



T Y P E F C B

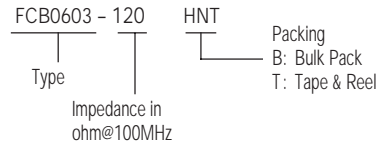
FEATURES

- High impedance for volume.
- Excellent for suppressing noise at high frequencies, from several MHz to several hundreds of MHz.
- The chip bead type is best suited for preventing the abnormal oscillation of high frequency amplifying circuits.
- Nickel barrier provides excellent solder heat resistance both flow soldering and reflow soldering are applicable.

APPLICATIONS

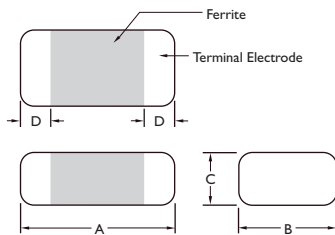
- Computers and peripherals.
- TVS, VCRS.
- Car — electronic equipment.
- Tuners, etc.

ORDERING INFORMATION



DIMENSIONS

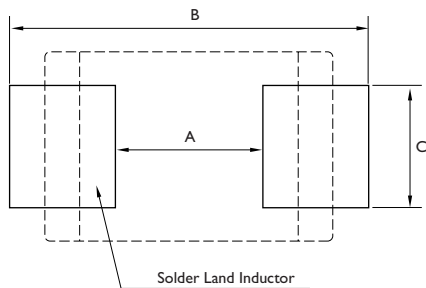
Dimensions : mm



TYPE	A	B	C	D
FCB 0402	1.0 ± 0.15	1.50 ± 0.15	0.5 ± 0.15	0.25 ± 0.15
FCB 0608	1.6 ± 0.20	0.80 ± 0.15	0.8 ± 0.15	0.4 ± 0.2
FCB 0805	2.0 ± 0.20	1.25 ± 0.20	0.9 ± 0.20	0.5 ± 0.3
FCB 1206	3.2 ± 0.20	1.60 ± 0.20	1.1 ± 0.20	0.5 ± 0.3
FCB 1210	3.2 ± 0.20	2.50 ± 0.20	1.3 ± 0.20	0.5 ± 0.3
FCB 1806	4.5 ± 0.25	1.60 ± 0.20	1.6 ± 0.20	0.5 ± 0.3
FCB 1812	4.5 ± 0.25	3.20 ± 0.20	1.5 ± 0.20	0.5 ± 0.3

RECOMMENDED PATTERN

Dimensions : mm



TYPE	A	B	C
FCB 0402	0.4	1.2 ~ 1.4	0.4
FCB 0603	0.8	2.4 ~ 3.4	0.6
FCB 080	1.2	3.0 ~ 4.0	1.0
FCB 1206	2.0	4.2 ~ 5.2	1.2
FCB 1210	2.0	5.5 ~ 6.5	1.8
FCB 1806	3.0	5.5 ~ 6.5	1.2
FCB 1812	3.0	5.5 ~ 6.5	2.4

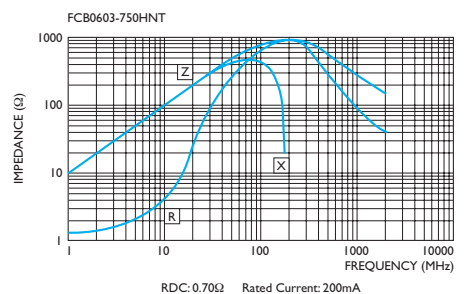
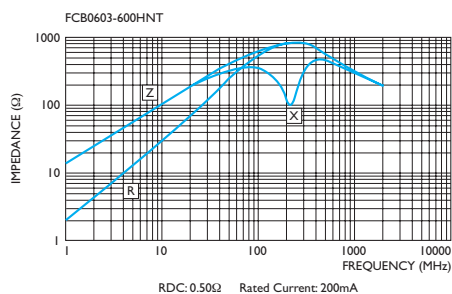
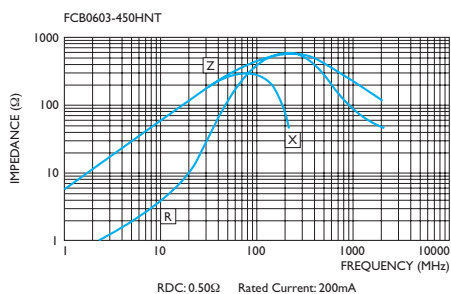
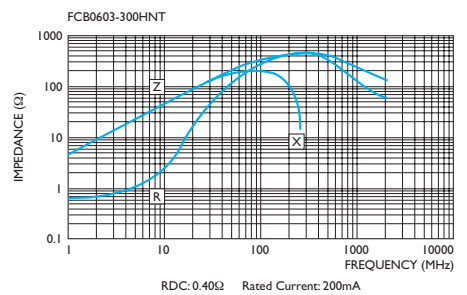
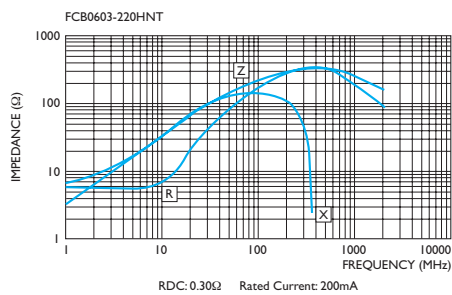
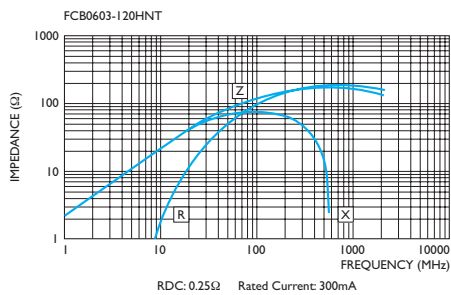
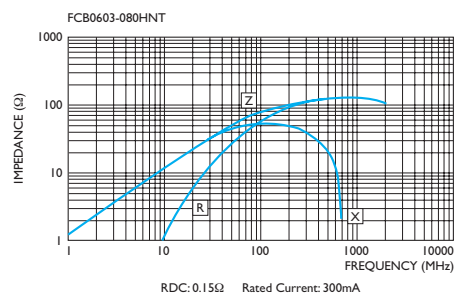
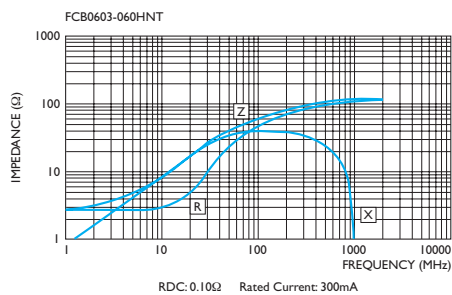
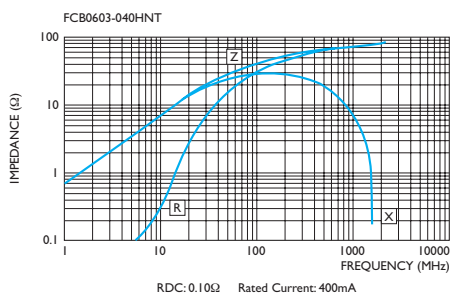
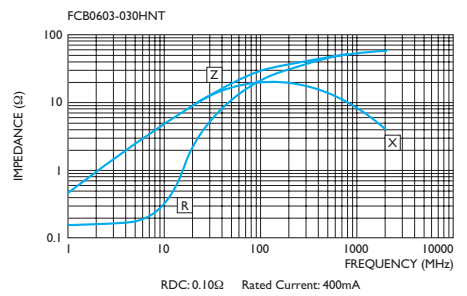
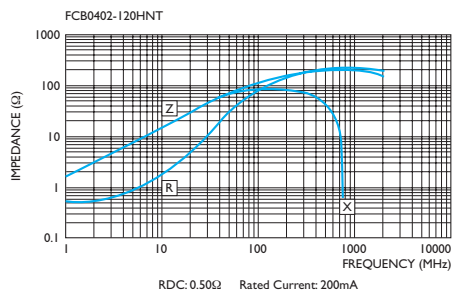
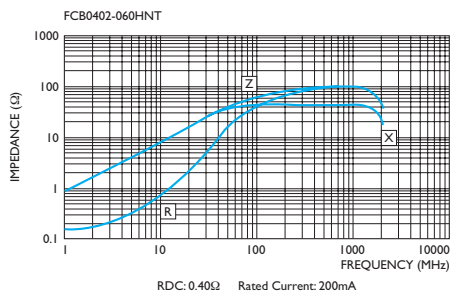
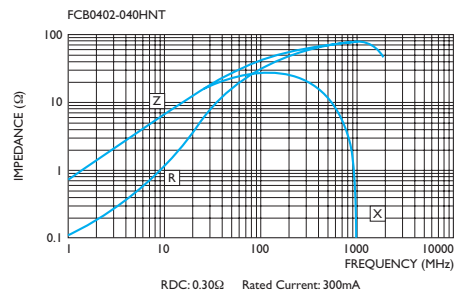
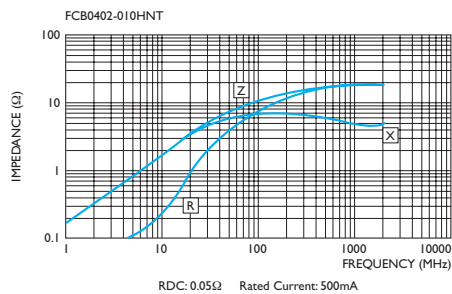
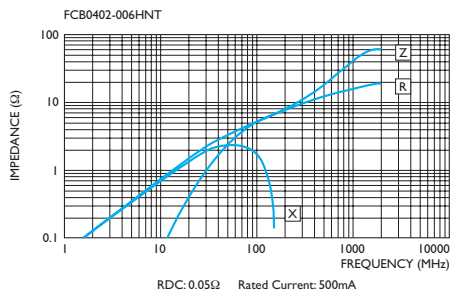
## ELECTRICAL CHARACTERISTICS

PART NO.	IMPEDANCE at 100MHz ( $\Omega \pm 25\%$ )	DC RESISTANCE ( $\Omega$ ) Max.	RATED CURRENT (mA) Max.	PART NO.	IMPEDANCE at 100MHz ( $\Omega \pm 25\%$ )	DC RESISTANCE ( $\Omega$ ) Max.	RATED CURRENT (mA) Max.
FCB0402-006HNT	6	0.05	500	FCB1206-019HNT	19	0.05	600
FCB0402-010HNT	10	0.05	500	FCB1206-026HNT	26	0.05	600
FCB0402-040HNT	40	0.30	300	FCB1206-032HNT	32	0.05	600
FCB0402-080HNT	80	0.40	200	FCB1206-050HNT	50	0.10	500
FCB0402-120HNT	120	0.50	200	FCB1206-060HNT	60	0.10	500
FCB0402-240HNT	240	0.50	200	FCB1206-070HNT	70	0.10	500
FCB0402-480HNT	480	0.80	100	FCB1206-090HNT	90	0.15	500
FCB0402-600HNT	600	1.00	100	FCB1206-120HNT	120	0.15	500
FCB0603-011HNT	11	0.05	500	FCB1206-150HNT	150	0.15	500
FCB0603-019HNT	19	0.08	500	FCB1206-200HNT	200	0.20	400
FCB0603-030HNT	30	0.10	400	FCB1206-400HNT	400	0.20	400
FCB0603-040HNT	40	0.10	400	FCB1206-500HNT	500	0.20	400
FCB0603-060HNT	60	0.10	300	FCB1206-600HNT	600	0.30	400
FCB0603-080HNT	80	0.15	300	FCB1206-1000HNT	1000 *	0.40	200
FCB0603-120HNT	120	0.25	300	FCB1206-1200HNT	1200 *	0.40	200
FCB0603-220HNT	220	0.30	200	FCB1206-1500HNT	1500 *	0.45	200
FCB0603-300HNT	300	0.40	200	FCB1206-2000HNT	2000 **	0.60	200
FCB0603-450HNT	450	0.50	200	FCB1210-032HNT	32	0.20	500
FCB0603-600HNT	600	0.50	200	FCB1210-060HNT	60	0.20	500
FCB0603-750HNT	750	0.70	200	FCB1210-090HNT	90	0.20	500
FCB0603-1000HNT	1000	0.70	200	FCB1806-050HNT	50	0.20	600
FCB0603-1500HNT	1500	1.00	50	FCB0806-060HNT	60	0.20	600
FCB0603-2200HNT	2200	1.20	50	FCB1806-080HNT	80	0.20	600
FCB0805-007HNT	7	0.10	600	FCB1806-100HNT	100	0.30	500
FCB0805-009HNT	9	0.10	600	FCB1806-150HNT	150	0.30	500
FCB0805-011HNT	11	0.10	600	FCB1806-170HNT	170	0.30	500
FCB0805-017HNT	17	0.10	600	FCB1812-070HNT	70	0.30	500
FCB0805-032HNT	32	0.10	600	FCB1812-120HNT	120	0.30	500
FCB0805-060HNT	60	0.15	500				
FCB0805-070HNT	70	0.15	500				
FCB0805-080HNT	80	0.15	500				
FCB0805-120HNT	120	0.25	300				
FCB0805-150HNT	150	0.25	300				
FCB0805-220HNT	220	0.30	300				
FCB0805-300HNT	300	0.30	300				
FCB0805-400HNT	400	0.30	300				
FCB0805-500HNT	500	0.40	300				
FCB0805-600HNT	600	0.40	300				
FCB0805-750HNT	750	0.50	200				
FCB0805-1000HNT	1000	0.50	200				
FCB0805-1500HNT	1500	0.60	200				
FCB0805-2000HNT	2000	0.80	100				
FCB0805-2200HNT	2200	1.00	100				

NOTE: \* at 50MHz      \*\* at 30MHz

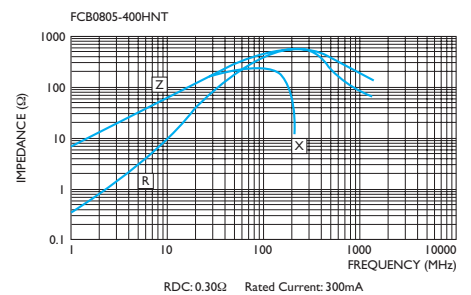
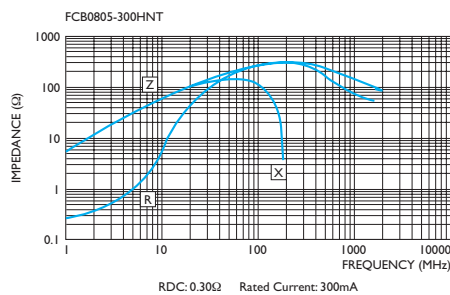
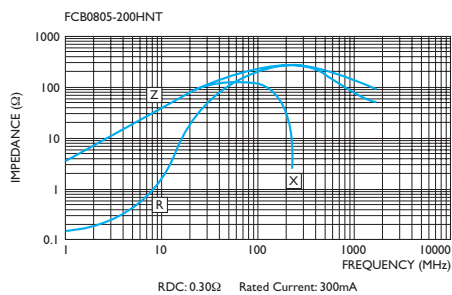
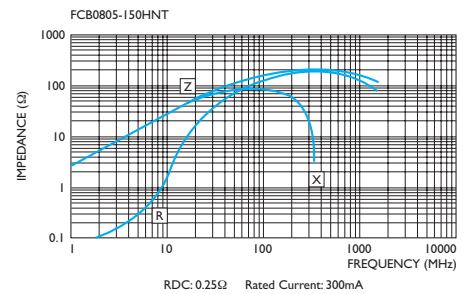
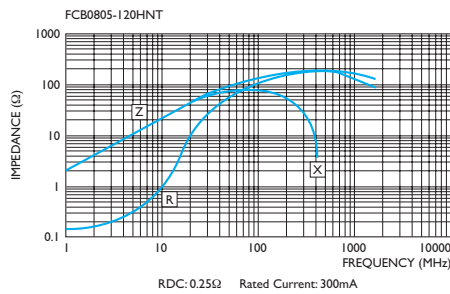
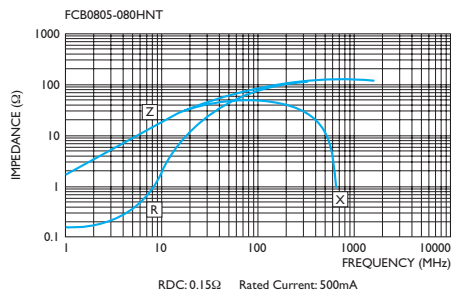
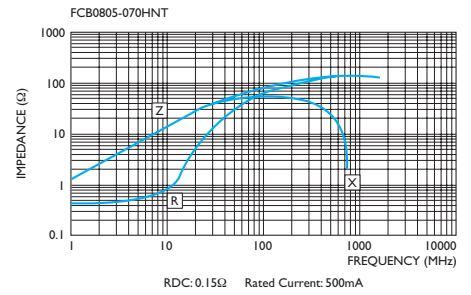
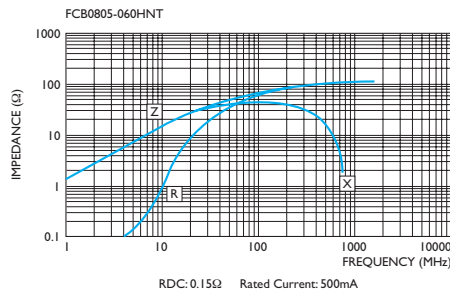
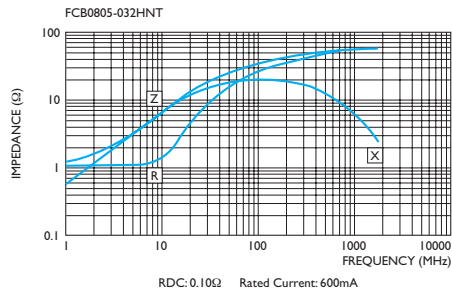
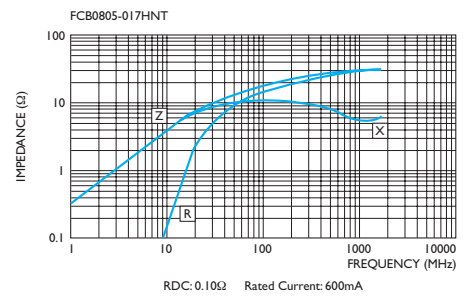
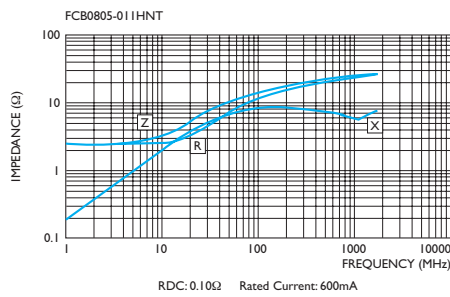
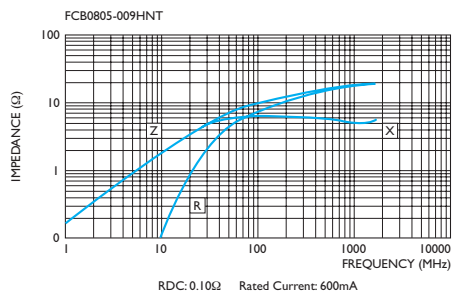
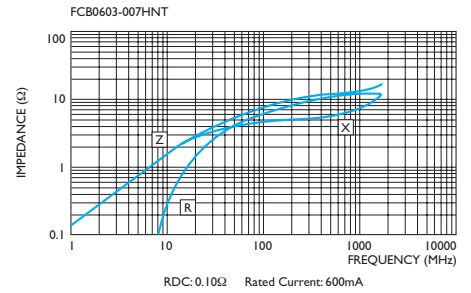
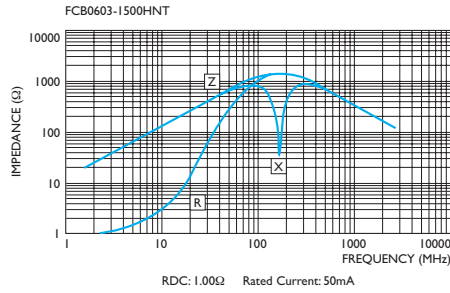
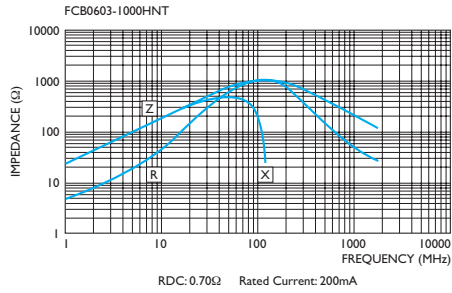
# TYPICAL ELECTRICAL CHARACTERISTICS

Test Instruments : HP4291A Impedance / Material Analyzer



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