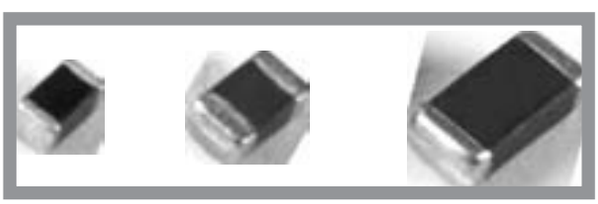
BFC series

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 realiability.
9. The products contain no lead and also support lead-free soldering.



APPLICATIONS

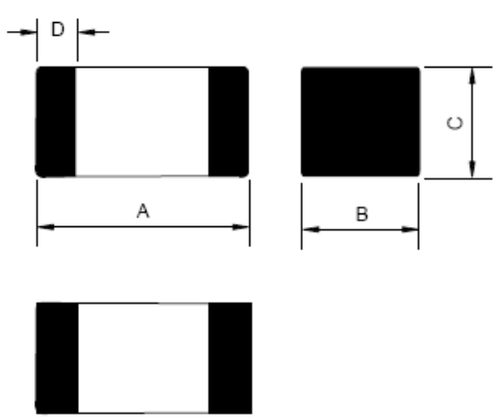
- Noise elimination for I/O lines of notebook PCs, digital TVs and VTRs, Printers, hard disk drives.

PARTNUMBER

BFC	1608	—	1R8	K	F	V
A	B		C	D	E	F

A : Series
B : Dimension — A x B
C: Inductance — 1R8=1.8uH
D : Inductance Tolerance — K=±10%, J=±5%, L=±15%, M=±20%
E : Lead Free Code
F : ID Code

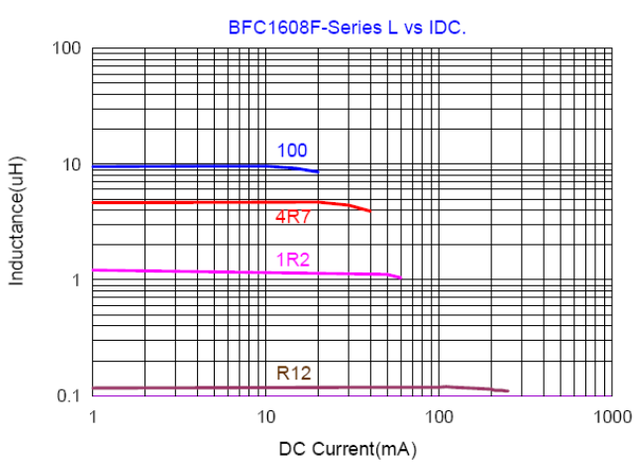
DIMENSIONS

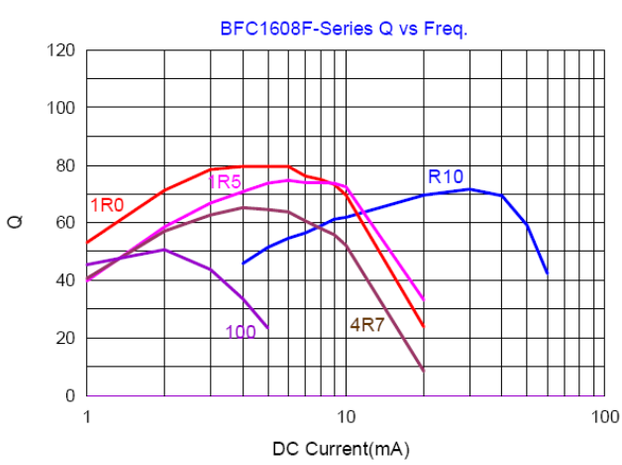


Size	A(mm)	B(mm)	C(mm)	D(mm)
1608	1.6±0.15	0.8±0.15	0.8±0.15	0.3±0.2
2012	2.0±0.2	1.25±0.2	0.85±0.2	0.5±0.3

BFC 1608

BW Part Number	Inductance (μH)	Q min	Test Frequency (MHz)	Rated Current (mA) max	RDC (Ω) max	SRF (MHz)min
BFC1608-47NK	0.047	10	50	50	0.30	260
BFC1608-68NK	0.068	10	50	50	0.30	250
BFC1608-82NK	0.082	10	50	50	0.30	245
BFC1608-R10K	0.10	15	25	50	0.50	240
BFC1608-R12K	0.12	15	25	50	0.50	205
BFC1608-R15K	0.15	15	25	50	0.60	180
BFC1608-R18K	0.18	15	25	50	0.60	165
BFC1608-R22K	0.22	15	25	50	0.80	150
BFC1608-R27K	0.27	15	25	50	0.80	136
BFC1608-R33K	0.33	15	25	35	0.85	125
BFC1608-R39K	0.39	15	25	35	1.00	110
BFC1608-R47K	0.47	15	25	35	1.35	105
BFC1608-R56K	0.56	15	25	35	1.55	95
BFC1608-R68K	0.68	15	25	35	1.70	80
BFC1608-R82K	0.82	15	25	35	2.10	75
BFC1608-1R0K	1.0	30	10	25	0.60	70
BFC1608-1R2K	1.2	30	10	25	0.80	60
BFC1608-1R5K	1.5	30	10	25	0.80	55
BFC1608-1R8K	1.8	30	10	25	0.95	50
BFC1608-2R2K	2.2	30	10	15	1.15	45
BFC1608-2R7K	2.7	30	10	15	1.35	40
BFC1608-3R3K	3.3	30	10	15	1.55	38
BFC1608-3R9K	3.9	30	10	15	1.70	36
BFC1608-4R7K	4.7	30	10	15	2.10	33
BFC1608-5R6K	5.6	30	4	15	1.55	22
BFC1608-6R8K	6.8	30	4	15	1.70	20
BFC1608-8R2K	8.2	30	4	15	2.10	18
BFC1608-100K	10.0	30	2	15	2.55	17





BFC 2012

BW Part Number	Inductance (μH)	Q min	Test Frequency (MHz)	Rated Current (mA) max	RDC (Ω) max	SRF (MHz) min
BFC2012-47NK	0.047	15	50	300	0.20	320
BFC2012-68NK	0.068	15	50	300	0.20	280
BFC2012-82NK	0.082	15	50	300	0.20	255
BFC2012-R10K	0.10	20	25	250	0.30	235
BFC2012-R12K	0.12	20	25	250	0.30	220
BFC2012-R15K	0.15	20	25	250	0.40	200
BFC2012-R18K	0.18	20	25	250	0.40	185
BFC2012-R22K	0.22	20	25	250	0.50	170
BFC2012-R27K	0.27	20	25	250	0.50	150
BFC2012-R33K	0.33	20	25	250	0.55	145
BFC2012-R39K	0.39	25	25	200	0.65	135
BFC2012-R47K	0.47	25	25	200	0.65	125
BFC2012-R56K	0.56	25	25	150	0.75	115
BFC2012-R68K	0.68	25	25	150	0.80	105
BFC2012-R82K	0.82	25	25	150	1.00	100
BFC2012-1R0K	1.0	45	10	50	0.40	75
BFC2012-1R2K	1.2	45	10	50	0.50	65
BFC2012-1R5K	1.5	45	10	50	0.50	60
BFC2012-1R8K	1.8	45	10	50	0.60	55
BFC2012-2R2K	2.2	45	10	30	0.65	50
BFC2012-2R7K	2.7	45	10	30	0.75	45
BFC2012-3R3K	3.3	45	10	30	0.80	41
BFC2012-3R9K	3.9	45	10	30	0.90	38
BFC2012-4R7K	4.7	45	10	30	1.00	35
BFC2012-5R6K	5.6	45	4	15	0.90	32
BFC2012-6R8K	6.8	45	4	15	1.00	29
BFC2012-8R2K	8.2	45	4	15	1.10	26
BFC2012-100K	10.0	45	2	15	1.15	24