

SPECIFICATION OF HCB-___P 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 series generates an impedance from the relatively low to high frequency. Therefore the HCB series is effective in noise suppression in the wide frequency range.



ORDERING CODE

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

(1) PRODUCT TYPE CODE

HCB :HHK Chip Bead

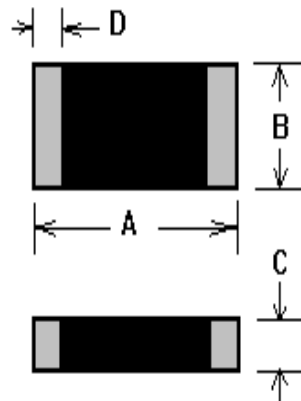
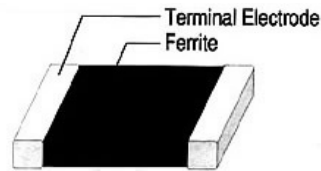
(2) SIZE CODE

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



HaoHuaKe Technology Co., Ltd. Tel:0755-2101 7581 QQ: 2606 3546 22
 302, factory building No.1, fangmapu Xinfang street, Guihua community, Longhua District,
 Shenzhen, China

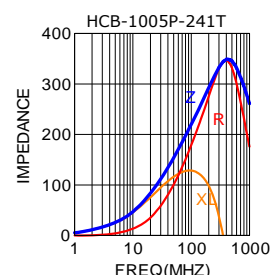
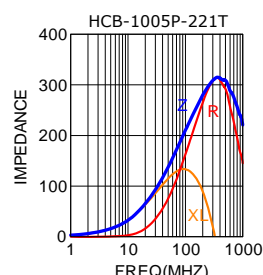
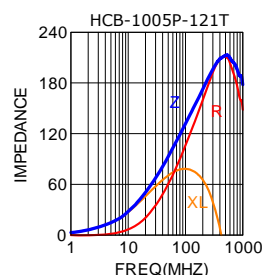
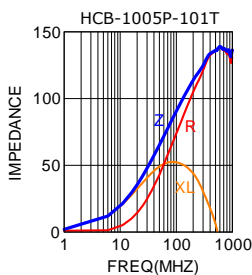
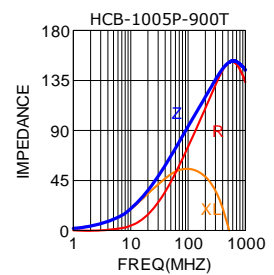
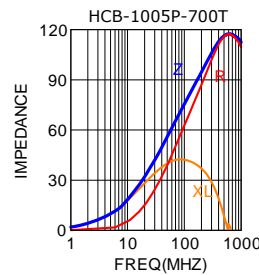
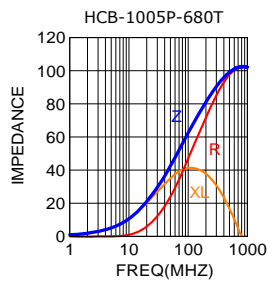
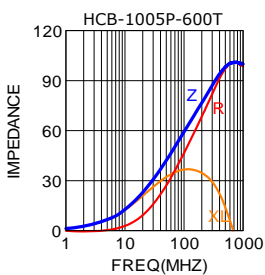
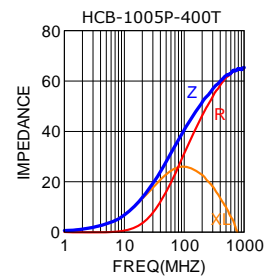
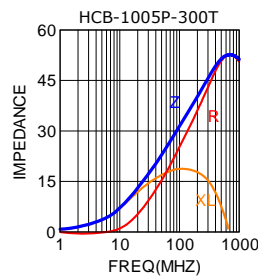
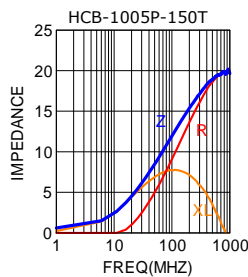
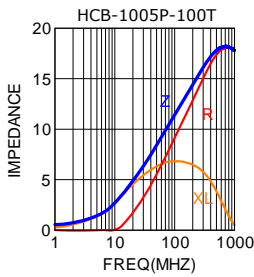
E-mail: hhk_shenzhen@126.com

Web Site:
<http://www.haohuake.cn>

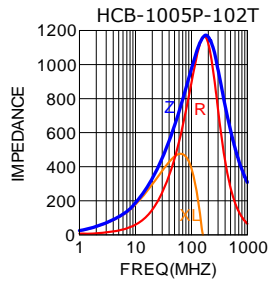
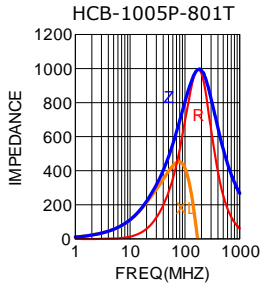
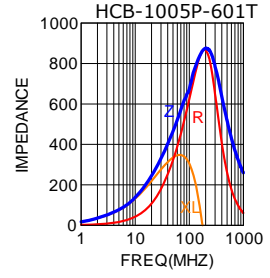
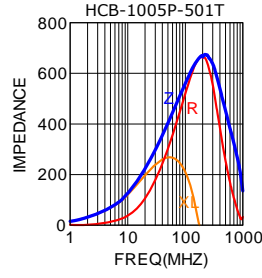
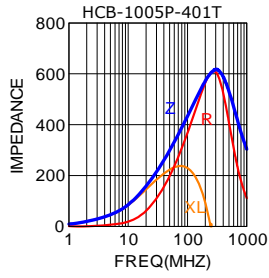
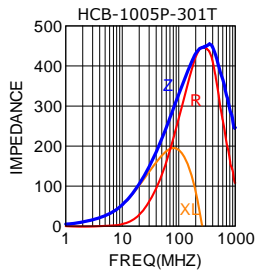
MULTILAYER CHIP BEADS → HCB-1005P : Standard Type

ELECTRICAL CHARACTERISTICS

ORDERING CODE	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω)max	Rated Current (mA)max
HCB-1005P-100T	10 \pm 25%	100	0.3	150
HCB-1005P-150T	15 \pm 25%	100	0.2	300
HCB-1005P-300T	30 \pm 25%	100	0.3	150
HCB-1005P-400T	40 \pm 25%	100	0.3	150
HCB-1005P-600T	60 \pm 25%	100	0.4	150
HCB-1005P-680T	68 \pm 25%	100	0.4	150
HCB-1005P-700T	70 \pm 25%	100	0.3	150
HCB-1005P-900T	90 \pm 25%	100	0.4	150
HCB-1005P-101T	100 \pm 25%	100	0.4	150
HCB-1005P-121T	120 \pm 25%	100	0.5	150
HCB-1005P-221T	220 \pm 25%	100	0.7	100
HCB-1005P-241T	240 \pm 25%	100	0.8	100
HCB-1005P-301T	300 \pm 25%	100	0.8	100
HCB-1005P-401T	400 \pm 25%	100	0.8	100
HCB-1005P-501T	500 \pm 25%	100	0.9	100
HCB-1005P-601T	600 \pm 25%	100	1.0	100
HCB-1005P-801T	800 \pm 25%	100	1.1	50
HCB-1005P-102T	1000 \pm 25%	100	1.2	50



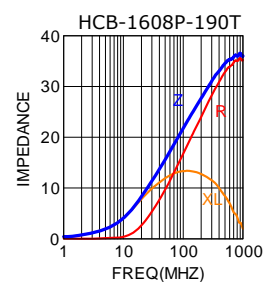
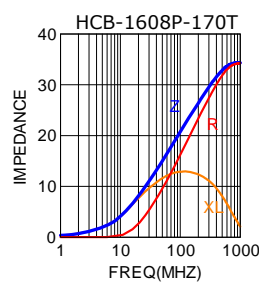
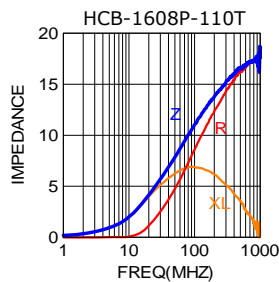
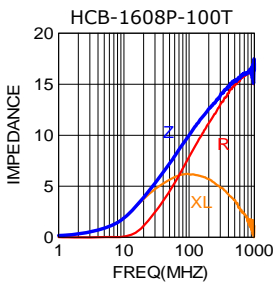
MULTILAYER CHIP BEADS → HCB-1005P : Standard Type



MULTILAYER CHIP BEADS → HCB-1608P : Standard Type

ELECTRICAL CHARACTERISTICS

ORDERING CODE	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω)max	Rated Current (mA)max
HCB-1608P-100T	10 \pm 25%	100	0.1	500
HCB-1608P-110T	11 \pm 25%	100	0.1	600
HCB-1608P-170T	17 \pm 25%	100	0.1	600
HCB-1608P-190T	19 \pm 25%	100	0.1	600
HCB-1608P-280T	28 \pm 25%	100	0.2	300
HCB-1608P-470T	47 \pm 25%	100	0.3	300
HCB-1608P-500T	50 \pm 25%	100	0.3	500
HCB-1608P-600T	60 \pm 25%	100	0.3	300
HCB-1608P-700T	70 \pm 25%	100	0.3	300
HCB-1608P-800T	80 \pm 25%	100	0.3	300
HCB-1608P-900T	90 \pm 25%	100	0.3	300
HCB-1608P-101T	100 \pm 25%	100	0.3	200
HCB-1608P-121T	120 \pm 25%	100	0.3	200
HCB-1608P-151T	150 \pm 25%	100	0.4	200
HCB-1608P-181T	180 \pm 25%	100	0.4	200
HCB-1608P-221T	220 \pm 25%	100	0.4	200
HCB-1608P-241T	240 \pm 25%	100	0.4	200
HCB-1608P-301T	300 \pm 25%	100	0.5	200
HCB-1608P-401T	400 \pm 25%	100	0.5	200
HCB-1608P-421T	420 \pm 25%	100	0.5	200
HCB-1608P-471T	470 \pm 25%	100	0.5	200
HCB-1608P-501T	500 \pm 25%	100	0.5	200
HCB-1608P-601T	600 \pm 25%	100	0.6	200
HCB-1608P-701T	700 \pm 25%	100	0.7	200
HCB-1608P-751T	750 \pm 25%	100	0.7	200
HCB-1608P-801T	800 \pm 25%	100	0.7	200
HCB-1608P-102T	1000 \pm 25%	100	1.0	100
HCB-1608P-122T	1200 \pm 25%	100	1.0	100

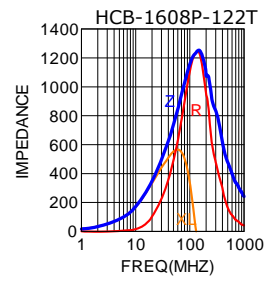
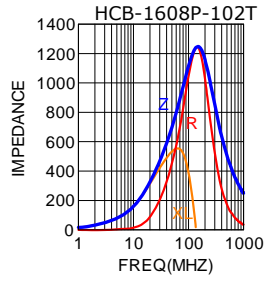
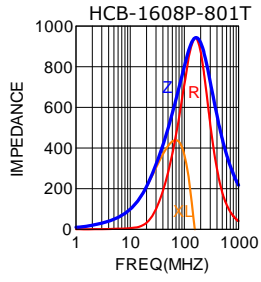
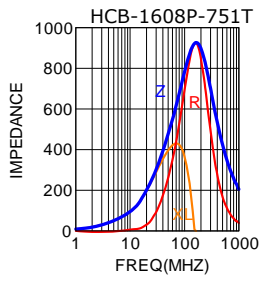


HaoHuaKe Technology Co., Ltd. Tel:0755-2101 7581 QQ:2606 3546 22
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E-mail: hhk_shenzhen@126.com

Web Site: <http://www.haohuake.cn>

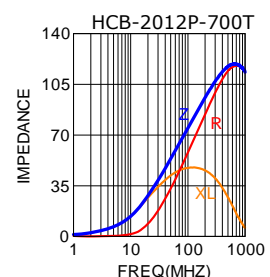
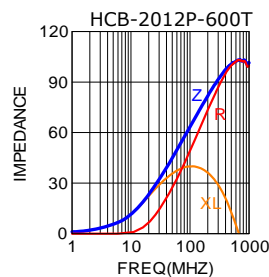
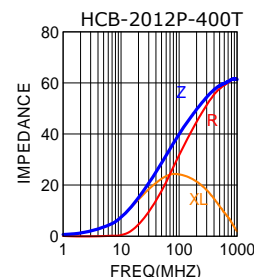
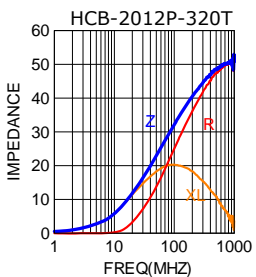
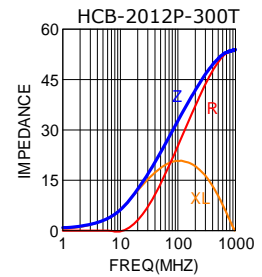
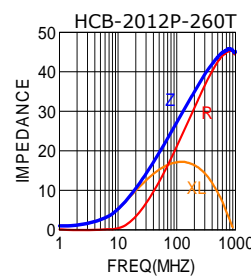
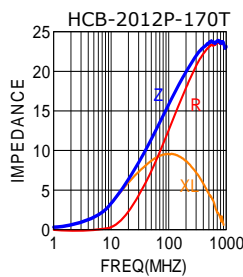
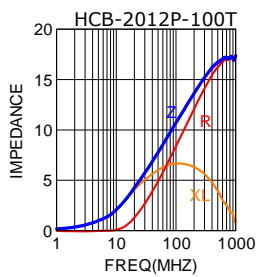
MULTILAYER CHIP BEADS → HCB-1608P : Standard Type



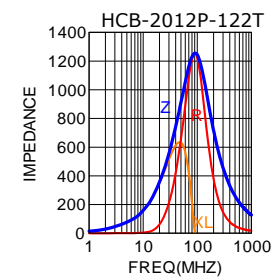
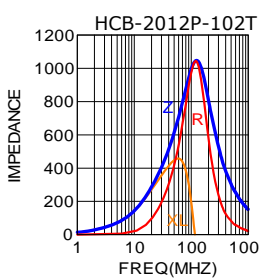
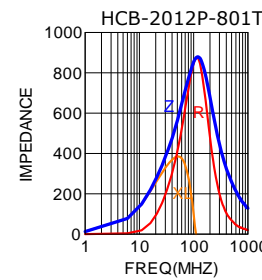
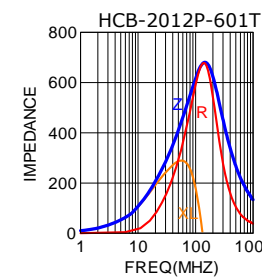
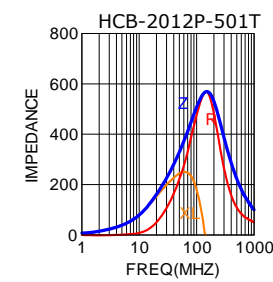
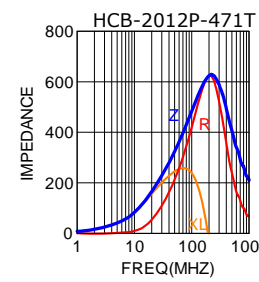
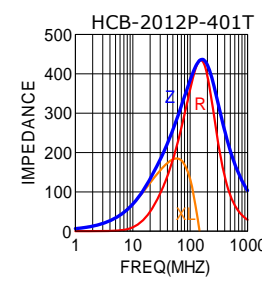
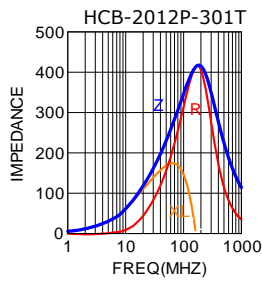
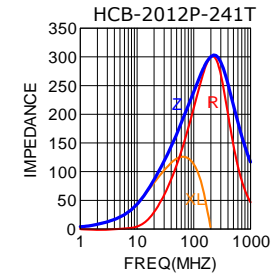
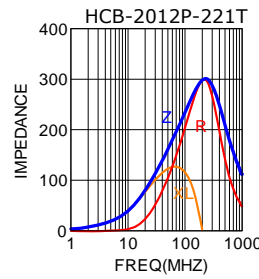
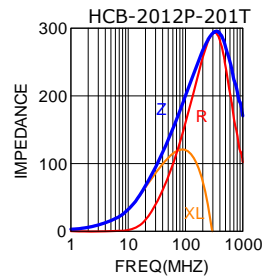
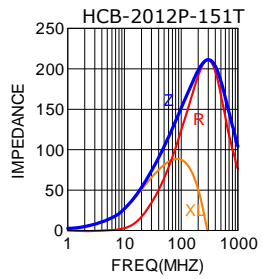
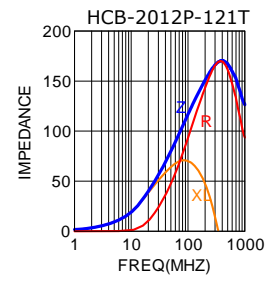
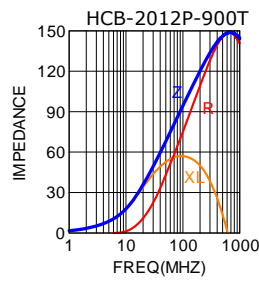
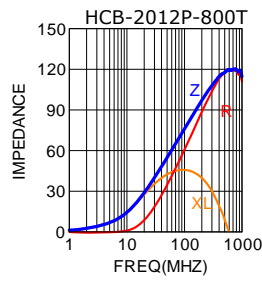
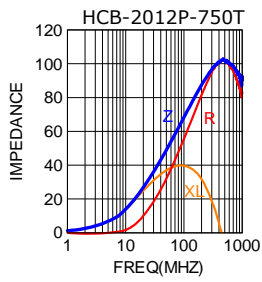
MULTILAYER CHIP BEADS → HCB-2012P : Standard Type

ELECTRICAL CHARACTERISTICS

ORDERING CODE	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω)max	Rated Current (mA)max
HCB-2012P-100T	10 \pm 25%	100	0.1	600
HCB-2012P-170T	17 \pm 25%	100	0.1	600
HCB-2012P-260T	26 \pm 25%	100	0.1	600
HCB-2012P-300T	30 \pm 25%	100	0.15	500
HCB-2012P-320T	32 \pm 25%	100	0.15	500
HCB-2012P-400T	40 \pm 25%	100	0.3	300
HCB-2012P-600T	60 \pm 25%	100	0.3	400
HCB-2012P-700T	70 \pm 25%	100	0.3	400
HCB-2012P-750T	75 \pm 25%	100	0.3	400
HCB-2012P-800T	80 \pm 25%	100	0.3	400
HCB-2012P-900T	90 \pm 25%	100	0.3	300
HCB-2012P-121T	120 \pm 25%	100	0.3	300
HCB-2012P-151T	150 \pm 25%	100	0.4	300
HCB-2012P-201T	200 \pm 25%	100	0.4	300
HCB-2012P-221T	220 \pm 25%	100	0.4	300
HCB-2012P-241T	240 \pm 25%	100	0.4	200
HCB-2012P-301T	300 \pm 25%	100	0.4	200
HCB-2012P-401T	400 \pm 25%	100	0.5	200
HCB-2012P-471T	470 \pm 25%	100	0.5	200
HCB-2012P-501T	500 \pm 25%	100	0.5	200
HCB-2012P-601T	600 \pm 25%	100	0.6	200
HCB-2012P-801T	800 \pm 25%	100	0.7	150
HCB-2012P-102T	1000 \pm 25%	100	0.8	200
HCB-2012P-122T	1200 \pm 25%	100	0.8	200



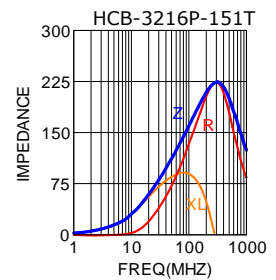
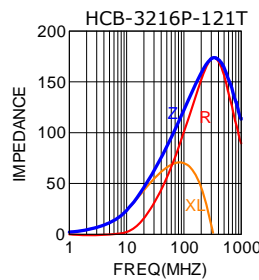
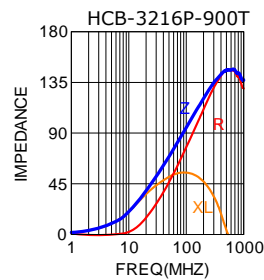
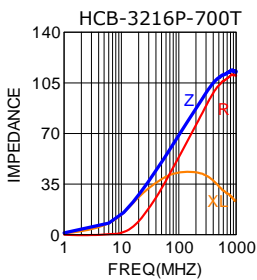
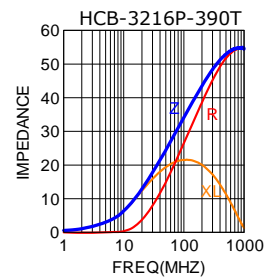
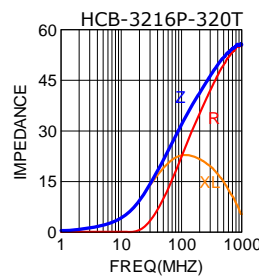
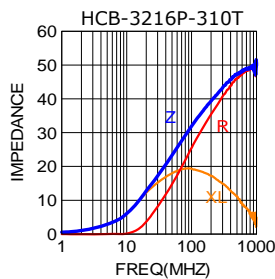
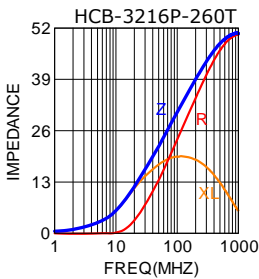
MULTILAYER CHIP BEADS → HCB-2012P : Standard Type



MULTILAYER CHIP BEADS → HCB-3216P : Standard Type

ELECTRICAL CHARACTERISTICS

ORDERING CODE	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω)max	Rated Current (mA)max
HCB-3216P-260T	26 \pm 25%	100	0.15	500
HCB-3216P-310T	31 \pm 25%	100	0.15	500
HCB-3216P-320T	32 \pm 25%	100	0.15	500
HCB-3216P-390T	39 \pm 25%	100	0.3	500
HCB-3216P-700T	70 \pm 25%	100	0.3	500
HCB-3216P-900T	90 \pm 25%	100	0.3	400
HCB-3216P-121T	120 \pm 25%	100	0.3	400
HCB-3216P-151T	150 \pm 25%	100	0.4	400
HCB-3216P-201T	200 \pm 25%	100	0.4	400
HCB-3216P-301T	300 \pm 25%	100	0.5	300
HCB-3216P-401T	400 \pm 25%	100	0.5	300
HCB-3216P-501T	500 \pm 25%	100	0.5	300
HCB-3216P-601T	600 \pm 25%	100	0.6	200
HCB-3216P-801T	800 \pm 25%	100	0.7	150
HCB-3216P-102T	1000 \pm 25%	100	0.8	200
HCB-3216P-122T	1200 \pm 25%	50	0.9	100
HCB-3216P-152T	1500 \pm 25%	50	0.9	100
HCB-3216P-202T	2000 \pm 25%	30	1.2	100



MULTILAYER CHIP BEADS → HCB-3216P : Standard Type

