

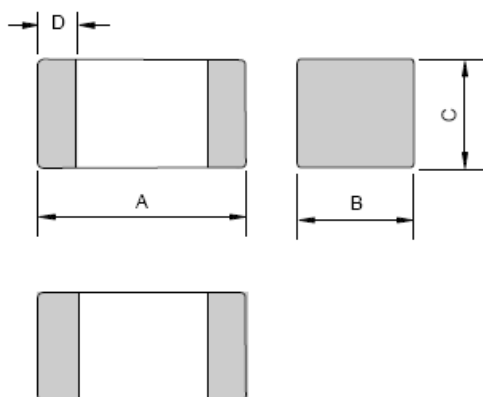
BHC series

FEATURES

1. Monolithic inorganic material construction.
2. Closed magnetic circuit avoids crosstalk.
3. S.M.T. type.
4. Suitable for flow and reflow soldering.
5. Shapes and dimensions follow E.I.A. spec.
6. Available in various sizes.
7. Excellent solderability and heat resistance.
8. High SRF up to 6GHz and above.
9. The products contain no lead and also support lead-free soldering.



DIMENSIONS



Size	A(mm)	B(mm)	C(mm)	D(mm)
1005	1.0±0.1	0.5±0.1	0.5±0.1	0.25±0.1
1608	1.6±0.15	0.8±0.15	0.8±0.15	0.3±0.2
2012	2.0±0.2	1.25±0.2	0.85±0.2	0.5±0.3

APPLICATIONS

- Wireless communications, cellular phone, cordless phone etc.
- Miscellaneous high-frequency circuits. EMI countermeasure in high-frequency circuits.

PARTNUMBER

BHC	1608	—	10N	J	F	V
A	B		C	D	E	F

A : Series
 B : Dimension A x B
 C : Inductance 10N=10nH
 D : Inductance Tolerance S=±0.3nH,
 J=±5%, K=±10%

E : Lead Free Code
 F : ID Code



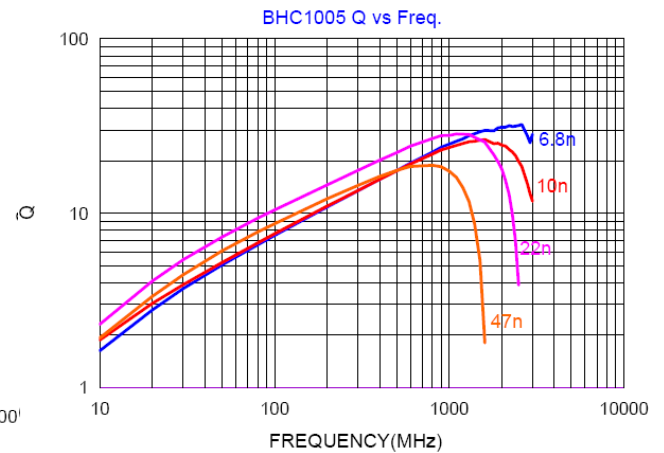
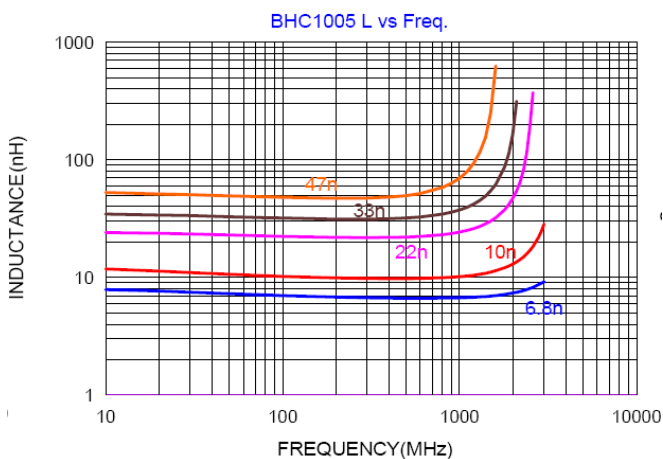
EMI/EMC Solution Parts

SMD /Chip Inductors



BHC 1005

BW Part Number	Inductance (nH)	Q	Test Frequency (MHz)	Rated Current (mA) max	RDC (Ω) max	SRF (MHz) min
		min				
BHC1005-1N0K	1.0	8	100	300	0.09	10000
BHC1005-1N2K	1.2	8	100	300	0.09	10000
BHC1005-1N5K	1.5	8	100	300	0.12	6000
BHC1005-1N8K	1.8	8	100	300	0.12	6000
BHC1005-2N2K	2.2	8	100	300	0.14	6000
BHC1005-2N7K	2.7	8	100	300	0.14	6000
BHC1005-3N3K	3.3	8	100	300	0.16	6000
BHC1005-3N9K	3.9	8	100	300	0.19	4000
BHC1005-4N7K	4.7	8	100	300	0.21	4000
BHC1005-5N6K	5.6	8	100	300	0.23	4000
BHC1005-6N8K	6.8	8	100	300	0.25	3900
BHC1005-8N2K	8.2	8	100	300	0.28	3600
BHC1005-10NK	10	8	100	300	0.31	3200
BHC1005-12NK	12	8	100	300	0.40	2700
BHC1005-15NK	15	8	100	300	0.50	2300
BHC1005-18NK	18	8	100	300	0.55	2100
BHC1005-22NK	22	8	100	300	0.60	1900
BHC1005-27NK	27	8	100	300	0.70	1600
BHC1005-33NK	33	8	100	300	0.80	1300
BHC1005-39NK	39	8	100	200	1.00	1200
BHC1005-47NK	47	8	100	200	1.20	1000
BHC1005-56NK	56	8	100	200	1.30	750
BHC1005-68NK	68	8	100	180	2.00	750
BHC1005-82NK	82	8	100	150	2.20	600
BHC1005-R10K	100	8	100	150	2.50	600
BHC1005-R12K	120	8	100	150	2.70	600



BHC 1608

BW Part Number	Inductance (nH)	Q	Test Frequency (MHz)	Rated Current (mA) max	RDC (Ω) max	SRF (MHz) min
		min				
BHC1608-1N0K	1.0	8	100	300	0.05	10000
BHC1608-1N2K	1.2	8	100	300	0.05	10000
BHC1608-1N5K	1.5	8	100	300	0.10	6000
BHC1608-1N8K	1.8	8	100	300	0.10	6000
BHC1608-2N2K	2.2	8	100	300	0.10	6000
BHC1608-2N7K	2.7	10	100	300	0.10	6000
BHC1608-3N3K	3.3	10	100	300	0.12	6000
BHC1608-3N9K	3.9	10	100	300	0.14	6000
BHC1608-4N7K	4.7	10	100	300	0.16	4000
BHC1608-5N6K	5.6	10	100	300	0.18	4000
BHC1608-6N8K	6.8	10	100	300	0.22	4000
BHC1608-8N2K	8.2	10	100	300	0.24	3500
BHC1608-10NK	10	12	100	300	0.26	3400
BHC1608-12NK	12	12	100	300	0.28	2600
BHC1608-15NK	15	12	100	300	0.32	2300
BHC1608-18NK	18	12	100	300	0.35	2000
BHC1608-22NK	22	12	100	300	0.40	1600
BHC1608-27NK	27	12	100	300	0.45	1400
BHC1608-33NK	33	12	100	300	0.55	1200
BHC1608-39NK	39	12	100	300	0.60	1100
BHC1608-47NK	47	12	100	300	0.70	900
BHC1608-56NK	56	12	100	300	0.75	900
BHC1608-68NK	68	12	100	300	0.85	700
BHC1608-82NK	82	12	100	300	0.95	600
BHC1608-R10K	100	12	100	300	1.00	600
BHC1608-R12K	120	8	50	300	1.20	500
BHC1608-R15K	150	8	50	300	1.20	500
BHC1608-R18K	180	8	50	300	1.30	400

