

LARGE CURRENT MULTILAYER CHIP BEADS / LCB TYPE

FEATURES

- ◆ Low DCR, small package
- ◆ High current handling capacity
- ◆ Nickel barrier terminations provide excellent solder heat resistance
- ◆ Suitable for flow and reflow soldering and high current applications

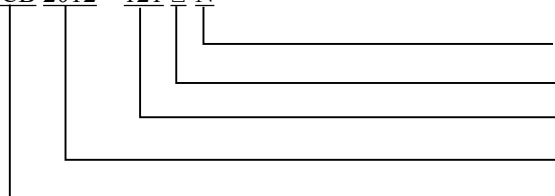


APPLICATIONS

- ◆ I/O interfaces.
- ◆ Computer motherboards.
- ◆ Various categories of consumer electronics.

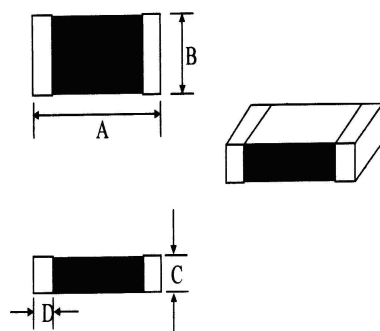
ORDERING CODE

LCB 2012 – 121 □ -N



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

SHAPE



DIMENSIONS UNIT: mm (inch)

Part No.	A	B	C	D
LCB 1608 (0603)	1.6 ± 0.2	0.8 ± 0.2	0.8 ± 0.2	0.3 ± 0.2
LCB 2012 (0805)	2.0 ± 0.2	1.2 ± 0.2	0.9 ± 0.2	0.5 ± 0.3
LCB 3216 (1206)	3.2 ± 0.2	1.6 ± 0.2	1.1 ± 0.2	0.5 ± 0.3
LCB 4516 (1806)	4.5 ± 0.2	1.6 ± 0.2	1.6 ± 0.2	0.5 ± 0.3
LCB 4532 (1812)	4.5 ± 0.2	3.2 ± 0.2	1.5 ± 0.2	0.5 ± 0.3



CORE MASTER ENTERPRISE CO., LTD.

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ELECTRICAL CHARACTERISTICS

Part No.	Impedance (Ω) AT 100MHz	DC Resistance (Ω) Max	Rated Current (A) Max
LCB 1608-100 □-N	10	0.030	4.0
LCB 1608-300 □-N	30	0.050	3.0
LCB 1608-600 □-N	60	0.050	3.0
LCB 1608-121 □-N	120	0.100	2.0
LCB 1608-221 □-N	220	0.150	1.5
LCB 1608-301 □-N	300	0.150	1.5
LCB 1608-601 □-N	600	0.300	1.0
LCB 2012-110 □-N	11	0.010	6.0
LCB 2012-170 □-N	17	0.010	6.0
LCB 2012-220 □-N	22	0.010	6.0
LCB 2012-300 □-N	30	0.030	4.0
LCB 2012-600 □-N	60	0.050	3.0
LCB 2012-121 □-N	120	0.080	2.5
LCB 2012-221 □-N	220	0.100	2.0
LCB 2012-301 □-N	300	0.100	2.0
LCB 2012-601 □-N	600	0.300	1.0
LCB 2012-102 □-N	1000	0.300	1.0
LCB 3216-310 □-N	31	0.010	6.0
LCB 3216-500 □-N	50	0.025	3.0
LCB 3216-121 □-N	120	0.080	2.5
LCB 3216-301 □-N	300	0.080	2.5
LCB 3216-601 □-N	600	0.100	2.0
LCB 3216-102 □-N	1000	0.200	1.5
LCB 4516-600 □-N	60	0.010	6.0
LCB 4516-750 □-N	75	0.050	3.0
LCB 4516-800 □-N	80	0.050	3.0
LCB 4516-471 □-N	470	0.090	2.0
LCB 4532-700 □-N	70	0.030	6.0
LCB 4532-121 □-N	120	0.050	3.0



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