



T Y P E F C B

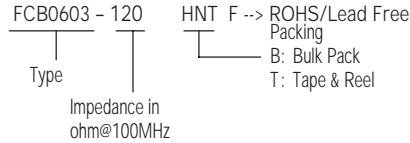
FEATURES

- 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

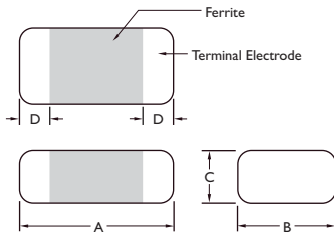
- Computers and peripherals.
- TVS, VCRS.
- Car — electronic equipment.
- Tuners, etc.

ORDERING INFORMATION



DIMENSIONS

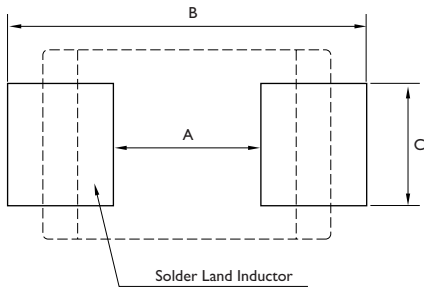
Dimensions : mm



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 0805	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

SMEC Part Number	Size	Test Frequency (MHz)	Impedance ($\Omega \pm 25\%$)	DC Resistance (Ω) max.	Rated Current (mA) max.	Reel Qty
FCB0402-006HNTF	0402	100	6	0.05	500	10000
FCB0402-010HNTF	0402	100	10	0.05	500	10000
FCB0402-030HNTF	0402	100	30	0.30	300	10000
FCB0402-033HNTF	0402	100	33	0.30	300	10000
FCB0402-040HNTF	0402	100	40	0.30	300	10000
FCB0402-047HNTF	0402	100	47	0.40	300	10000
FCB0402-060HNTF	0402	100	60	0.40	300	10000
FCB0402-070HNTF	0402	100	70	0.40	300	10000
FCB0402-075HNTF	0402	100	75	0.40	300	10000
FCB0402-080HNTF	0402	100	80	0.40	300	10000
FCB0402-090HNTF	0402	100	90	0.50	300	10000
FCB0402-100HNTF	0402	100	100	0.50	300	10000
FCB0402-120HNTF	0402	100	120	0.50	300	10000
FCB0402-150HNTF	0402	100	150	0.50	300	10000
FCB0402-220HNTF	0402	100	220	0.50	300	10000
FCB0402-240HNTF	0402	100	240	0.50	300	10000
FCB0402-300HNTF	0402	100	300	0.80	300	10000
FCB0402-330HNTF	0402	100	330	0.80	300	10000
FCB0402-480HNTF	0402	100	480	0.80	300	10000
FCB0402-600HNTF	0402	100	600	1.00	300	10000
FCB0402-1000HNTF	0402	100	1000	1.50	100	10000
FCB0402-1500HNTF	0402	100	1500	2.00	60	10000
FCB0603-006HNTF	0603	100	6	0.05	500	4000
FCB0603-007HNTF	0603	100	7	0.05	500	4000
FCB0603-010HNTF	0603	100	10	0.05	500	4000
FCB0603-011HNTF	0603	100	11	0.05	500	4000
FCB0603-015HNTF	0603	100	15	0.08	500	4000
FCB0603-017HNTF	0603	100	17	0.08	500	4000
FCB0603-019HNTF	0603	100	19	0.08	500	4000
FCB0603-020HNTF	0603	100	20	0.10	400	4000
FCB0603-022HNTF	0603	100	22	0.10	400	4000
FCB0603-025HNTF	0603	100	25	0.10	400	4000
FCB0603-026HNTF	0603	100	26	0.10	400	4000
FCB0603-030HNTF	0603	100	30	0.10	400	4000
FCB0603-031HNTF	0603	100	31	0.10	400	4000
FCB0603-032HNTF	0603	100	32	0.10	400	4000
FCB0603-033HNTF	0603	100	33	0.10	400	4000
FCB0603-040HNTF	0603	100	40	0.10	400	4000
FCB0603-047HNTF	0603	100	47	0.10	400	4000
FCB0603-050HNTF	0603	100	50	0.10	400	4000
FCB0603-052HNTF	0603	100	52	0.10	400	4000
FCB0603-055HNTF	0603	100	55	0.10	400	4000
FCB0603-056HNTF	0603	100	56	0.10	400	4000
FCB0603-060HNTF	0603	100	60	0.10	400	4000
FCB0603-068HNTF	0603	100	68	0.15	400	4000
FCB0603-070HNTF	0603	100	70	0.15	400	4000
FCB0603-075HNTF	0603	100	75	0.15	400	4000
FCB0603-080HNTF	0603	100	80	0.15	400	4000

ELECTRICAL CHARACTERISTICS

SMEC Part Number	Size	Test Frequency (MHz)	Impedance ($\Omega \pm 25\%$)	DC Resistance (Ω) max.	Rated Current (mA) max.	Reel Qty
FCB0603-090HNTF	0603	100	90	0.20	400	4000
FCB0603-100HNTF	0603	100	100	0.20	400	4000
FCB0603-120HNTF	0603	100	120	0.25	400	4000
FCB0603-140HNTF	0603	100	140	0.25	200	4000
FCB0603-150HNTF	0603	100	150	0.30	200	4000
FCB0603-180HNTF	0603	100	180	0.30	200	4000
FCB0603-200HNTF	0603	100	200	0.30	200	4000
FCB0603-220HNTF	0603	100	220	0.30	200	4000
FCB0603-240HNTF	0603	100	240	0.40	200	4000
FCB0603-300HNTF	0603	100	300	0.40	200	4000
FCB0603-330HNTF	0603	100	330	0.50	200	4000
FCB0603-400HNTF	0603	100	400	0.50	200	4000
FCB0603-420HNTF	0603	100	420	0.50	200	4000
FCB0603-450HNTF	0603	100	450	0.50	200	4000
FCB0603-470HNTF	0603	100	470	0.50	200	4000
FCB0603-500HNTF	0603	100	500	0.50	200	4000
FCB0603-600HNTF	0603	100	600	0.50	200	4000
FCB0603-750HNTF	0603	100	750	0.70	200	4000
FCB0603-800HNTF	0603	100	800	0.70	200	4000
FCB0603-1000HNTF	0603	100	1000	0.70	200	4000
FCB0603-1200HNTF	0603	100	1200	1.00	50	4000
FCB0603-1500HNTF	0603	100	1500	1.00	50	4000
FCB0603-1700HNTF	0603	100	1700	1.20	50	4000
FCB0603-2000HNTF	0603	100	2000	1.20	50	4000
FCB0603-2200HNTF	0603	100	2200	1.20	50	4000
FCB0603-2500HNTF	0603	100	2500	1.30	50	4000
FCB0603-2700HNTF	0603	100	2700	1.30	50	4000
FCB0805-005HNTF	0805	100	5	0.10	600	4000
FCB0805-007HNTF	0805	100	7	0.10	600	4000
FCB0805-009HNTF	0805	100	9	0.10	600	4000
FCB0805-010HNTF	0805	100	10	0.10	600	4000
FCB0805-011HNTF	0805	100	11	0.10	600	4000
FCB0805-012HNTF	0805	100	12	0.10	600	4000
FCB0805-015HNTF	0805	100	15	0.10	600	4000
FCB0805-017HNTF	0805	100	17	0.10	600	4000
FCB0805-019HNTF	0805	100	19	0.10	600	4000
FCB0805-022HNTF	0805	100	22	0.10	600	4000
FCB0805-026HNTF	0805	100	26	0.10	600	4000
FCB0805-028HNTF	0805	100	28	0.10	600	4000
FCB0805-030HNTF	0805	100	30	0.10	600	4000
FCB0805-031HNTF	0805	100	31	0.10	600	4000
FCB0805-032HNTF	0805	100	32	0.10	600	4000
FCB0805-033HNTF	0805	100	33	0.10	500	4000
FCB0805-039HNTF	0805	100	39	0.10	500	4000
FCB0805-040HNTF	0805	100	40	0.10	500	4000
FCB0805-042HNTF	0805	100	42	0.10	500	4000
FCB0805-047HNTF	0805	100	47	0.10	500	4000
FCB0805-050HNTF	0805	100	50	0.10	500	4000

ELECTRICAL CHARACTERISTICS

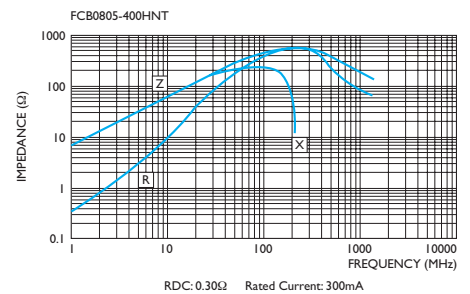
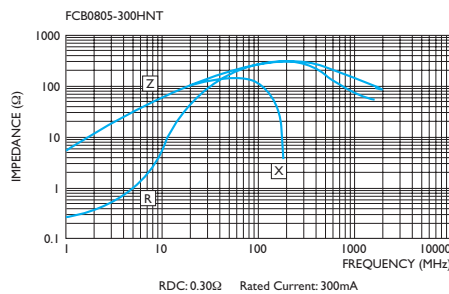
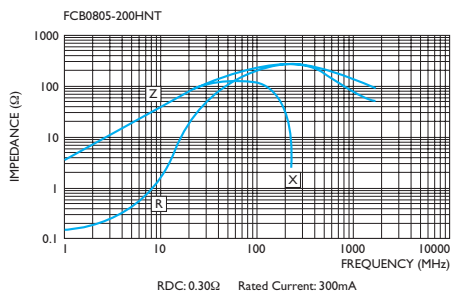
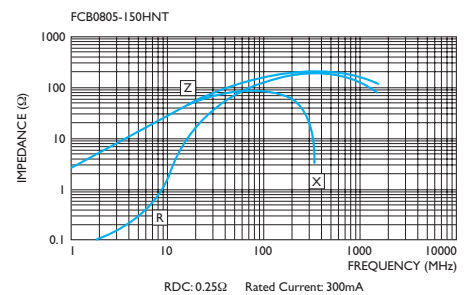
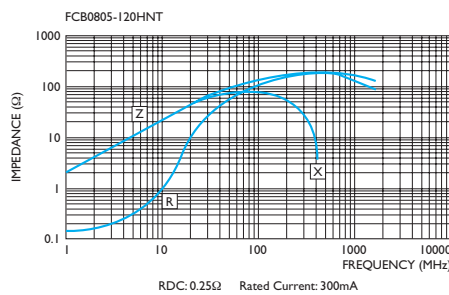
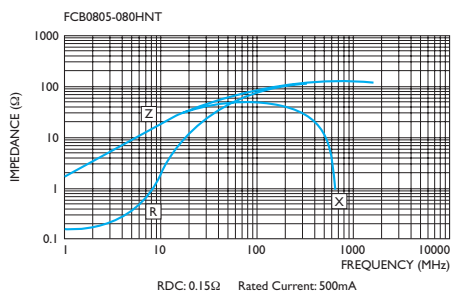
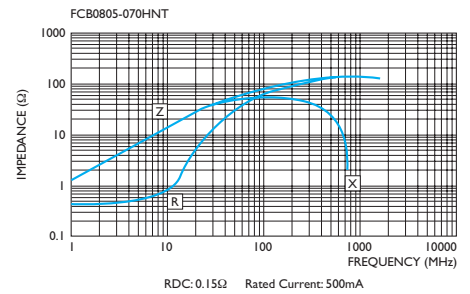
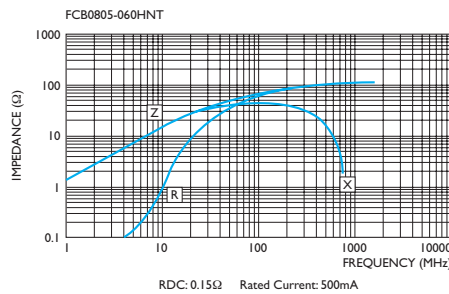
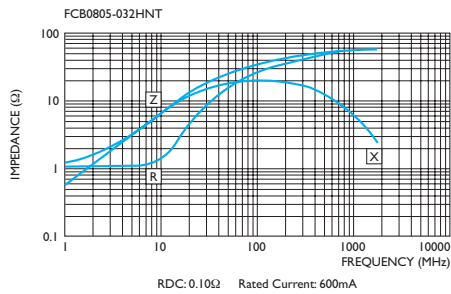
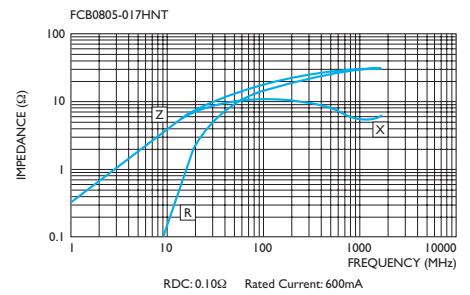
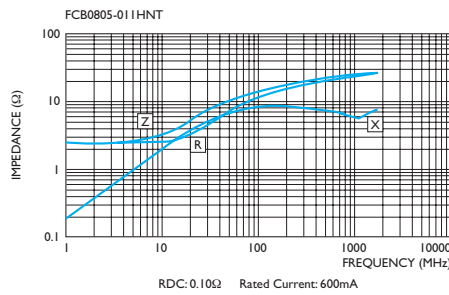
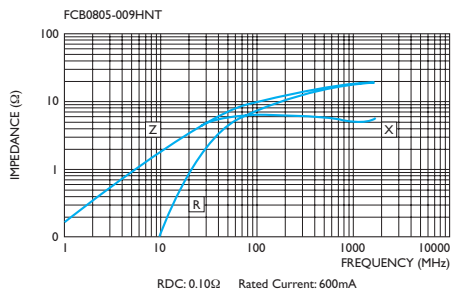
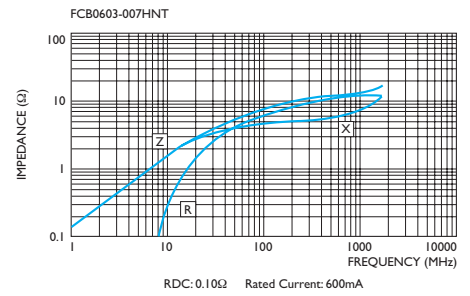
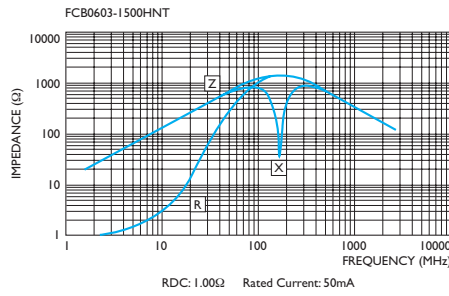
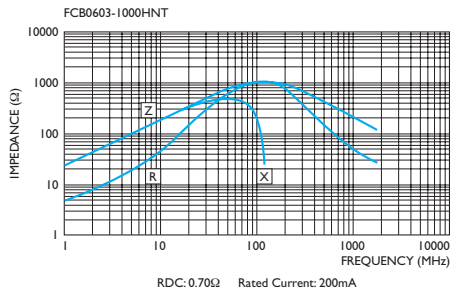
SMEC Part Number	Size	Test Frequency (MHz)	Impedance ($\Omega \pm 25\%$)	DC Resistance (Ω) max.	Rated Current (mA) max.	Reel Qty
FCB0805-052HNTF	0805	100	52	0.15	500	4000
FCB0805-056HNTF	0805	100	56	0.15	500	4000
FCB0805-060HNTF	0805	100	60	0.15	500	4000
FCB0805-070HNTF	0805	100	70	0.15	500	4000
FCB0805-075HNTF	0805	100	75	0.15	500	4000
FCB0805-080HNTF	0805	100	80	0.15	500	4000
FCB0805-090HNTF	0805	100	90	0.15	500	4000
FCB0805-095HNTF	0805	100	95	0.15	500	4000
FCB0805-100HNTF	0805	100	100	0.25	300	4000
FCB0805-120HNTF	0805	100	120	0.25	300	4000
FCB0805-150HNTF	0805	100	150	0.25	300	4000
FCB0805-180HNTF	0805	100	180	0.30	300	4000
FCB0805-200HNTF	0805	100	200	0.30	300	4000
FCB0805-220HNTF	0805	100	220	0.30	300	4000
FCB0805-240HNTF	0805	100	240	0.30	300	4000
FCB0805-300HNTF	0805	100	300	0.30	300	4000
FCB0805-330HNTF	0805	100	330	0.30	300	4000
FCB0805-400HNTF	0805	100	400	0.30	300	4000
FCB0805-420HNTF	0805	100	420	0.30	300	4000
FCB0805-430HNTF	0805	100	430	0.40	300	4000
FCB0805-450HNTF	0805	100	450	0.40	300	4000
FCB0805-470HNTF	0805	100	470	0.40	300	4000
FCB0805-500HNTF	0805	100	500	0.40	300	4000
FCB0805-600HNTF	0805	100	600	0.40	300	4000
FCB0805-680HNTF	0805	100	680	0.40	300	4000
FCB0805-750HNTF	0805	100	750	0.50	200	4000
FCB0805-1000HNTF	0805	100	1000	0.50	200	4000
FCB0805-1200HNTF	0805	100	1200	0.60	200	4000
FCB0805-1500HNTF	0805	100	1500	0.60	200	4000
FCB0805-2000HNTF	0805	100	2000	0.70	200	4000
FCB0805-2200HNTF	0805	100	2200	0.70	200	4000
FCB0805-2500HNTF	0805	100	2500	0.70	200	4000
FCB0805-2700HNTF	0805	100	2700	0.70	200	4000
FCB1206-008HNTF	1206	100	8	0.05	600	3000
FCB1206-009HNTF	1206	100	9	0.05	600	3000
FCB1206-011HNTF	1206	100	11	0.05	600	3000
FCB1206-017HNTF	1206	100	17	0.05	600	3000
FCB1206-019HNTF	1206	100	19	0.05	600	3000
FCB1206-022HNTF	1206	100	22	0.05	600	3000
FCB1206-024HNTF	1206	100	24	0.05	600	3000
FCB1206-025HNTF	1206	100	25	0.05	600	3000
FCB1206-026HNTF	1206	100	26	0.05	600	3000
FCB1206-030HNTF	1206	100	30	0.05	600	3000
FCB1206-031HNTF	1206	100	31	0.05	600	3000
FCB1206-032HNTF	1206	100	32	0.05	600	3000
FCB1206-033HNTF	1206	100	33	0.05	600	3000
FCB1206-035HNTF	1206	100	35	0.10	500	3000
FCB1206-047HNTF	1206	100	47	0.10	500	3000

ELECTRICAL CHARACTERISTICS

SMEC Part Number	Size	Test Frequency (MHz)	Impedance ($\Omega \pm 25\%$)	DC Resistance (Ω) max.	Rated Current (mA) max.	Reel Qty
FCB1206-050HNTF	1206	100	50	0.10	500	3000
FCB1206-052HNTF	1206	100	52	0.10	500	3000
FCB1206-060HNTF	1206	100	60	0.10	500	3000
FCB1206-070HNTF	1206	100	70	0.10	500	3000
FCB1206-075HNTF	1206	100	75	0.15	500	3000
FCB1206-080HNTF	1206	100	80	0.15	500	3000
FCB1206-090HNTF	1206	100	90	0.15	500	3000
FCB1206-100HNTF	1206	100	100	0.15	500	3000
FCB1206-120HNTF	1206	100	120	0.15	500	3000
FCB1206-150HNTF	1206	100	150	0.15	500	3000
FCB1206-180HNTF	1206	100	180	0.20	400	3000
FCB1206-200HNTF	1206	100	200	0.20	400	3000
FCB1206-220HNTF	1206	100	220	0.20	400	3000
FCB1206-240HNTF	1206	100	240	0.20	400	3000
FCB1206-300HNTF	1206	100	300	0.20	400	3000
FCB1206-400HNTF	1206	100	400	0.20	400	3000
FCB1206-470HNTF	1206	100	470	0.20	400	3000
FCB1206-500HNTF	1206	100	500	0.20	400	3000
FCB1206-600HNTF	1206	100	600	0.30	400	3000
FCB1206-700HNTF	1206	100	700	0.40	200	3000
FCB1206-1000HNTF	1206	50	1000	0.40	200	3000
FCB1206-1200HNTF	1206	50	1200	0.40	200	3000
FCB1206-1500HNTF	1206	50	1500	0.45	200	3000
FCB1206-2000HNTF	1206	30	2000	0.60	200	3000
FCB1206-2700HNTF	1206	30	2700	0.60	200	3000
FCB1210-032HNTF	1210	100	32	0.20	500	2500
FCB1210-060HNTF	1210	100	60	0.20	500	2500
FCB1210-090HNTF	1210	100	90	0.20	500	2500
FCB1210-120HNTF	1210	100	120	0.20	500	2500
FCB1806-033HNTF	1806	100	33	0.20	600	2000
FCB1806-050HNTF	1806	100	50	0.20	600	2000
FCB1806-060HNTF	1806	100	60	0.20	600	2000
FCB1806-080HNTF	1806	100	80	0.20	600	2000
FCB1806-085HNTF	1806	100	85	0.20	600	2000
FCB1806-090HNTF	1806	100	90	0.30	500	2000
FCB1806-100HNTF	1806	100	100	0.30	500	2000
FCB1806-150HNTF	1806	100	150	0.30	500	2000
FCB1806-170HNTF	1806	100	170	0.30	500	2000
FCB1812-070HNTF	1812	100	70	0.30	500	1000
FCB1812-120HNTF	1812	100	120	0.30	500	1000

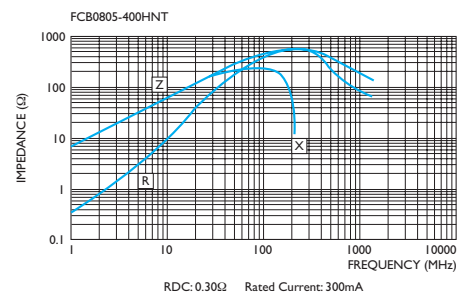
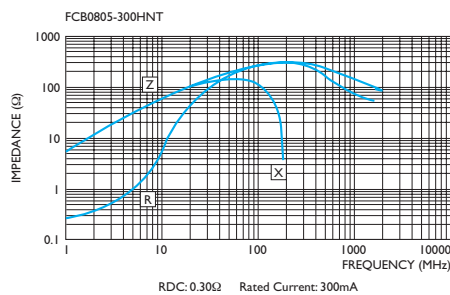
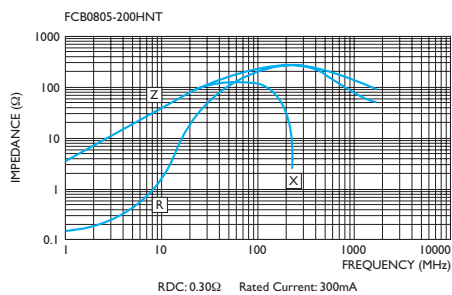
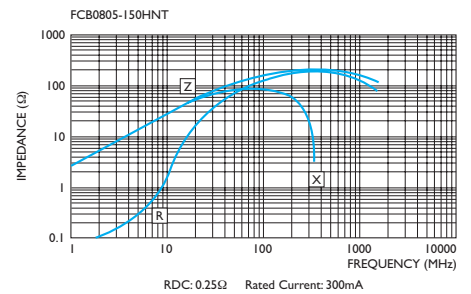
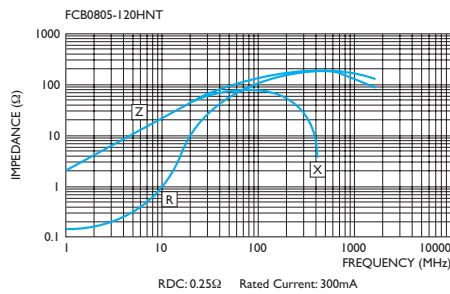
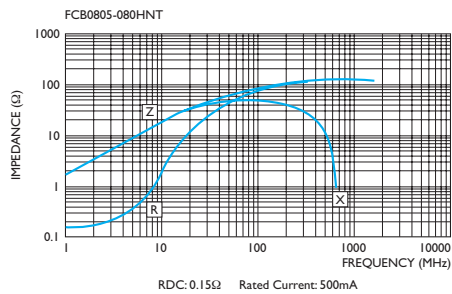
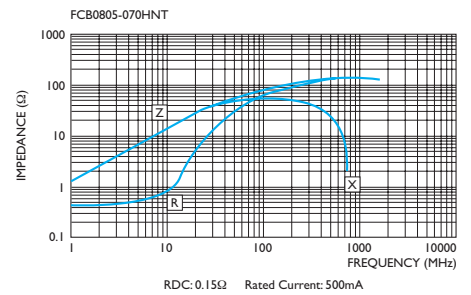
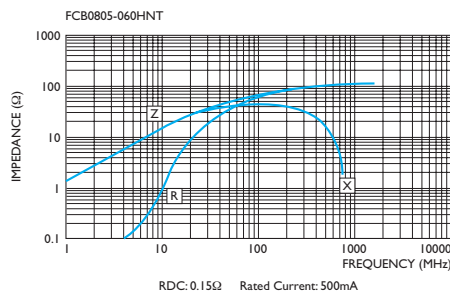
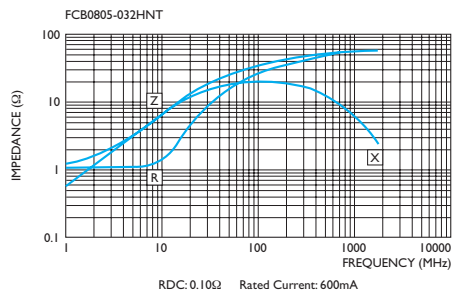
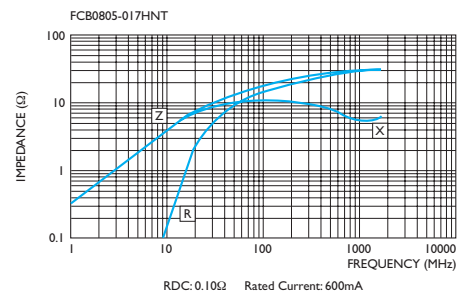
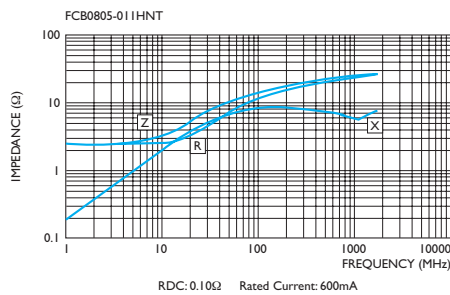
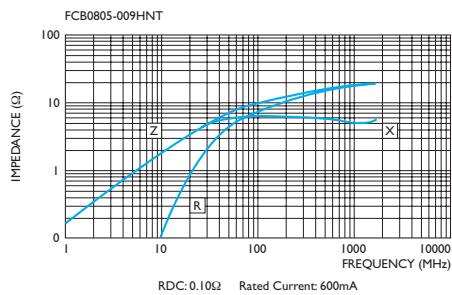
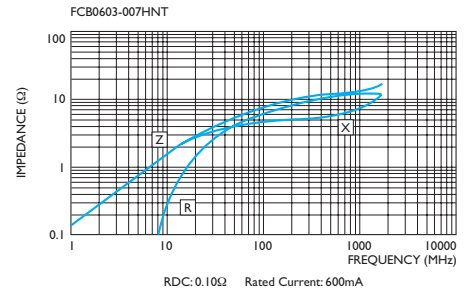
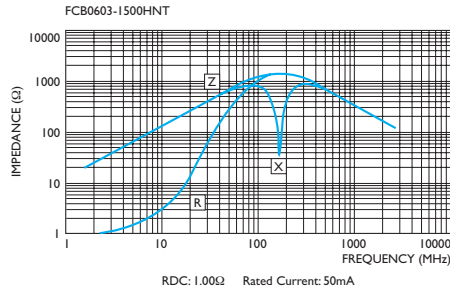
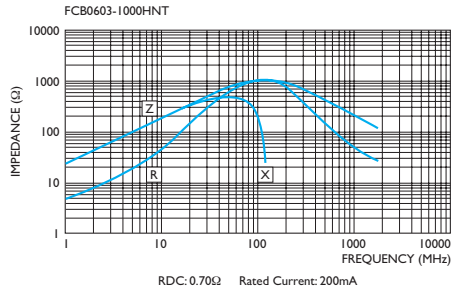
TYPICAL ELECTRICAL CHARACTERISTICS

Test Instruments : HP4291A Impedance / Material Analyzer



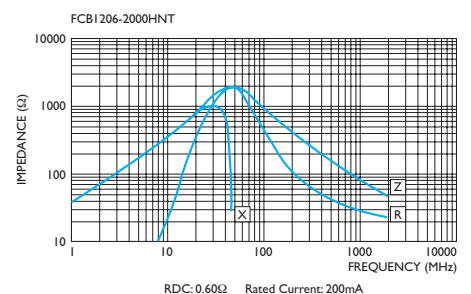
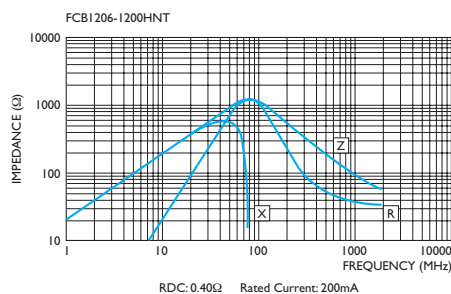
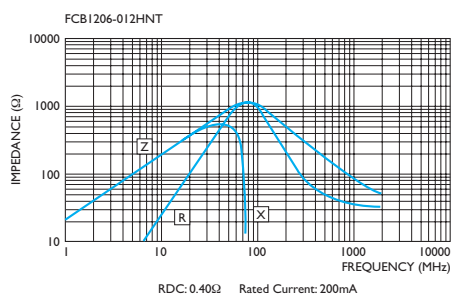
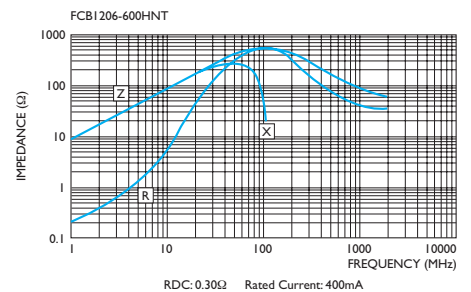
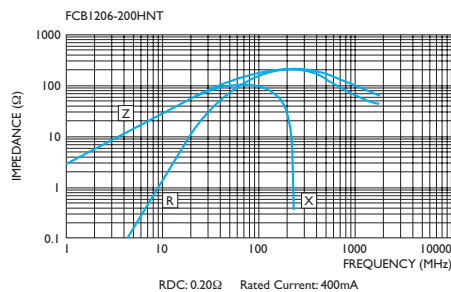
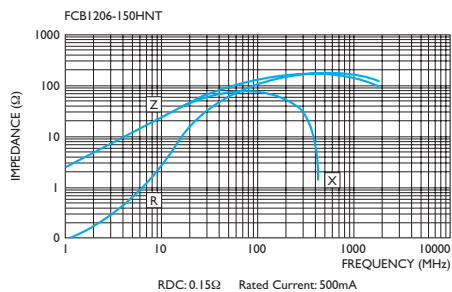
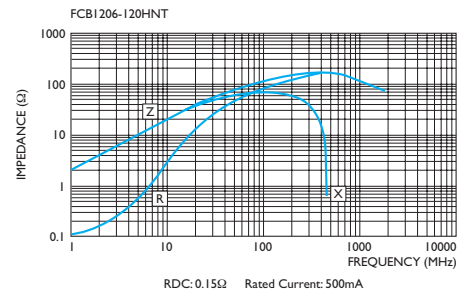
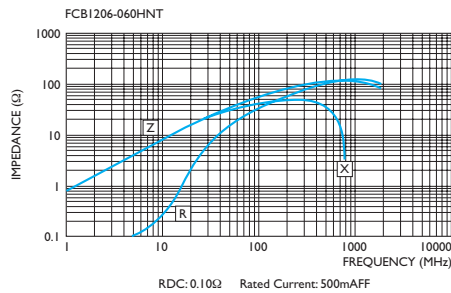
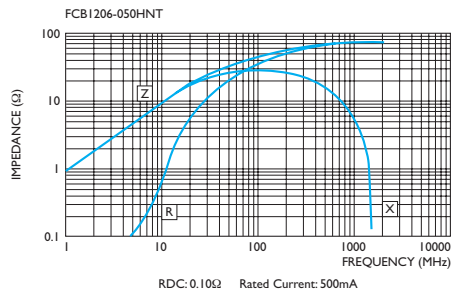
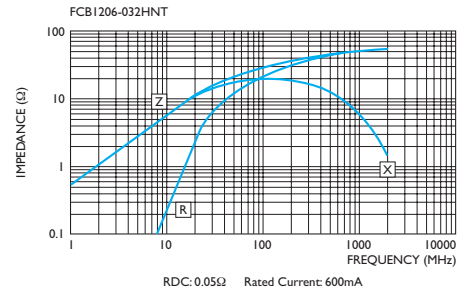
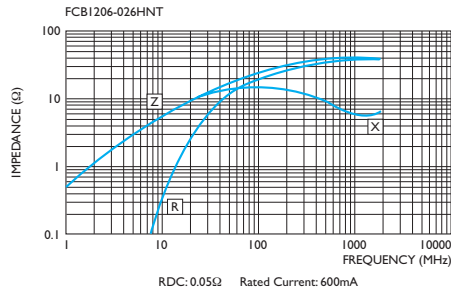
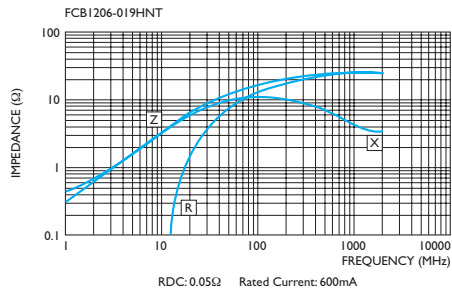
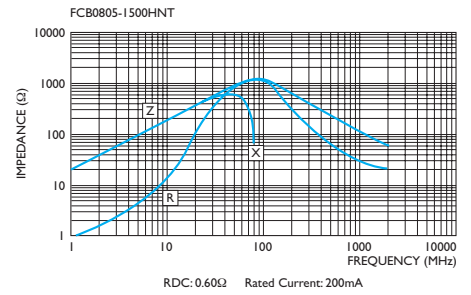
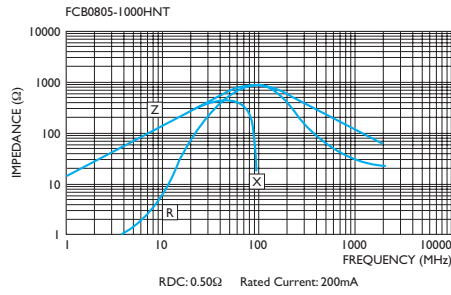
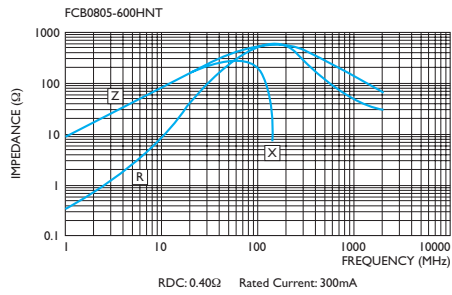
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