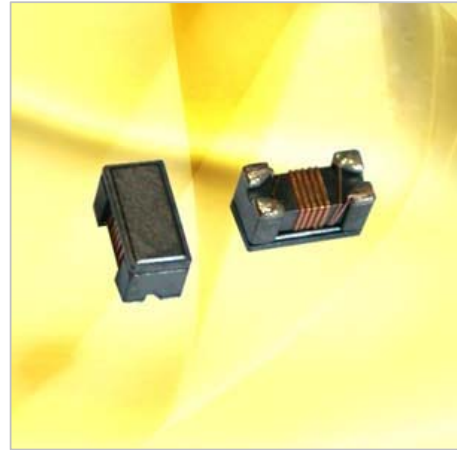


SPECIFICATION OF WCM-HS SERIES

FEATURES & APPLICATIONS

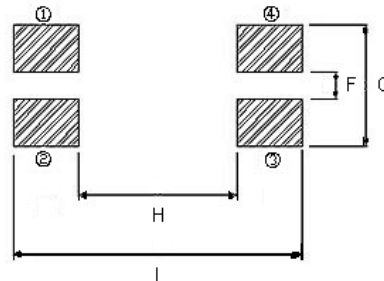
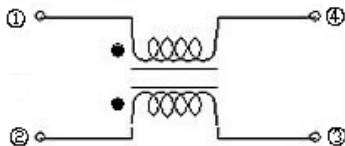
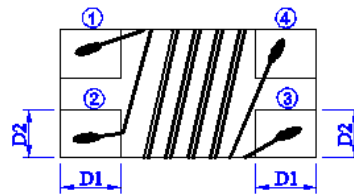
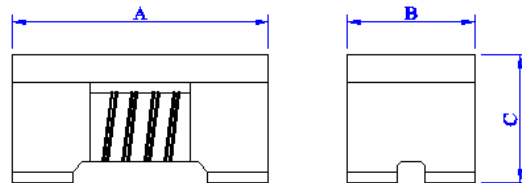
Lowprofile and very small size SMD Design,
Wound Chip constructure with standard 0504
and 0805 size, with best EMI suppression effect
but least impact to High Speed signal integrity.



ORDERING CODE

WCM - 2012 HS - 900 T
(1) (2) (3) (4) (5)

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



APPEARANCE & DIMENSIONS

UNIT:mm (inch)

SIZE CODE	A	B	C	D1 TYP	D2 TYP	F TYP	G TYP	H TYP	I TYP
WCM-1210HS (0504)	1.20±0.20 (0.047±0.008)	1.00±0.20 (0.039±0.008)	0.90±0.20 (0.035±0.008)	0.36 (0.014)	0.38 (0.015)	0.30 (0.012)	1.20 (0.047)	0.60 (0.024)	1.50 (0.059)
WCM-2012HS (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)

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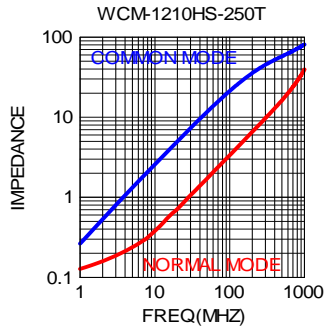
COMMON MODE CHOKE → WCM-1210HS SERIES

ELECTRICAL CHARACTERISTICS

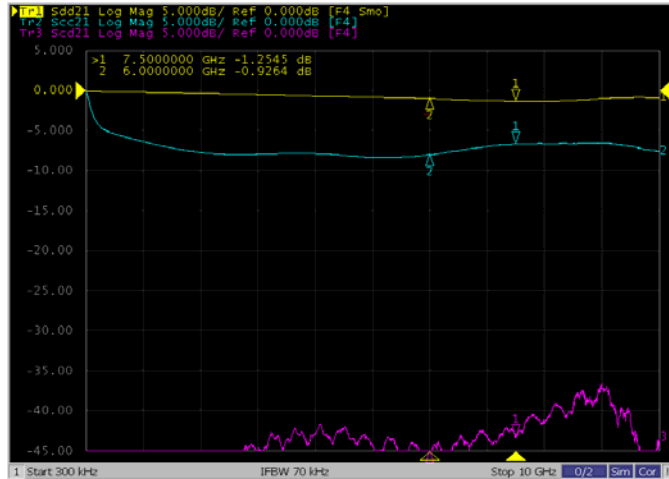
ORDERING CODE	Impedance (Ω)/100MHz	Tolerance $\pm\%$	CUT-OFF FREQUENCY (GHz)Typ.	DC Resistance (Ω)max	Rated Current (mA)max
WCM-1210HS-250T	25	25%	7.5	0.25	420
WCM-1210HS-600T	60	25%	6.0	0.25	400
WCM-1210HS-900T	90	25%	6.0	0.30	400

WCM-1210HS-250T

1. Electrical Characteristic Curve

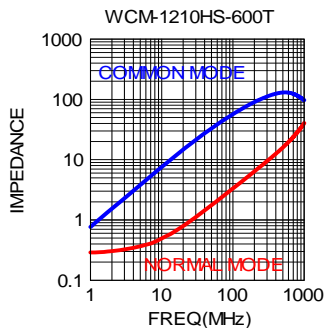


2. Insertion Loss Curve

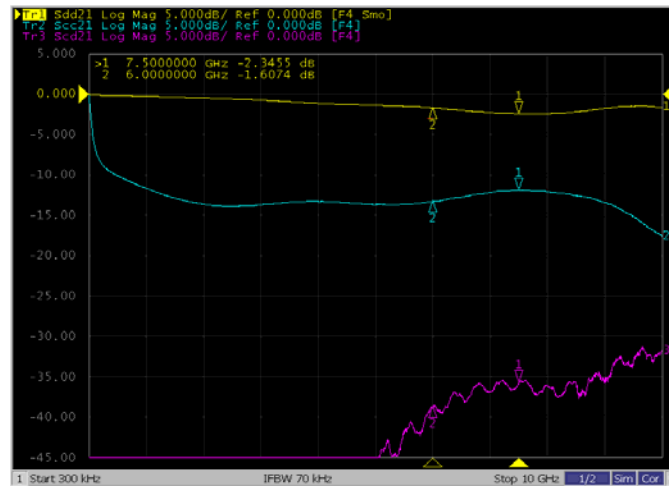


WCM-1210HS-600T

1. Electrical Characteristic Curve



2. Insertion Loss Curve



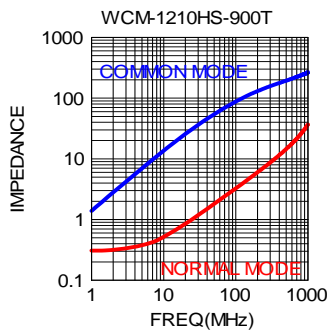
***Design as Customer's Requested Specifications.**

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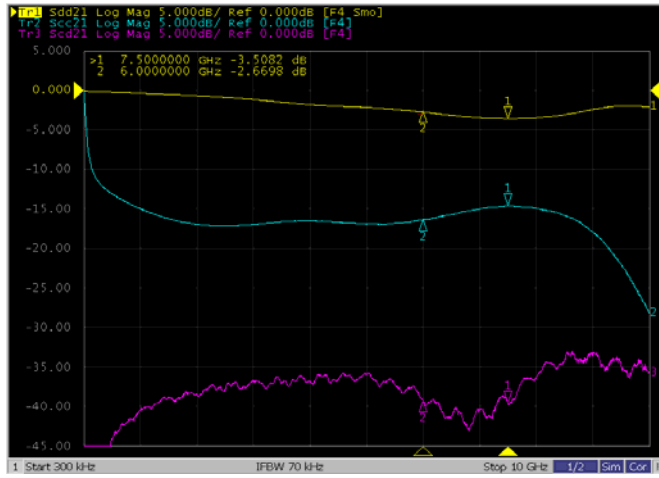
COMMON MODE CHOKE → WCM-1210HS SERIES

WCM-1210HS-900T

1. Electrical Characteristic Curve



2. Insertion Loss Curve



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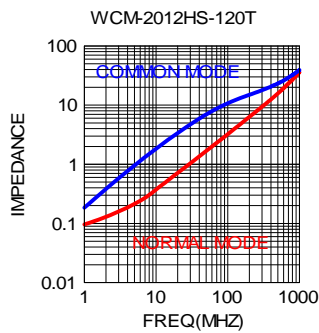
COMMON MODE CHOKE → WCM-2012HS SERIES

ELECTRICAL CHARACTERISTICS

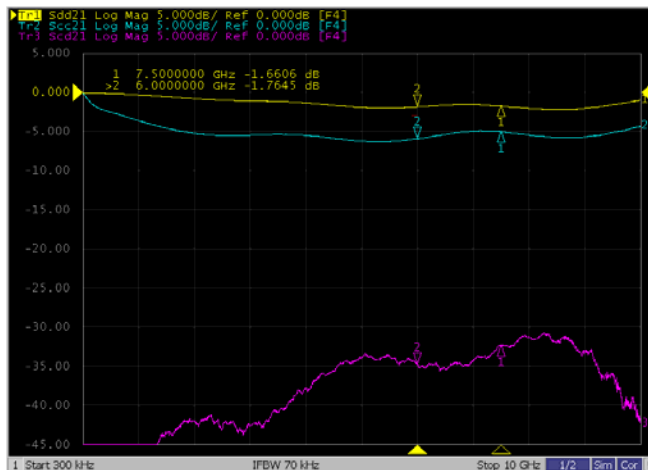
ORDERING CODE	Impedance (Ω)/100MHz	Tolerance $\pm\%$	CUT-OFF FREQUENCY (GHz)Typ.	DC Resistance (Ω)max	Rated Current (mA)max
WCM-2012HS-120T	12	25%	7.5	0.20	450
WCM-2012HS-240T	24	25%	7.5	0.25	420
WCM-2012HS-320T	32	25%	7.5	0.25	400
WCM-2012HS-670T	67	25%	6.0	0.25	400
WCM-2012HS-900T	90	25%	6.0	0.30	400

WCM-2012HS-120T

1. Electrical Characteristic Curve

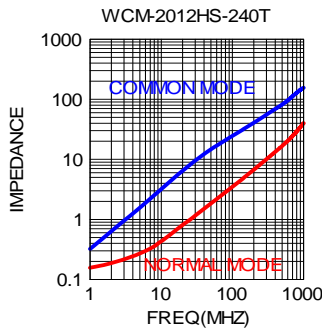


2. Insertion Loss Curve

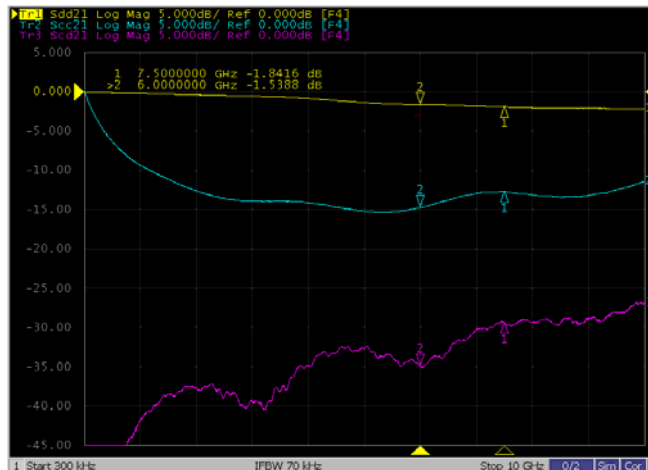


WCM-2012HS-240T

1. Electrical Characteristic Curve



2. Insertion Loss Curve



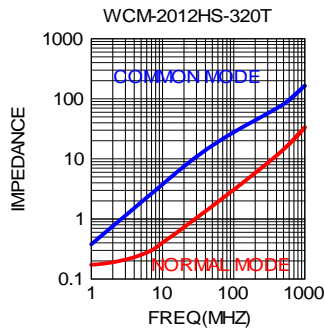
***Design as Customer's Requested Specifications.**

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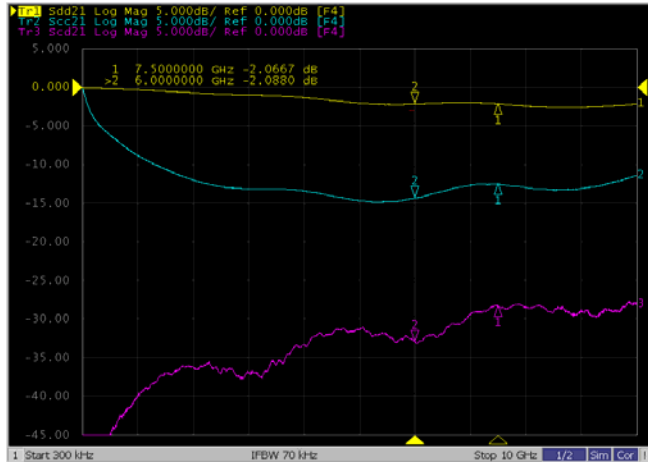
COMMON MODE CHOKE → WCM-2012HS SERIES

WCM-2012HS-320T

1. Electrical Characteristic Curve

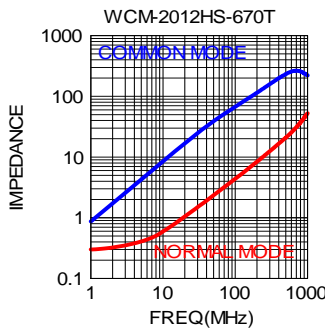


2. Insertion Loss Curve

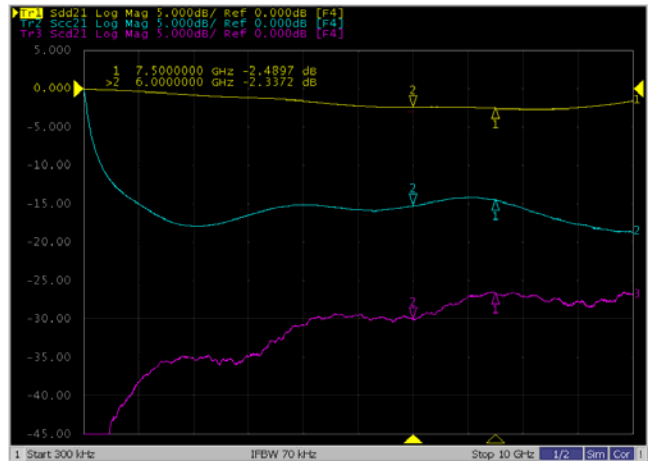


WCM-2012HS-670T

1. Electrical Characteristic Curve

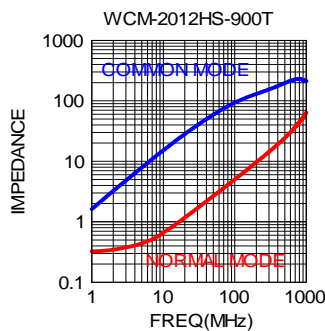


2. Insertion Loss Curve

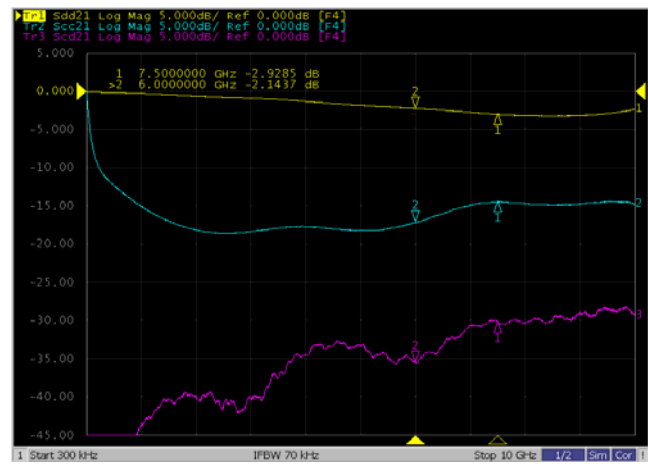


WCM-2012HS-900T

1. Electrical Characteristic Curve



2. Insertion Loss Curve



***Design as Customer's Requested Specifications.**

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