

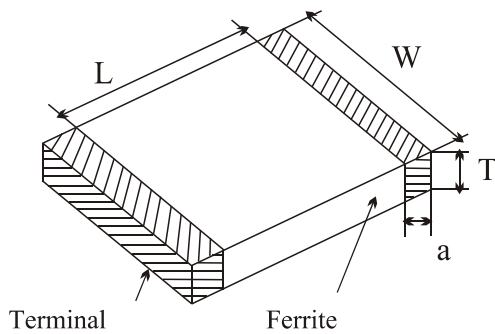
MULTILAYER CHIP FERRITE BEADS

CB Series General Multilayer Ferrite Chip Beads

FEATURES

- Can be used in a wide range of frequency to eliminate EMI/RFI.
- Proportionated to meet the EIA standard, can be mounted with surface mounting equipment.
- Excellent in solderability and high heat resistance with either flow or reflow soldering.

SHAPE AND DIMENSIONS



Unit:mm

Type	L	W	T	a
Cb1005 (0402)	1.0±0.15	0.5±0.15	0.5±0.15	0.25±0.15
CB1608 (0603)	1.6±0.15	0.8±0.15	0.8±0.15	0.3±0.2
CB2012 (0805)	2.0±0.2	1.2±0.2	1.2±0.2	0.4±0.2
CB3216 (1206)	3.2±0.2	1.6±0.2	0.8±0.2 1.1±0.3 1.6±0.2	0.5±0.3
CB3225 (1210)	3.2±0.2	2.5±0.2	1.3±0.3	0.5±0.3
CB4516 (1806)	4.5±0.2	1.6±0.2	1.6±0.3	0.5±0.3
CB4532 (1812)	4.5±0.2	3.2±0.2	1.5±0.3	0.5±0.3

PART NUMBERING

$\frac{CB}{(1)}$ $\frac{32\ 16}{(2)}$ $\frac{L}{(3)}$ $\frac{300}{(4)}$

- (1) Product symbol
- (2) Dimensions
- (3) Material code
- (4) Impedance

Length (L) × Width (W)

300: 30 Ω 601: 600 Ω 102: 1000 Ω

SPECIFICATIONS

TYPICAL ELECTRICAL CHARACTERISTICS

CB2012(0805) Type

Part No.	Impedance (Ω) $\pm 25\%$	Test Frequency (MHz)	DC Resistance (Ω) (Max)	Rated Current (mA) (Max) *
CB2012L000	<5	100	0.05	800
CB2012L050	5	100	0.05	800
CB2012L070	7	100	0.05	800
CB2012L100	10	100	0.06	800
CB2012L190	19	100	0.08	600
CB2012L260	26	100	0.08	600
CB2012L310	31	100	0.08	600
CB2012L600	60	100	0.15	500
CB2012L700	70	100	0.25	500
CB2012L800	80	100	0.25	500
CB2012L121	120	100	0.25	400
CB2012L151	150	100	0.25	400
CB1608L201	200	100	0.30	400
CB2012L221	220	100	0.30	400
CB2012L301	300	100	0.30	400
CB2012L501	500	100	0.40	200
CB2012L601	600	100	0.40	200
CB2012L751	750	100	0.45	200
CB2012L102	1000	100	0.45	200
CB2012L122	1200	50	0.60	100
CB2012L152	1500	50	0.70	100
CB2012L202	2000	50	1.00	100

* The Rated Current Specification of Customer is Welcome.

