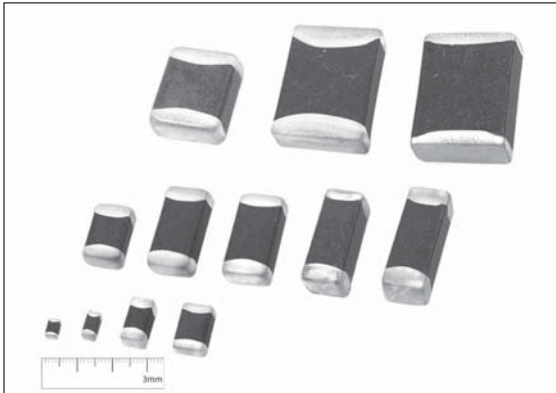


MULTILAYER FERRITE CHIP BEADS (AA SERIES)

trio



● PART NUMBERING

AA - □□□ □ □□ □ □□
(1) (2) (3) (4) (5) (6)

- (1) Series
- (2) Inductance
- (3) Tolerance
- (4) Dimension
- (5) Material
- (6) Internal Serial No.

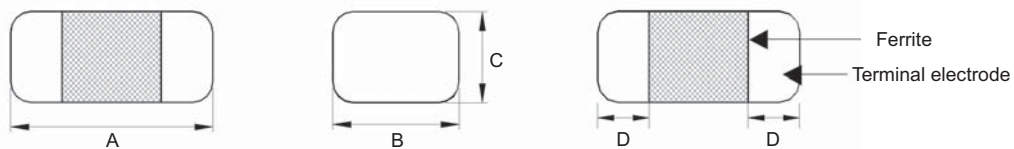
● FEATURES

- Monolithic inorganic material construction.
- Closed magnetic circuit avoids crosstalk.
- Suitable for flow and reflow soldering.
- Excellent solderability and heat resistance.
- High reliability.
- Large current is available.

● APPLICATIONS

- Personal computers, HDDs, and other computer peripheral products
- Communication equipment, digital telephones, and cellular phones
- PDAs, printers, and electronic game machines
- Suitable for I/O ports, DC power lines and signal lines, and general circuits with unstable ground

● CONFIGURATIONS & DIMENSIONS



AA
01

Unit : mm

SERIES	A	B	C	D
AA-01□	1.0±0.10	0.50±0.10	0.50±0.10	0.25±0.10
AA-02□	1.6±0.15	0.80±0.15	0.80±0.15	0.30±0.20
AA-03□	2.0±0.20	1.25±0.20	0.90±0.20	0.50±0.30
AA-06□	3.2±0.20	1.60±0.20	1.10±0.20	0.50±0.30
AA-06□	3.2±0.20	1.60±0.20	1.60±0.20	0.50±0.30
AA-07□	3.2±0.20	2.50±0.20	1.30±0.20	0.50±0.30
AA-08□	4.5±0.25	1.60±0.20	1.60±0.20	0.50±0.30
AA-09□	4.5±0.25	3.20±0.20	1.50±0.20	0.50±0.30

- For packaging information, please refer to page P.167.
- Operating temperature range : -55°C to +125°C
- Impedance tolerance : ±25%

MULTILAYER FERRITE CHIP BEADS (AA SERIES)

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● ELECTRICAL CHARACTERISTICS

New Part No.	Old Part No.	Impedance (Ω , Typ.)	FREQ. (MHz)	DCR (Ω , Max.)	IDC (mA, Max.)
AA-60AY011□□	CBG100505-6R0	6	100	0.05	500
AA-100Y011□□	CBG100505-100	10	100	0.05	500
AA-400Y011□□	CBG100505-400	40	100	0.30	300
AA-800Y011□□	CBG100505-800	80	100	0.40	300
AA-121Y011□□	CBG100505-121	120	100	0.50	300
AA-241Y011□□	CBG100505-241	240	100	0.50	300
AA-481Y011□□	CBG100505-481	480	100	0.80	300
AA-601Y011□□	CBG100505-601	600	100	1.00	300
AA-102Y011□□	CBG100505-102	1000	100	1.50	100
AA-152Y011□□	CBG100505-152	1500	100	2.00	60
AA-110Y021□□	CBG160808-110	11	100	0.05	500
AA-190Y021□□	CBG160808-190	19	100	0.08	500
AA-300Y021□□	CBG160808-300	30	100	0.10	400
AA-400Y021□□	CBG160808-400	40	100	0.10	400
AA-600Y021□□	CBG160808-600	60	100	0.10	400
AA-800Y021□□	CBG160808-800	80	100	0.15	400
AA-121Y021□□	CBG160808-121	120	100	0.25	400
AA-221Y021□□	CBG160808-221	220	100	0.30	200
AA-301Y021□□	CBG160808-301	300	100	0.40	200
AA-451Y021□□	CBG160808-451	450	100	0.50	200
AA-601Y021□□	CBG160808-601	600	100	0.50	200
AA-751Y021□□	CBG160808-751	750	100	0.70	200
AA-102Y021□□	CBG160808-102	1000	100	0.70	200
AA-152Y021□□	CBG160808-152	1500	100	1.00	50
AA-222Y021□□	CBG160808-222	2200	100	1.20	50
AA-272Y021□□	CBG160808-272	2700	100	1.30	50
AA-70AY031□□	CBG201209-7R0	7	100	0.10	600
AA-90AY031□□	CBG201209-9R0	9	100	0.10	600
AA-110Y031□□	CBG201209-110	11	100	0.10	600
AA-170Y031□□	CBG201209-170	17	100	0.10	600
AA-320Y031□□	CBG201209-320	32	100	0.10	600
AA-600Y031□□	CBG201209-600	60	100	0.15	500
AA-700Y031□□	CBG201209-700	70	100	0.15	500
AA-800Y031□□	CBG201209-800	80	100	0.15	500
AA-121Y031□□	CBG201209-121	120	100	0.25	300
AA-151Y031□□	CBG201209-151	150	100	0.25	300
AA-221Y031□□	CBG201209-221	220	100	0.30	300
AA-301Y031□□	CBG201209-301	300	100	0.30	300
AA-401Y031□□	CBG201209-401	400	100	0.30	300
AA-501Y031□□	CBG201209-501	500	100	0.40	300
AA-601Y031□□	CBG201209-601	600	100	0.40	300
AA-751Y031□□	CBG201209-751	750	100	0.50	200
AA-102Y031□□	CBG201209-102	1000	100	0.50	200
AA-152Y031□□	CBG201209-152	1500	100	0.60	200
AA-202Y031□□	CBG201209-202	2000	100	0.80	100
AA-222Y031□□	CBG201209-222	2200	100	1.00	100
AA-252Y031□□	CBG201209-252	2500	100	1.00	100
AA-272Y031□□	CBG201209-272	2700	100	1.50	100

AA
02

MULTILAYER FERRITE CHIP BEADS (AA SERIES)

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● ELECTRICAL CHARACTERISTICS

New Part No.	Old Part No.	Impedance (Ω , Typ.)	FREQ. (MHz)	DCR (Ω , Max.)	IDC (mA, Max.)
AA-190Y061□□	CBG321611-190	19	100	0.05	600
AA-260Y061□□	CBG321611-260	26	100	0.05	600
AA-320Y061□□	CBG321611-320	32	100	0.05	600
AA-500Y061□□	CBG321611-500	50	100	0.10	500
AA-600Y061□□	CBG321611-600	60	100	0.10	500
AA-700Y061□□	CBG321611-700	70	100	0.10	500
AA-900Y061□□	CBG321611-900	90	100	0.15	500
AA-121Y061□□	CBG321611-121	120	100	0.15	500
AA-151Y061□□	CBG321611-151	150	100	0.15	500
AA-201Y061□□	CBG321611-201	200	100	0.20	400
AA-401Y061□□	CBG321611-401	400	100	0.20	400
AA-501Y061□□	CBG321611-501	500	100	0.20	400
AA-601Y061□□	CBG321611-601	600	100	0.30	400
AA-102Y061□□	CBG321611-102	1000	50	0.40	200
AA-122Y061□□	CBG321611-122	1200	50	0.40	200
AA-152Y061□□	CBG321611-152	1500	50	0.45	200
AA-202Y061□□	CBG321611-202	2000	30	0.60	200
AA-272Y061□□	CBG321611-272	2700	30	0.60	200
AA-250Y061□□	CBG321616-250	25	100	0.10	500
AA-600Y061□□	CBG321616-600	60	100	0.20	500
AA-700Y061□□	CBG321616-700	70	100	0.20	500
AA-320Y071□□	CBG322513-320	32	100	0.20	500
AA-600Y071□□	CBG322513-600	60	100	0.20	500
AA-900Y071□□	CBG322513-900	90	100	0.20	500
AA-500Y081□□	CBG451616-500	50	100	0.20	600
AA-600Y081□□	CBG451616-600	60	100	0.20	600
AA-800Y081□□	CBG451616-800	80	100	0.20	600
AA-101Y081□□	CBG451616-101	100	100	0.30	500
AA-151Y081□□	CBG451616-151	150	100	0.30	500
AA-171Y081□□	CBG451616-171	170	100	0.30	500
AA-700Y091□□	CBG453215-700	70	100	0.30	500
AA-121Y091□□	CBG453215-121	120	100	0.30	500

AA
03

- Operating temperature range : -55°C to +125°C
- Impedance tolerance : $\pm 25\%$