

SMD MULTILAYER FERRITE CHIP BEADS / CB TYPE

FEATURES

- ◆ Suitable for flow and reflow soldering
- ◆ Impedance over a broad frequency range
- ◆ Standard type used to suppress lower-frequency, lower current signals

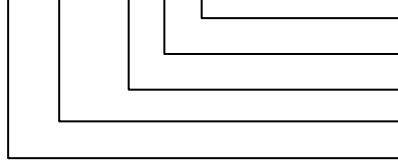
APPLICATIONS

- ◆ Consumer electronic products
- ◆ Computer and peripheral products
- ◆ I/O ports, DC power lines and Signal lines



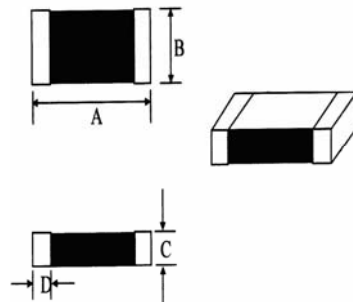
ORDERING CODE

CB 1005 - 060 □ -N



Note: lead-free
Tolerance (Y;±25%)
Impedance
Dimension (AxB)
Product Symbol

SHAPE



DIMENSIONS UNIT: mm (inch)

Part No.	A	B	C	D
CB 1005 (0402)	1.0 ± 0.1	0.5 ± 0.1	0.5 ± 0.1	0.25 ± 0.15
CB 1608 (0603)	1.6 ± 0.2	0.8 ± 0.2	0.8 ± 0.2	0.30 ± 0.20
CB 2012 (0805)	2.0 ± 0.2	1.2 ± 0.2	0.9 ± 0.2	0.50 ± 0.30
CB 3216 (1206)	3.2 ± 0.2	1.6 ± 0.2	1.1 ± 0.2	0.50 ± 0.30
CB 4516 (1806)	4.5 ± 0.2	1.6 ± 0.2	1.6 ± 0.2	0.50 ± 0.30



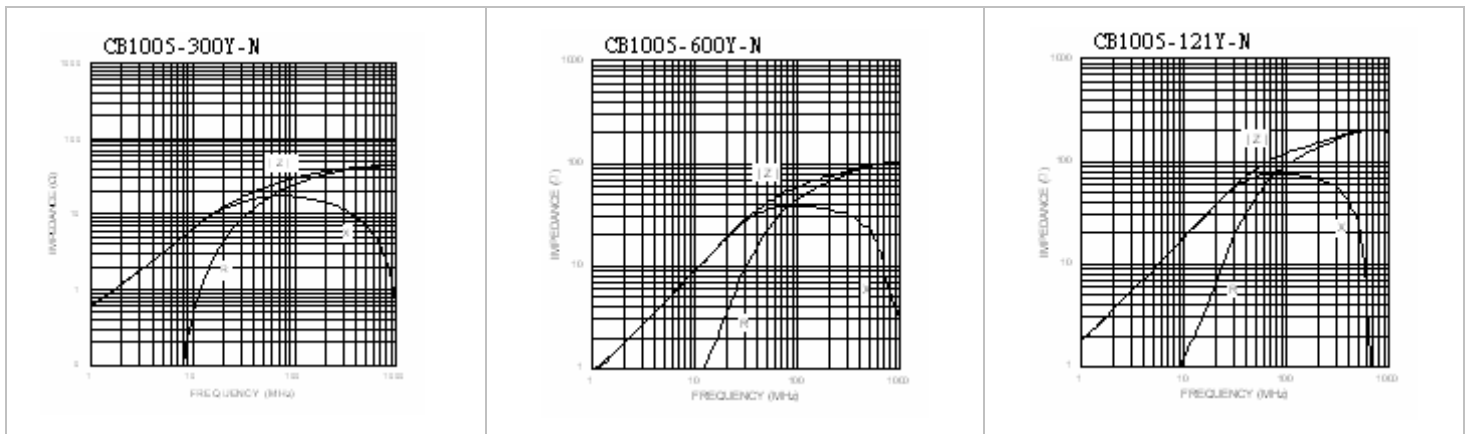
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ELECTRICAL CHARACTERISTICS

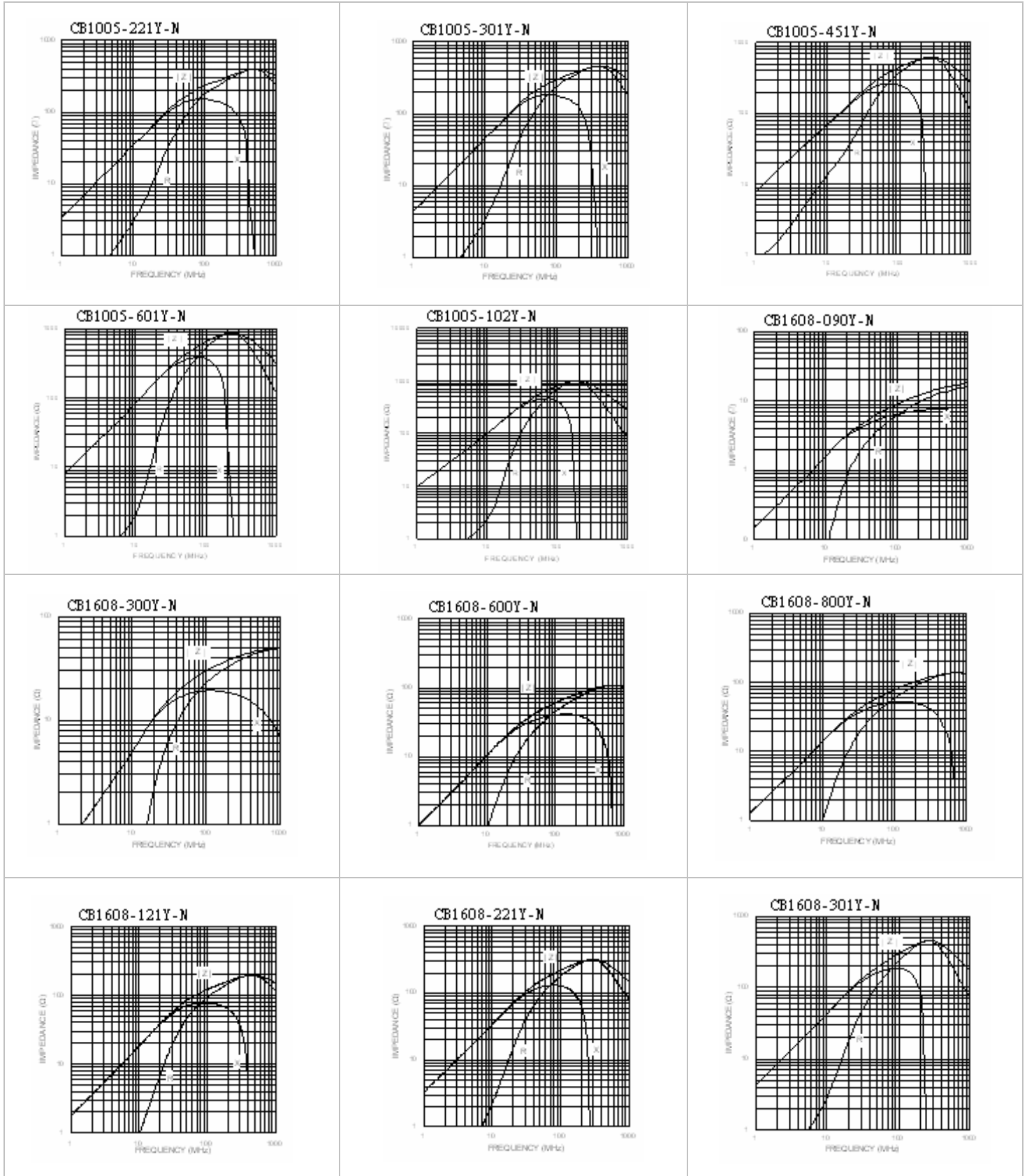
Part No.	Impedance (Ω) At 100MHz	DCR (Ω) Max	IDC (mA) Max	Part No.	Impedance (Ω) At 100MHz	DCR (Ω) Max	IDC (mA) Max
CB1005-300□-N	30	0.30	500	CB2012-151□-N	150	0.25	300
CB1005-600□-N	60	0.40	200	CB2012-221□-N	220	0.30	200
CB1005-121□-N	120	0.50	200	CB2012-301□-N	300	0.30	200
CB1005-221□-N	220	0.70	100	CB2012-501□-N	500	0.30	200
CB1005-301□-N	300	0.80	100	CB2012-601□-N	600	0.35	200
CB1005-451□-N	450	0.90	100	CB2012-102□-N	1000	0.45	200
CB1005-601□-N	600	1.00	100	CB3216-310□-N	31	0.20	500
CB1005-102□-N	1000	1.50	50	CB3216-600□-N	60	0.30	400
CB1608-090□-N	9	0.20	500	CB3216-900□-N	90	0.30	300
CB1608-300□-N	30	0.20	400	CB3216-151□-N	150	0.30	300
CB1608-600□-N	60	0.20	300	CB3216-301□-N	300	0.30	300
CB1608-800□-N	80	0.20	300	CB3216-601□-N	600	0.30	200
CB1608-121□-N	120	0.20	200	CB3216-122□-N	1200 (at 50 MHz)	0.50	100
CB1608-221□-N	220	0.20	200	CB3216-152□-N	1500 (at 50 MHz)	0.50	100
CB1608-301□-N	300	0.35	200	CB3216-202□-N	2000 (at 30 MHz)	0.60	100
CB1608-451□-N	450	0.40	200	CB4516-600□-N	60	0.10	500
CB1608-601□-N	600	0.45	200	CB4516-151□-N	150	0.30	300
CB1608-102□-N	1000	0.60	100				
CB2012-110□-N	11	0.15	600				
CB2012-320□-N	32	0.15	400				
CB2012-800□-N	80	0.15	300				
CB2012-121□-N	120	0.25	300				



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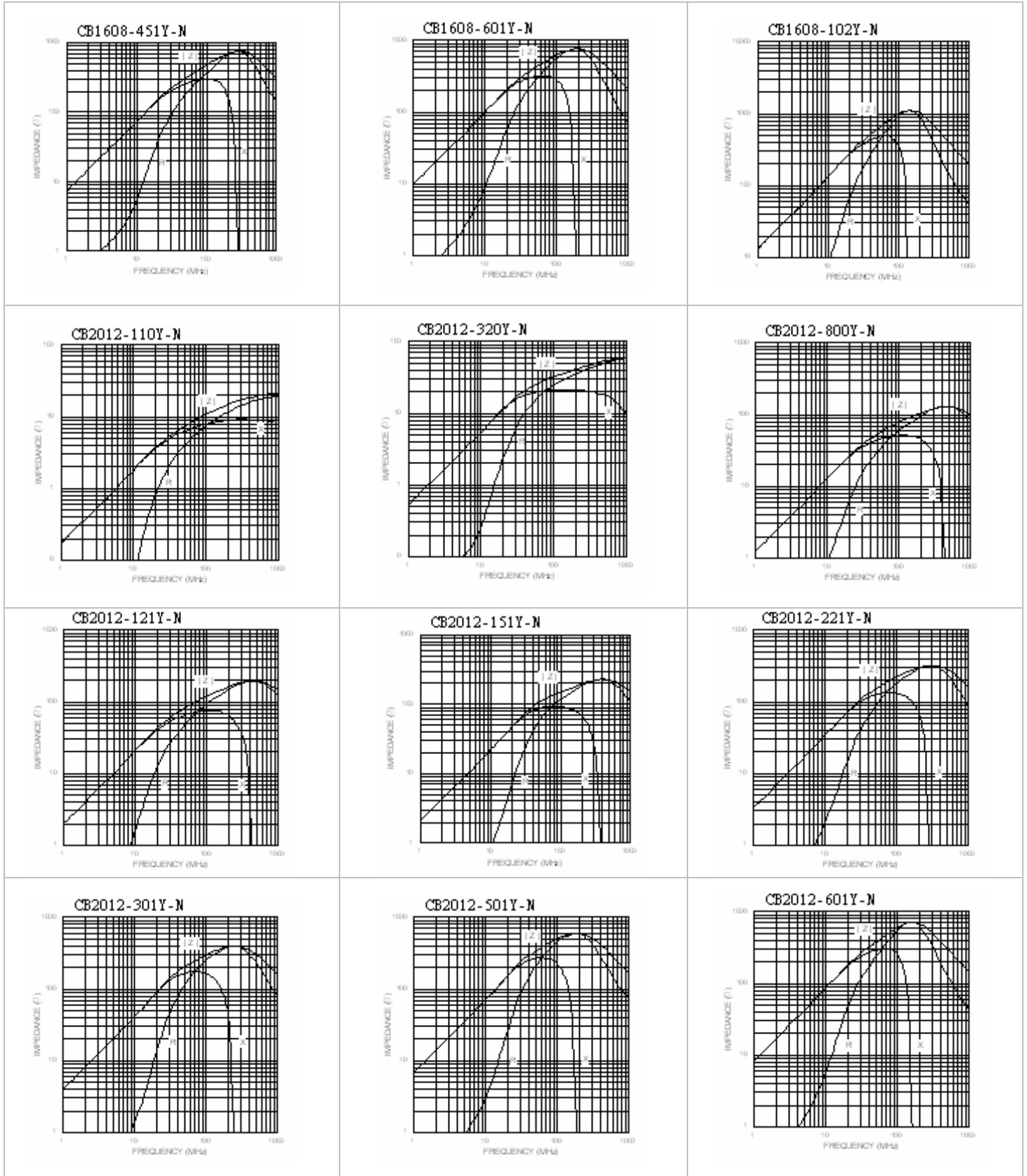
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