

SPECIFICATION OF HCB-H SERIES

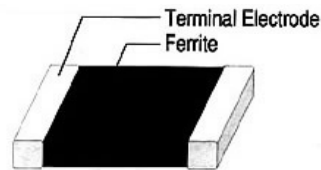
APPLICATIONS

1. EMI suppression for various electric equipment by the addition of impedance to the circuit.
2. It is particular effective with unstable grounding.
3. High frequency EMI prevention of computers , printers , VCRs , TVs and portable telephone.
4. The HCB-H series can minimize attenuation of the signal wave form for high speed signal due to its sharp impedance characteristics.
This is much lower impedance in frequency range low than 100 MHz.



ORDERING CODE

HCB 1608H 101 T
 (1) (2) (3) (4)



(1) PRODUCT TYPE CODE

HCB:HHK Chip Bead

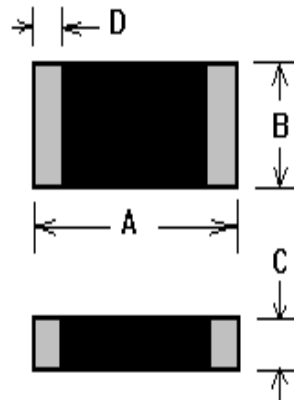
(2) SIZE CODE

See Following Table

(3) IMPEDANCE VALUE CODE

Example : 100=10Ω , 101=100Ω , 102=1000Ω

(4) TAPING



SHAPE & DIMENSIONS

UNIT:mm(inch)

SIZE CODE	A	B	C	D
1005 0402	1.00±0.10 0.040±0.004	0.50±0.10 0.020±0.004	0.50±0.10 0.020±0.004	0.25±0.10 0.010±0.004
1608 0603	1.60±0.20 0.063±0.008	0.80±0.20 0.031±0.008	0.80±0.20 0.031±0.008	0.30±0.20 0.012±0.008
2012 0805	2.00±0.20 0.079±0.008	1.20±0.20 0.047±0.008	0.90±0.20 0.035±0.008	0.50±0.30 0.020±0.012
3216 1206	3.20±0.20 0.126±0.008	1.60±0.20 0.063±0.008	1.10±0.20 0.043±0.008	0.50±0.30 0.020±0.012



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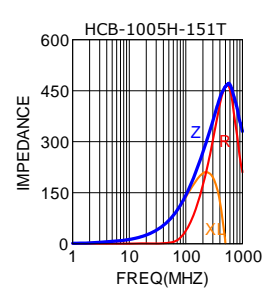
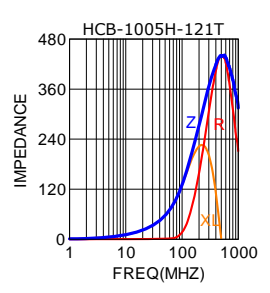
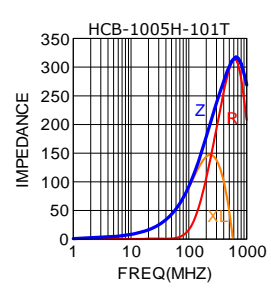
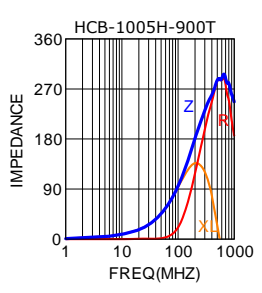
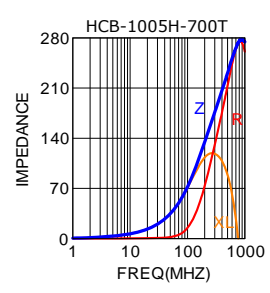
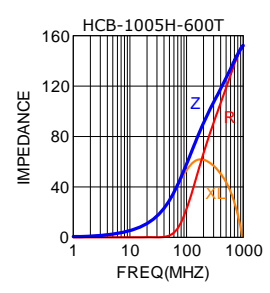
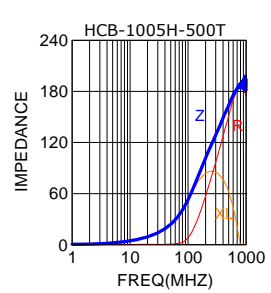
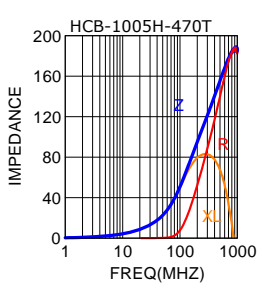
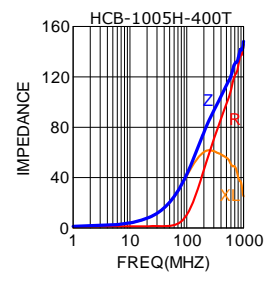
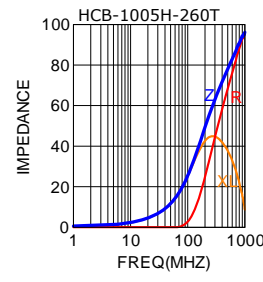
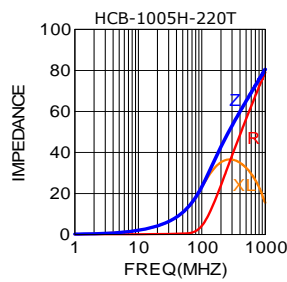
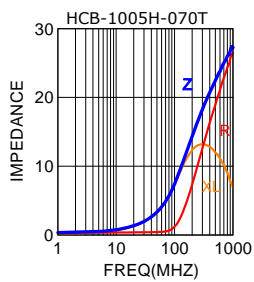
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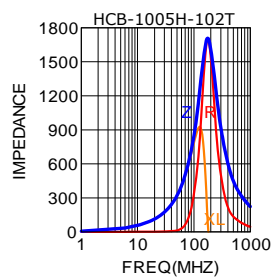
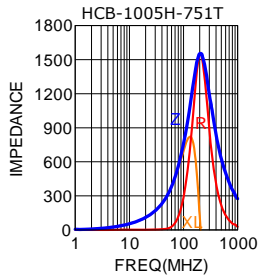
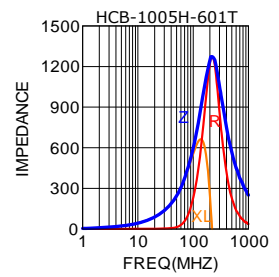
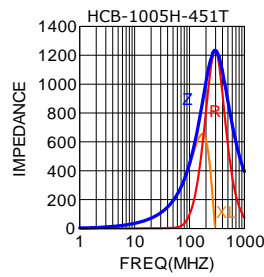
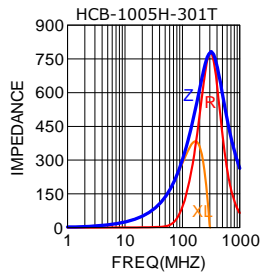
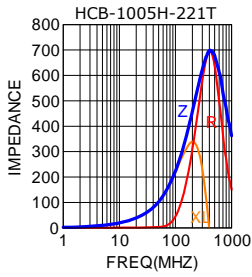
MULTILAYER CHIP BEADS → HCB-1005H : High Frequency Type

ELECTRICAL CHARACTERISTICS

ORDERING CODE	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω)max	Rated Current (mA)max
HCB-1005H-070T	7±25%	100	0.10	600
HCB-1005H-220T	22±25%	100	0.30	400
HCB-1005H-260T	26±25%	100	0.30	150
HCB-1005H-400T	40±25%	100	0.30	150
HCB-1005H-470T	47±25%	100	0.35	150
HCB-1005H-500T	50±25%	100	0.40	150
HCB-1005H-600T	60±25%	100	0.40	150
HCB-1005H-700T	70±25%	100	0.40	150
HCB-1005H-900T	90±25%	100	0.40	150
HCB-1005H-101T	100±25%	100	0.40	150
HCB-1005H-121T	120±25%	100	0.50	150
HCB-1005H-151T	150±25%	100	0.50	150
HCB-1005H-221T	220±25%	100	0.80	100
HCB-1005H-301T	300±25%	100	0.90	100
HCB-1005H-451T	450±25%	100	1.00	100
HCB-1005H-601T	600±25%	100	1.10	50
HCB-1005H-751T	750±25%	100	1.20	50
HCB-1005H-102T	1000±25%	100	1.30	50



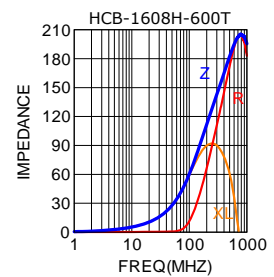
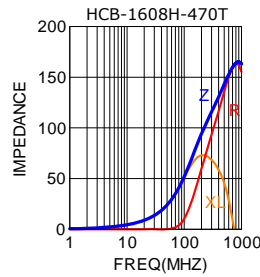
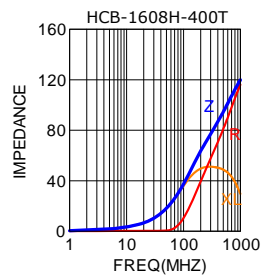
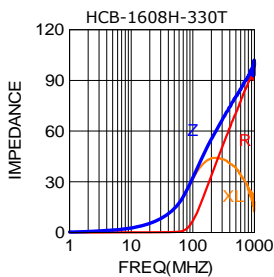
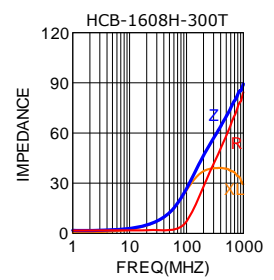
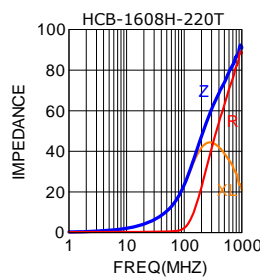
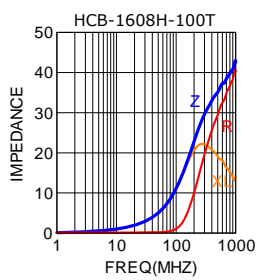
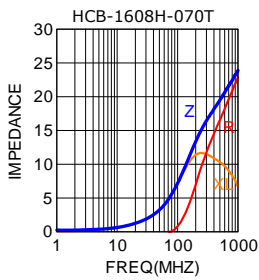
MULTILAYER CHIP BEADS → HCB-1005H : High Frequency Type



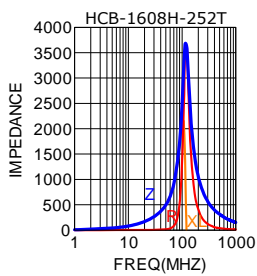
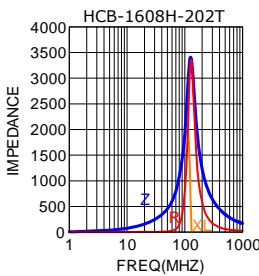
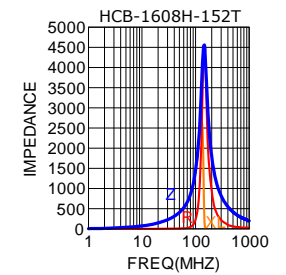
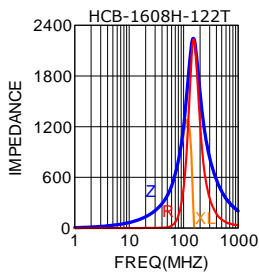
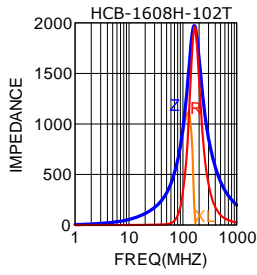
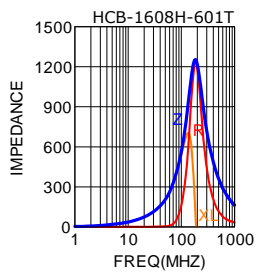
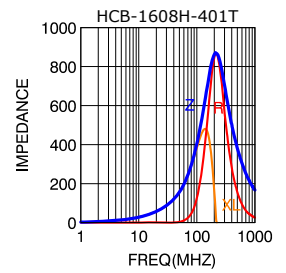
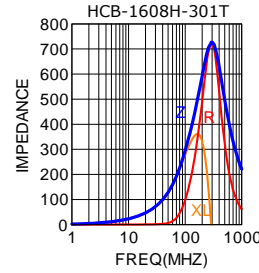
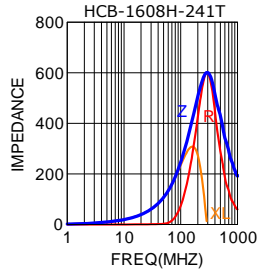
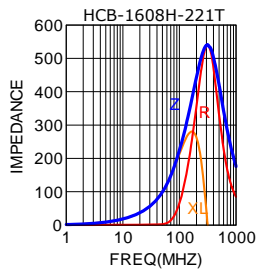
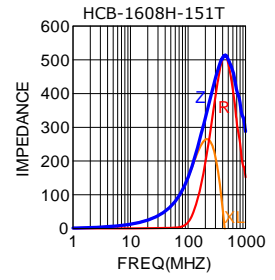
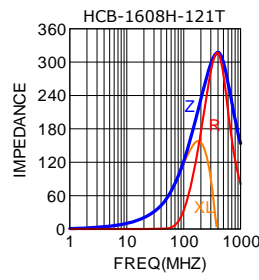
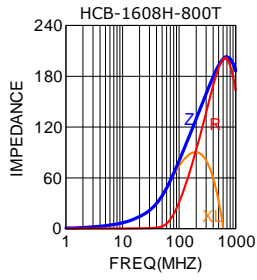
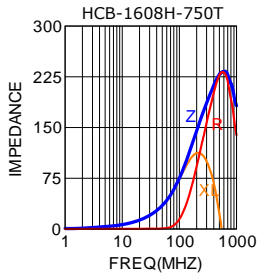
MULTILAYER CHIP BEADS → HCB-1608H : High Frequency Type

ELECTRICAL CHARACTERISTICS

ORDERING CODE	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω)max	Rated Current (mA)max
HCB-1608H-070T	7±25%	100	0.10	600
HCB-1608H-100T	10±25%	100	0.10	500
HCB-1608H-220T	22±25%	100	0.30	300
HCB-1608H-300T	30±25%	100	0.30	300
HCB-1608H-330T	33±25%	100	0.30	300
HCB-1608H-400T	40±25%	100	0.30	300
HCB-1608H-470T	47±25%	100	0.30	300
HCB-1608H-600T	60±25%	100	0.30	300
HCB-1608H-750T	75±25%	100	0.30	300
HCB-1608H-800T	80±25%	100	0.30	300
HCB-1608H-121T	120±25%	100	0.30	200
HCB-1608H-151T	150±25%	100	0.40	200
HCB-1608H-221T	220±25%	100	0.40	200
HCB-1608H-241T	240±25%	100	0.40	200
HCB-1608H-301T	300±25%	100	0.50	200
HCB-1608H-401T	400±25%	100	0.50	200
HCB-1608H-601T	600±25%	100	0.60	200
HCB-1608H-102T	1000±25%	100	1.00	100
HCB-1608H-122T	1200±25%	100	1.00	100
HCB-1608H-152T	1500±25%	100	1.50	100
HCB-1608H-202T	2000±25%	100	1.50	100
HCB-1608H-252T	2500±25%	100	1.50	50



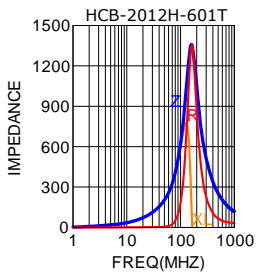
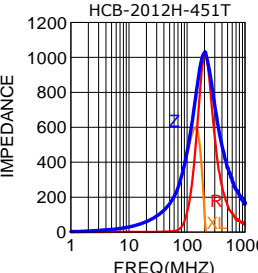
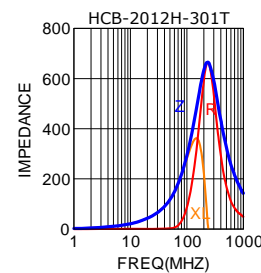
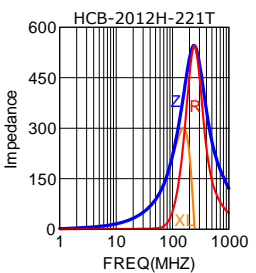
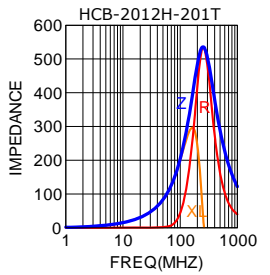
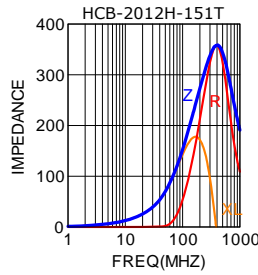
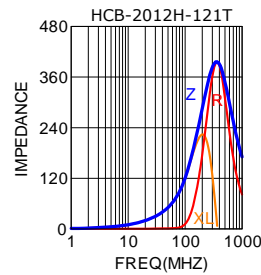
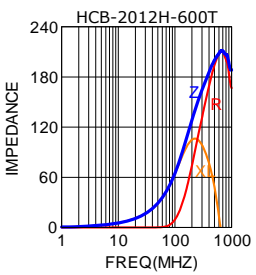
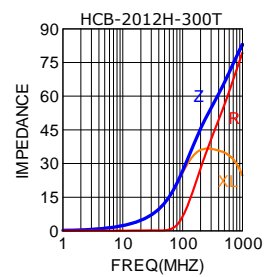
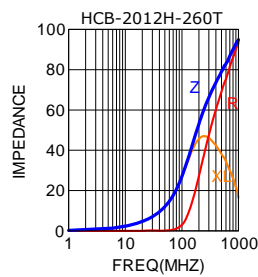
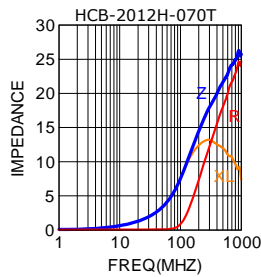
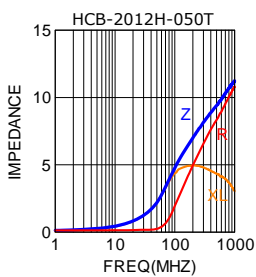
MULTILAYER CHIP BEADS → HCB-1608H : High Frequency Type



MULTILAYER CHIP BEADS → HCB-2012H : High Frequency Type

ELECTRICAL CHARACTERISTICS

ORDERING CODE	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω)max	Rated Current (mA)max
HCB-2012H-050T	5±25%	100	0.10	600
HCB-2012H-070T	7±25%	100	0.10	600
HCB-2012H-260T	26±25%	100	0.20	500
HCB-2012H-300T	30±25%	100	0.15	500
HCB-2012H-600T	60±25%	100	0.30	400
HCB-2012H-121T	120±25%	100	0.30	300
HCB-2012H-151T	150±25%	100	0.40	300
HCB-2012H-201T	200±25%	100	0.40	300
HCB-2012H-221T	220±25%	100	0.40	300
HCB-2012H-301T	300±25%	100	0.50	200
HCB-2012H-451T	450±25%	100	0.60	200
HCB-2012H-601T	600±25%	100	0.60	200
HCB-2012H-102T	1000±25%	100	0.80	200
HCB-2012H-152T	1500±25%	100	0.90	100
HCB-2012H-202T	2000±25%	100	1.20	100
HCB-2012H-222T	2200±25%	100	1.20	100
HCB-2012H-272T	2700±25%	100	1.20	100

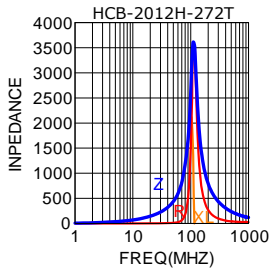
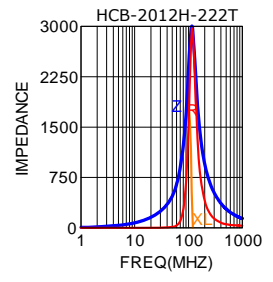
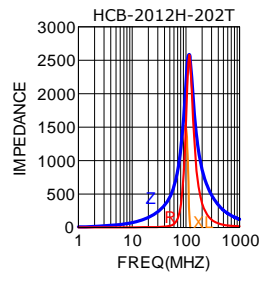
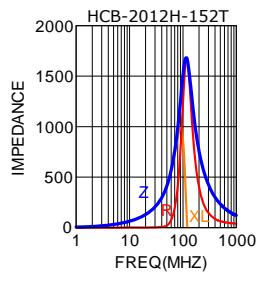
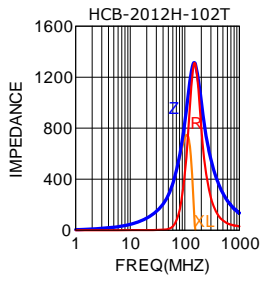


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MULTILAYER CHIP BEADS → HCB-2012H : High Frequency Type



MULTILAYER CHIP BEADS → HCB-3216H : High Frequency Type

ELECTRICAL CHARACTERISTICS

ORDERING CODE	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω)max	Rated Current (mA)max
HCB-3216H-190T	19 \pm 25%	100	0.10	500
HCB-3216H-700T	70 \pm 25%	100	0.30	500
HCB-3216H-121T	120 \pm 25%	100	0.30	400
HCB-3216H-301T	300 \pm 25%	100	0.50	300
HCB-3216H-601T	600 \pm 25%	100	0.60	200
HCB-3216H-202T	2000 \pm 25%	100	1.20	100

