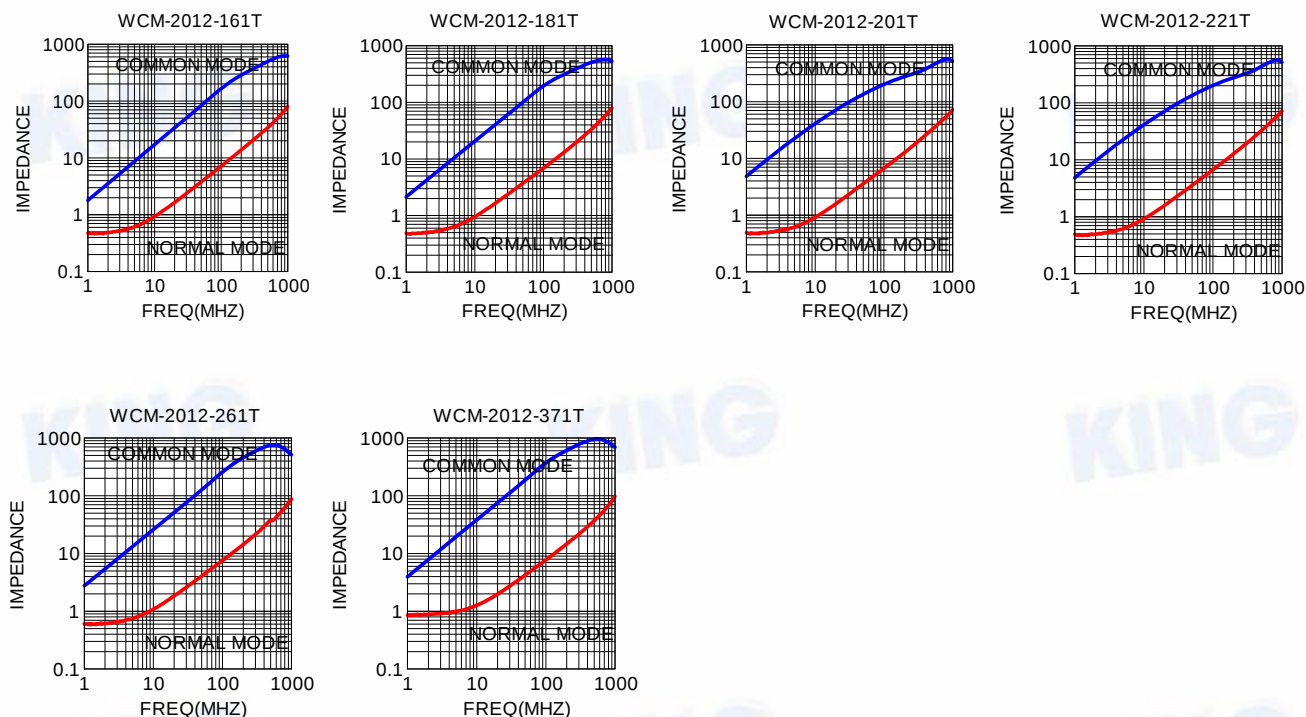
ORDERING CODE	Impedance (Ω)	Tolerance $\pm\%$	Test Frequency (MHz)	DC Resistance (Ω)max	Rated Current (mA)max
WCM-2012-120T	12	25%	100	0.20	450
WCM-2012-240T	24	25%	100	0.25	420
WCM-2012-320T	32	25%	100	0.25	400
WCM-2012-500T	50	25%	100	0.25	400
WCM-2012-670T	67	25%	100	0.25	400
WCM-2012-900T	90	25%	100	0.30	400
WCM-2012-121T	120	25%	100	0.30	370
WCM-2012-141T	140	25%	100	0.32	360
WCM-2012-161T	160	25%	100	0.35	350
WCM-2012-181T	180	25%	100	0.35	330
WCM-2012-201T	200	25%	100	0.40	300
WCM-2012-221T	220	25%	100	0.40	300
WCM-2012-261T	260	25%	100	0.40	300
WCM-2012-371T	370	25%	100	0.45	280



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COMMON MODE CHOKE → WCM-2012 SERIES



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KING CORE ELECTRONICS INC.

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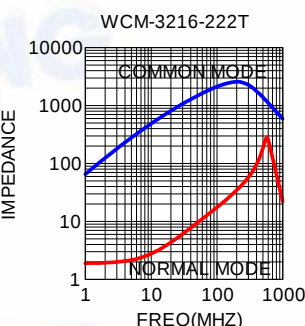
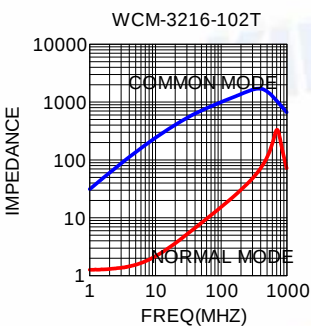
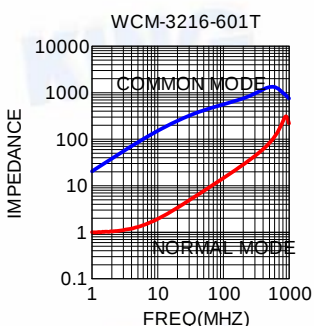
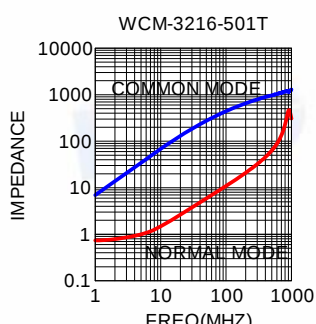
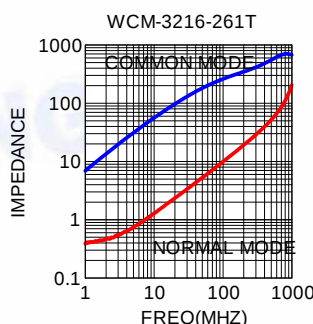
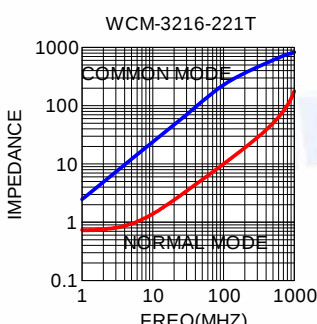
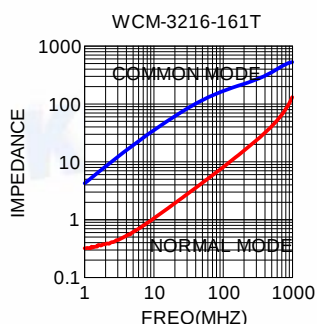
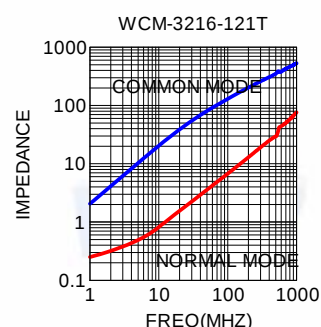
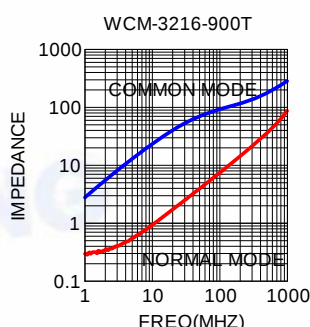
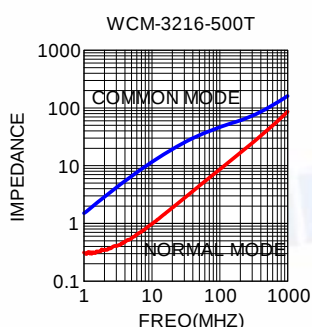
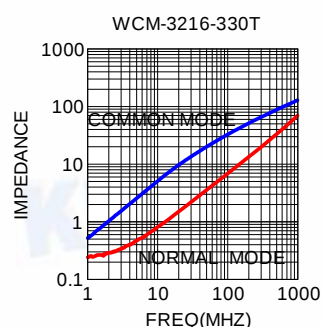
E-mail:kc@mail.kingcore.com.tw

Web Site:<http://www.kingcore.com.tw>

COMMON MODE CHOKE → WCM-3216 SERIES

ELECTRICAL CHARACTERISTICS

ORDERING CODE	Impedance (Ω)	Tolerance $\pm\%$	Test Frequency (MHz)	DC Resistance (Ω)max	Rated Current (mA)max
WCM-3216-330T	33	25%	100	0.20	400
WCM-3216-500T	50	25%	100	0.25	400
WCM-3216-900T	90	25%	100	0.30	400
WCM-3216-121T	120	25%	100	0.30	400
WCM-3216-161T	160	25%	100	0.40	350
WCM-3216-221T	220	25%	100	0.45	300
WCM-3216-261T	260	25%	100	0.50	310
WCM-3216-501T	500	25%	100	0.80	260
WCM-3216-601T	600	25%	100	0.80	260
WCM-3216-102T	1000	25%	100	1.00	250
WCM-3216-222T	2200	25%	100	1.20	200



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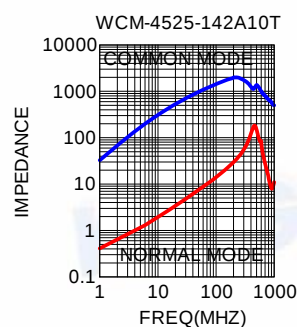
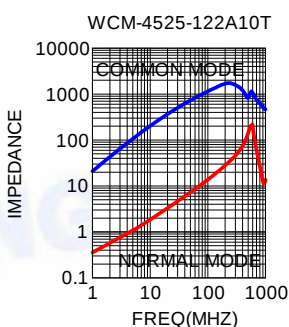
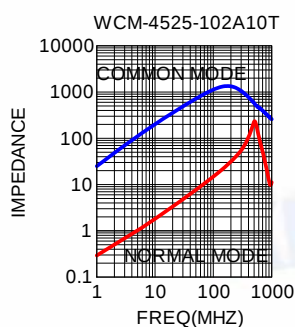
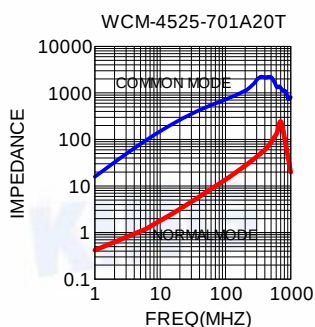
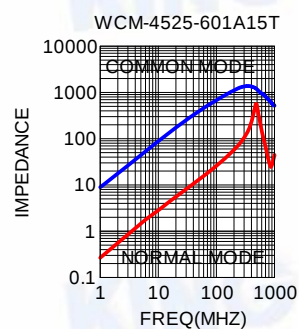
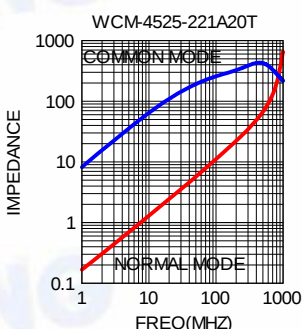
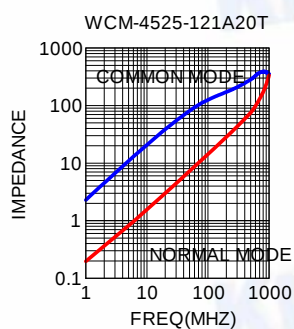
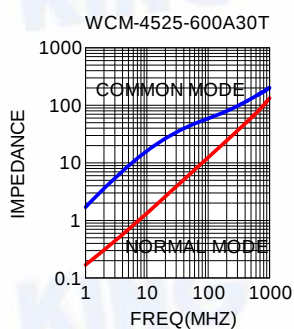
E-mail: kc@mail.kingcore.com.tw

Web Site: <http://www.kingcore.com.tw>

COMMON MODE CHOKE → WCM-4525 SERIES

ELECTRICAL CHARACTERISTICS

ORDERING CODE	Impedance (Ω)	Tolerance $\pm\%$	Test Frequency (MHz)	DC Resistance (Ω)max	Rated Current (mA)max
WCM-4525-600A30T	60	25%	100	0.10	3000
WCM-4525-121A20T	120	25%	100	0.20	2000
WCM-4525-221A20T	220	25%	100	0.20	2000
WCM-4525-601A15T	600	25%	100	0.30	1500
WCM-4525-701A20T	700	25%	100	0.15	2000
WCM-4525-102A10T	1000	25%	100	0.40	1000
WCM-4525-122A10T	1200	25%	100	0.40	1000
WCM-4525-142A10T	1400	25%	100	0.40	1000



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