



Multilayer Ferrite Chip Beads

SB Series

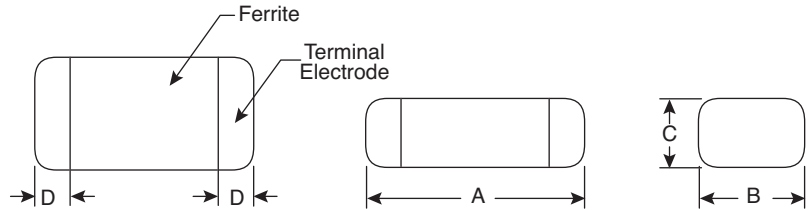
APPLICATIONS

- 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
- RoHS Compliant

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-RC	0603	100	11	0.05	500
436-0190-RC	0603	100	19	0.08	500
436-0300-RC	0603	100	30	0.10	400
436-0400-RC	0603	100	40	0.10	400
436-0600-RC	0603	100	60	0.10	300
436-0800-RC	0603	100	80	0.15	300
436-0121-RC	0603	100	120	0.25	300
436-0221-RC	0603	100	220	0.30	200
436-0301-RC	0603	100	300	0.40	200
436-0451-RC	0603	100	450	0.50	200
436-0601-RC	0603	100	600	0.50	200
436-0751-RC	0603	100	750	0.70	200
436-0102-RC	0603	100	1000	0.70	200
436-0152-RC	0603	100	1500	1.00	50
436-0222-RC	0603	100	2200	1.20	50
436-1070-RC	0805	100	7	0.10	600
436-1090-RC	0805	100	9	0.10	600
436-1110-RC	0805	100	11	0.10	600
436-1170-RC	0805	100	17	0.10	600
436-1600-RC	0805	100	60	0.15	500
436-1700-RC	0805	100	70	0.15	500
436-1800-RC	0805	100	80	0.15	500
436-1121-RC	0805	100	120	0.25	300
436-1151-RC	0805	100	150	0.25	300
436-1221-RC	0805	100	220	0.30	300
436-1301-RC	0805	100	300	0.30	300
436-1401-RC	0805	100	400	0.30	300
436-1501-RC	0805	100	500	0.40	300
436-1601-RC	0805	100	600	0.40	300
436-1751-RC	0805	100	750	0.50	200
436-1102-RC	0805	100	1000	0.50	200
436-1152-RC	0805	100	1500	0.60	200
436-1202-RC	0805	100	2000	0.80	100
436-1222-RC	0805	100	2200	1.00	100
436-2320-RC	1206	100	32	0.05	600
436-2600-RC	1206	100	60	0.10	500
436-2601-RC	1206	100	600	0.30	400
436-3600-RC	1210	100	32	0.20	500
436-4800-RC	1806	100	80	0.20	600
436-4151-RC	1806	100	150	0.30	500
436-5121-RC	1812	100	120	0.30	500



Mouser Electronics

Authorized Distributor

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Xicon:

<u>436-0102-RC</u>	<u>436-0110-RC</u>	<u>436-0121-RC</u>	<u>436-0152-RC</u>	<u>436-0190-RC</u>	<u>436-0221-RC</u>	<u>436-0222-RC</u>	<u>436-0300-RC</u>
<u>436-0301-RC</u>	<u>436-0400-RC</u>	<u>436-0451-RC</u>	<u>436-0600-RC</u>	<u>436-0601-RC</u>	<u>436-0751-RC</u>	<u>436-0800-RC</u>	<u>436-1070-RC</u>
<u>436-1090-RC</u>	<u>436-1102-RC</u>	<u>436-1110-RC</u>	<u>436-1121-RC</u>	<u>436-1151-RC</u>	<u>436-1152-RC</u>	<u>436-1170-RC</u>	<u>436-1202-RC</u>
<u>436-1221-RC</u>	<u>436-1222-RC</u>	<u>436-1301-RC</u>	<u>436-1320-RC</u>	<u>436-1401-RC</u>	<u>436-1501-RC</u>	<u>436-1600-RC</u>	<u>436-1601-RC</u>
<u>436-1700-RC</u>	<u>436-1751-RC</u>	<u>436-1800-RC</u>	<u>436-2320-RC</u>	<u>436-2600-RC</u>	<u>436-2601-RC</u>	<u>436-3600-RC</u>	<u>436-4151-RC</u>
<u>436-4800-RC</u>	<u>436-5121-RC</u>						