



Multilayer Ferrite Chip Beads

SB Series

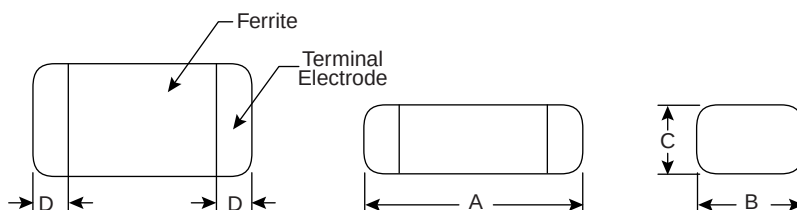
APPLICATIONS

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

FEATURES

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

SHAPES AND DIMENSIONS (mm)



Type	A	B	C	D
0603	1.6±0.20	0.80±0.15	0.8±0.15	0.3±0.2
0805	2.0±0.20	1.25±0.20	0.9±0.20	0.5±0.3
1206	3.2±0.20	1.60±0.20	1.1±0.20	0.5±0.3
1210	3.2±0.2	2.5±0.2	1.3±0.2	0.5±0.3
1806	4.5±0.25	1.6±0.2	1.6±0.2	0.5±0.3
1812	4.5±0.25	3.2±0.2	1.5±0.2	0.5±0.3

ELECTRICAL CHARACTERISTICS

Part Number	Case Size	Test Frequency (MHz)	Impedance ($\Omega \pm 25\%$)	DC Resistance (Ω) max.	Rated Current (mA) max.
436-0110	0603	100	11	0.05	500
436-0190	0603	100	19	0.08	500
436-0300	0603	100	30	0.10	400
436-0400	0603	100	40	0.10	400
436-0600	0603	100	60	0.10	300
436-0800	0603	100	80	0.15	300
436-0121	0603	100	120	0.25	300
436-0221	0603	100	220	0.30	200
436-0301	0603	100	300	0.40	200
436-0451	0603	100	450	0.50	200
436-0601	0603	100	600	0.50	200
436-0751	0603	100	750	0.70	200
436-0102	0603	100	1000	0.70	200
436-0152	0603	100	1500	1.00	50
436-0222	0603	100	2200	1.20	50
436-1070	0805	100	7	0.10	600
436-1090	0805	100	9	0.10	600
436-1110	0805	100	11	0.10	600
436-1170	0805	100	17	0.10	600
436-1600	0805	100	60	0.15	500
436-1700	0805	100	70	0.15	500
436-1800	0805	100	80	0.15	500
436-1121	0805	100	120	0.25	300
436-1151	0805	100	150	0.25	300
436-1221	0805	100	220	0.30	300
436-1301	0805	100	300	0.30	300
436-1401	0805	100	400	0.30	300
436-1501	0805	100	500	0.40	300
436-1601	0805	100	600	0.40	300
436-1751	0805	100	750	0.50	200
436-1102	0805	100	1000	0.50	200
436-1152	0805	100	1500	0.60	200
436-1202	0805	100	2000	0.80	100
436-1222	0805	100	2200	1.00	100
436-2320	1206	100	32	0.05	600
436-2600	1206	100	60	0.10	500
436-2601	1206	100	600	0.30	400
436-3600	1210	100	32	0.20	500
436-4800	1806	100	80	0.20	600
436-4151	1806	100	150	0.30	500
436-5121	1812	100	120	0.30	500



Mouser Electronics

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