

CB Series Specification

1 Scope: This specification applies to MULTILAYER CHIP FERRITE BEADS

2 Shape And Dimensions



Type	Dimensions in mm			
	L	W	T	a ₁ , a ₂
CB1005	1.0±0.15	0.5±0.15	0.5±0.15	0.25±0.15
CB1608	1.60±0.15	0.80±0.15	0.80±0.15	0.30±0.20
CB2012	2.00±0.20	1.20±0.20	0.85±0.15	0.40±0.20
CB3216	3.20±0.20	1.60±0.20	0.85±0.15	0.50±0.30

3 Part Numbering: Product Identification

CB 2012 - 601 T (f)
 ① ② ③ ④ ⑤

- (1) Product symbol 系列代号:
- (2) Dimensions 尺寸: Length 长 (L) × Width 宽 (W)
- (3) Impedance 阻抗: 000: ≤10Ω; 100: 10Ω 601: 600Ω; 222: 2200Ω
- (4) Packing style 包装方式: B: Bulk 散装; T: Tape and reel 载带盘装
- (5) Leadfree products 无铅产品: 据客户要求

4 Test Equipment

- HP4287A PACKED RF LCR METER;
- HP4338B MILLIOHM METER;
- CHEN HUA 502BC OHM METER;
- E4991A RF IMPEDAN CANALYZER.

5 Rating

Operating Temperature (使用温度): -40°C~+125°C
 Storage Temperature (储存温度): 40°C max. 70% RH max.

6 Test Data For Preproduction Samples

通用型铁氧体叠层片式磁珠电性能

CB1005 型				
产品型号	阻抗 (Ω) ±25%	阻抗测试频率 (MHz)	直流电阻 (Ω) max	额定电流 (mA)
CB1005-060	6	100	0.05	500
CB1005-110	11	100	0.05	500
CB1005-150	15	100	0.05	500
CB1005-220	22	100	0.10	300
CB1005-300	30	100	0.20	300
CB1005-470	47	100	0.30	300
CB1005-600	60	100	0.30	200
CB1005-800	80	100	0.35	200
CB1005-101	100	100	0.45	150
CB1005-151	150	100	0.50	150
CB1005-221	220	100	0.65	120
CB1005-301	300	100	0.70	100
CB1005-471	470	100	1.00	100
CB1005-501	500	100	1.20	100
CB1005-601	600	100	1.20	100
CB1005-801	800	100	1.50	50
CB1005-102	1000	100	1.60	50

CB1608 型				
产品型号	阻抗 (Ω) ±25%	阻抗测试频率 (MHz)	直流电阻 (Ω) max	额定电流 (mA)
CB1608-000	<10	100	0.05	1500
CB1608-100	10	100	0.05	1500
CB1608-190	19	100	0.05	1500
CB1608-310	31	100	0.06	1000
CB1608-600	60	100	0.10	500
CB1608-700	70	100	0.15	400
CB1608-121	120	100	0.20	300
CB1608-151	150	100	0.30	300

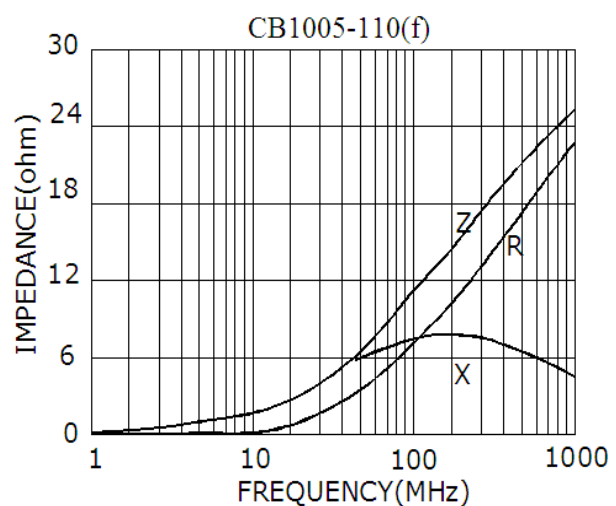
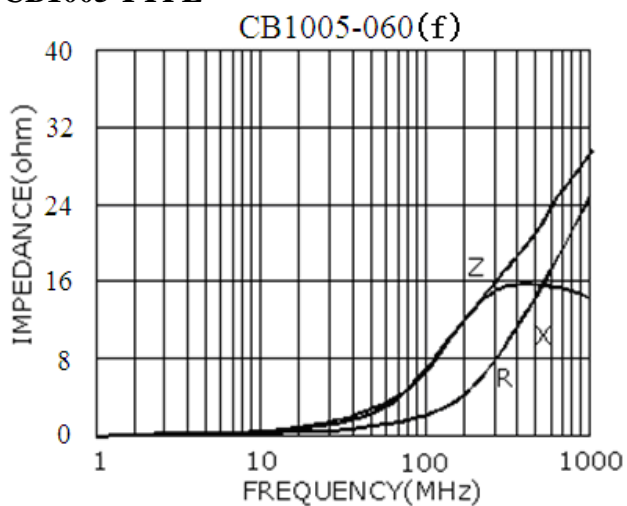
CB1608-181	180	100	0.30	200
CB1608-221	220	100	0.40	200
CB1608-301	300	100	0.40	200
CB1608-501	500	100	0.55	200
CB1608-601	600	100	0.60	200
CB1608-751	750	100	0.60	200
CB1608-102	1000	100	0.70	150
CB1608-122	1200	100	0.80	100
CB1608-152	1500	50	1.00	100
CB1608-202	2000	50	1.20	100

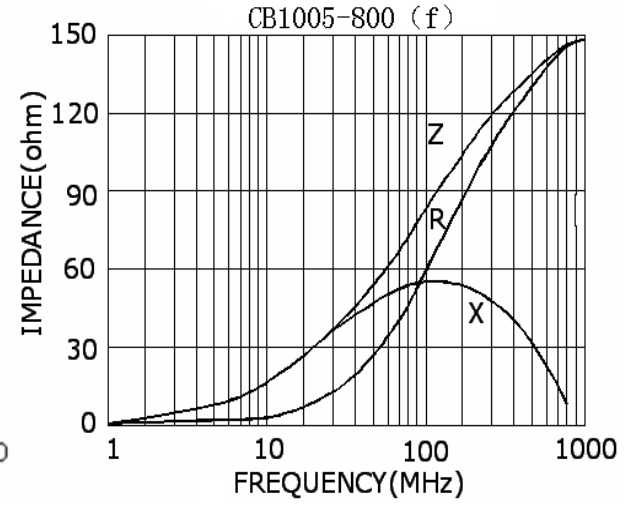
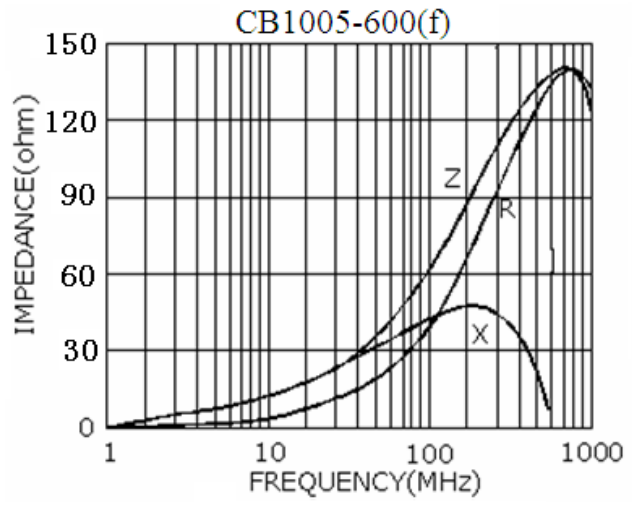
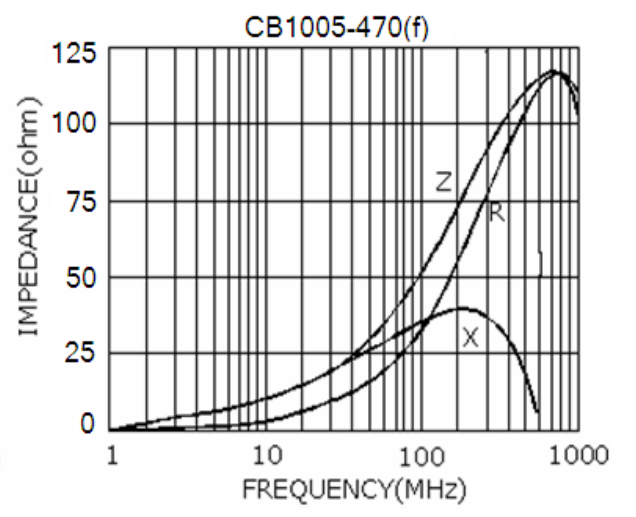
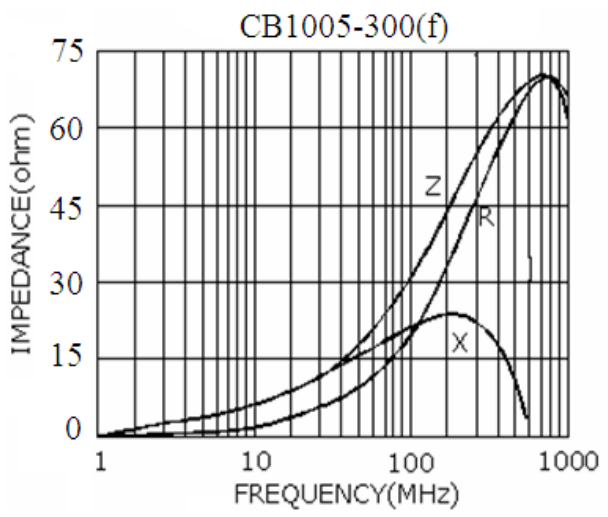
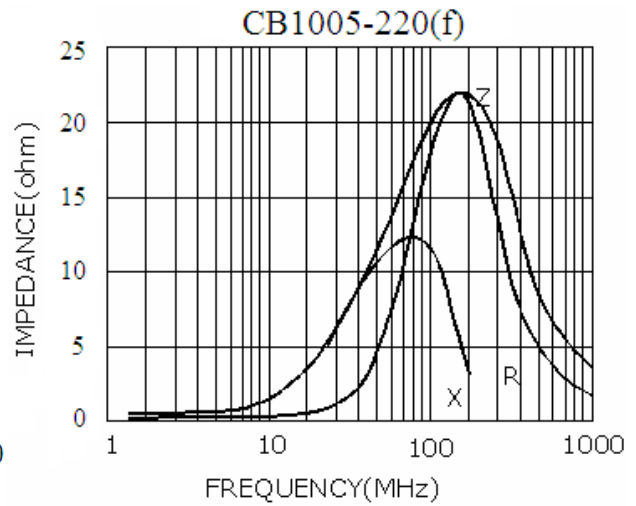
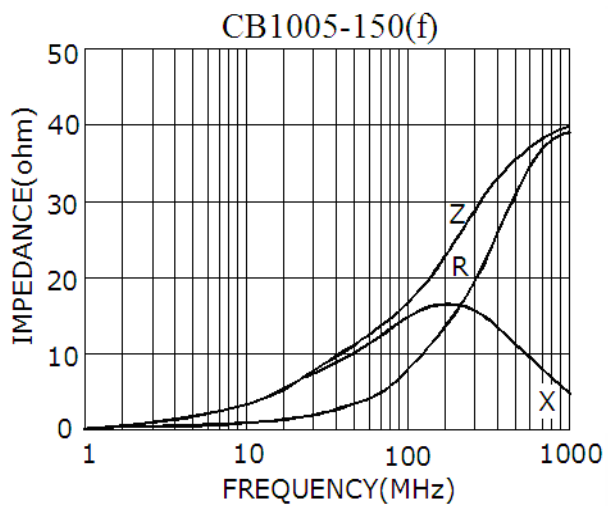
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CB2012-000	≤10	100	0.04	2000
CB2012-110	11	100	0.04	2000
CB2012-190	19	100	0.04	2000
CB2012-260	26	100	0.05	1500
CB2012-310	31	100	0.05	1500
CB2012-400	40	100	0.06	1000
CB2012-600	60	100	0.10	1000
CB2012-700	70	100	0.10	1000
CB2012-800	80	100	0.10	800
CB2012-121	120	100	0.15	700
CB2012-151	150	100	0.18	700
CB2012-181	180	100	0.18	600
CB2012-221	220	100	0.20	500
CB2012-301	300	100	0.20	500
CB2012-501	500	100	0.30	500
CB2012-601	600	100	0.30	500
CB2012-751	750	100	0.35	500
CB2012-102	1000	100	0.40	500
CB2012-122	1200	100	0.45	500
CB2012-152	1500	50	0.60	300
CB2012-202	2000	50	0.80	200
CB2012-252	2500	50	0.80	200

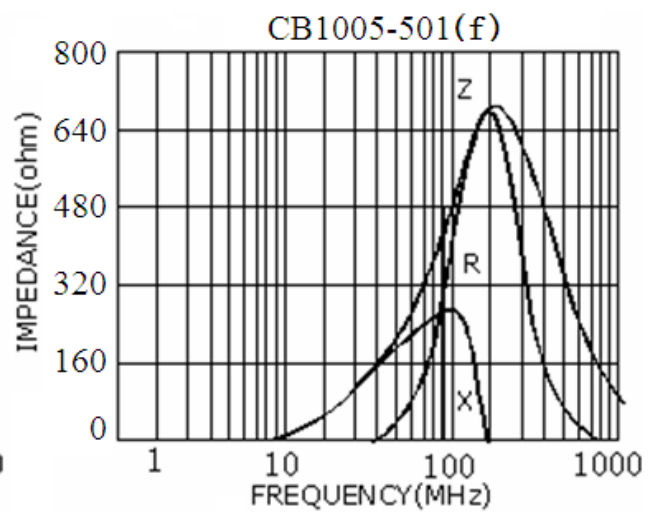
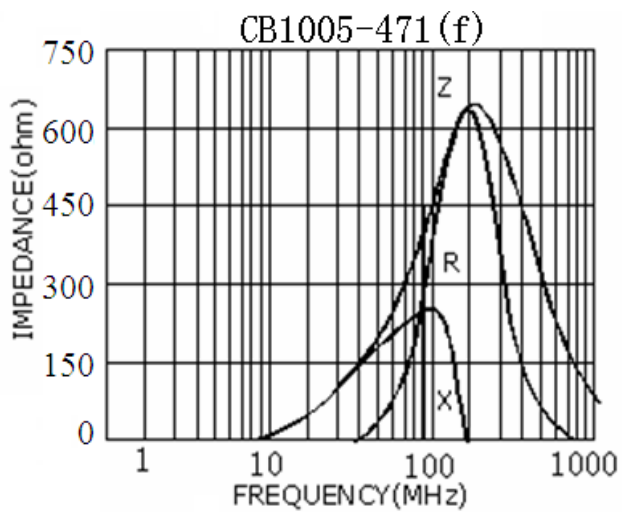
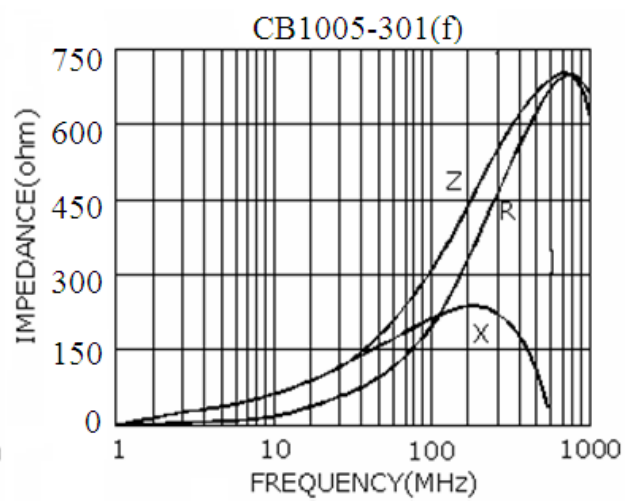
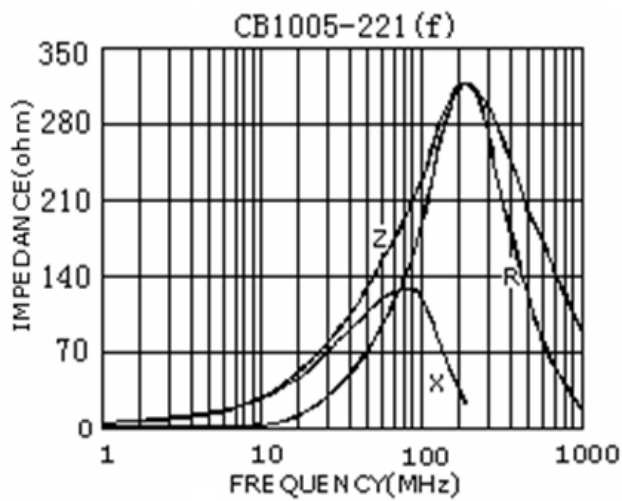
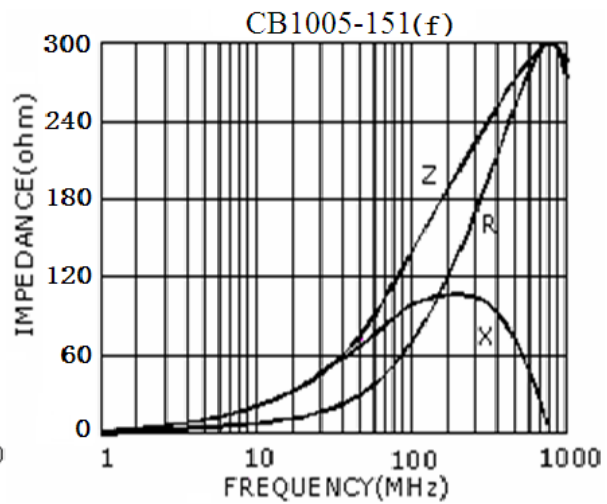
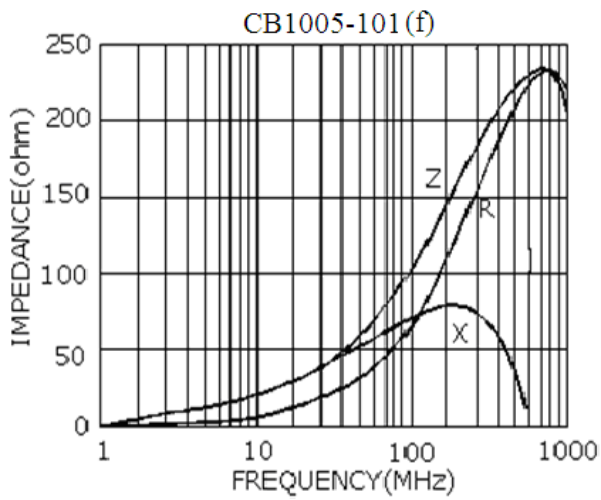
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产品型号	阻抗 (Ω) $\pm 25\%$	阻抗测试频率 (MHz)	直流电阻 (Ω) max	额定电流 (mA)
CB3216-000	≤ 10	100	0.05	2000
CB3216-100	10	100	0.05	2000
CB3216-190	19	100	0.06	1500
CB3216-260	26	100	0.06	1500
CB3216-310	31	100	0.06	1500
CB3216-600	60	100	0.10	1000
CB3216-700	70	100	0.10	1000
CB3216-800	80	100	0.10	1000
CB3216-121	120	100	0.10	600
CB3216-151	150	100	0.20	600
CB3216-201	200	100	0.20	600
CB3216-301	300	100	0.20	600
CB3216-501	500	100	0.30	600
CB3216-601	600	100	0.30	600
CB3216-751	750	100	0.35	600
CB3216-102	1000	100	0.60	500
CB3216-122	1200	100	0.60	500
CB3216-152	1500	50	0.70	200
CB3216-202	2000	50	0.70	200
CB3216-252	2500	50	0.80	200

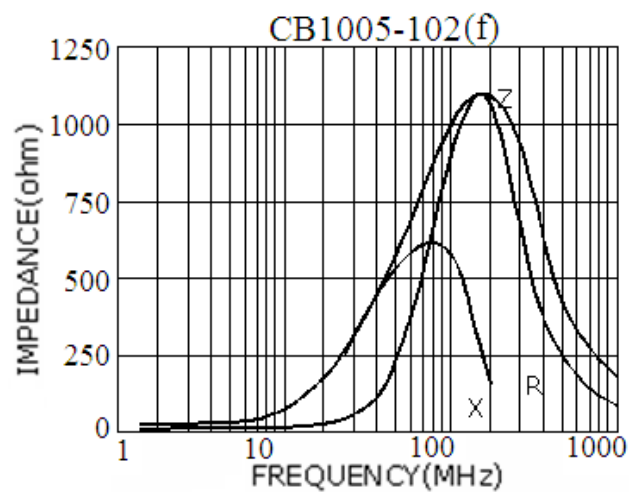
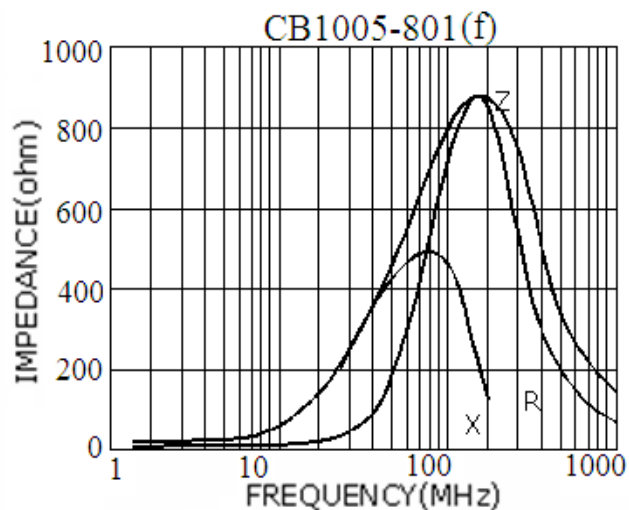
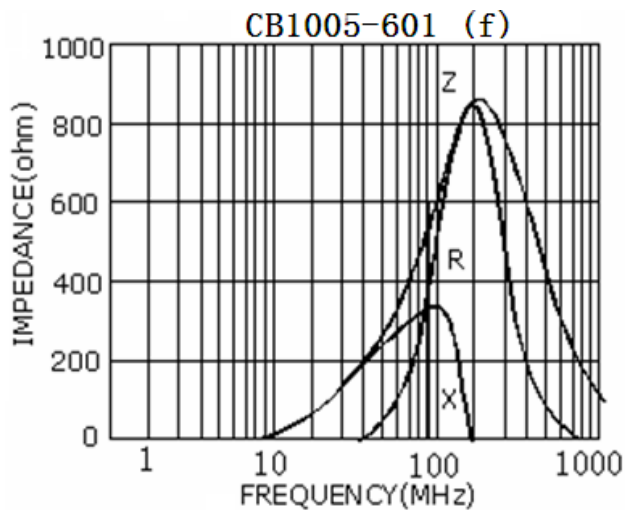
7

Detail electrical characteristics

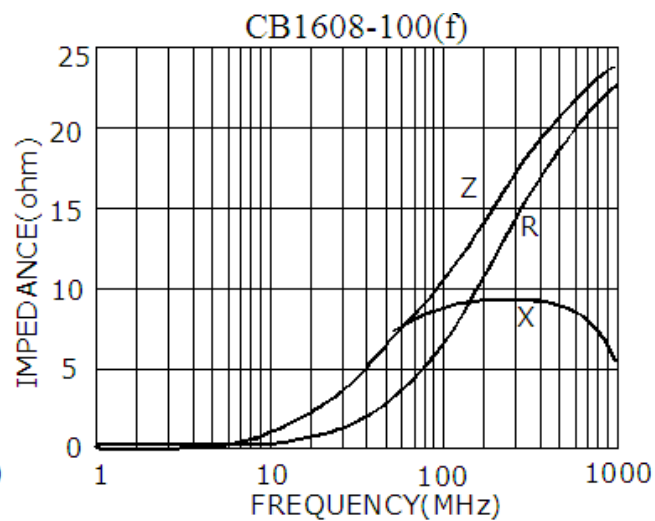
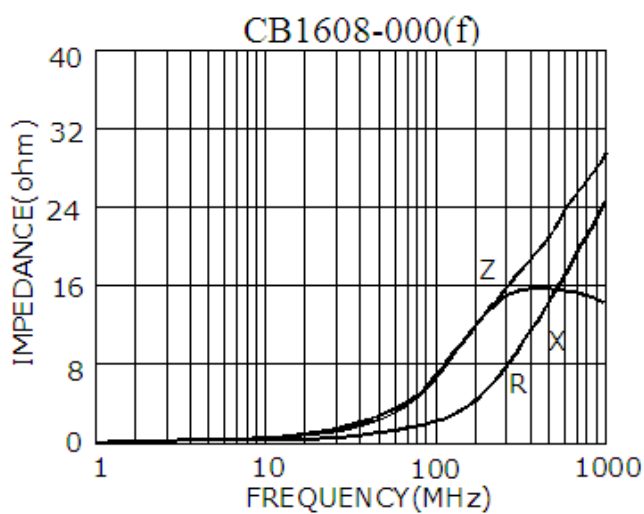
CB1005 TYPE

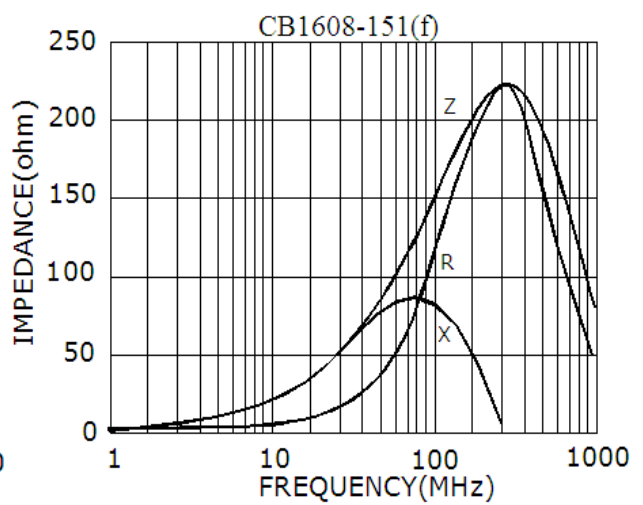
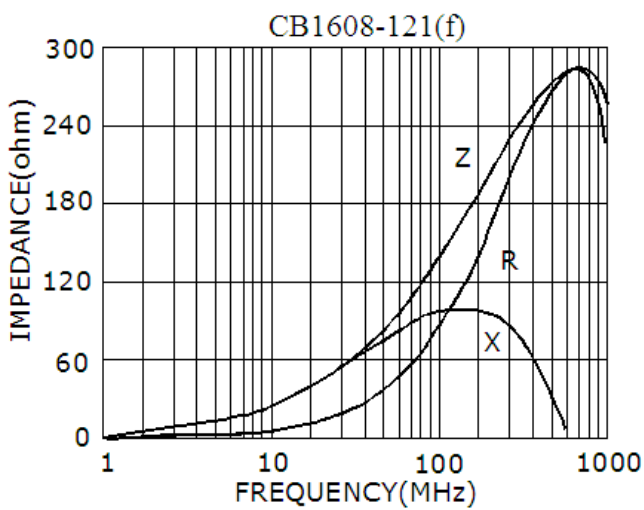
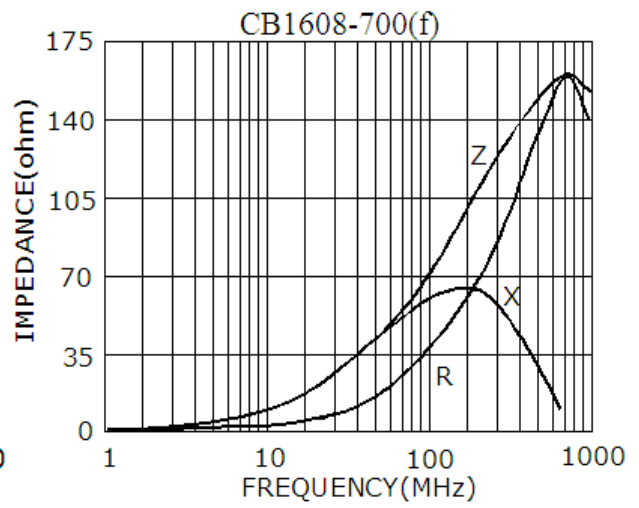
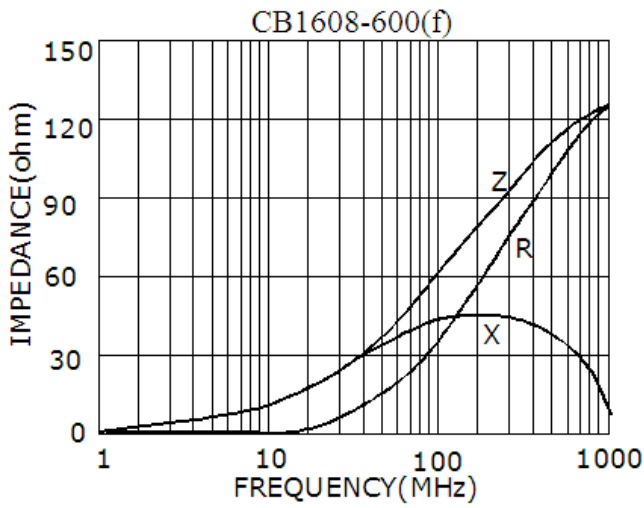
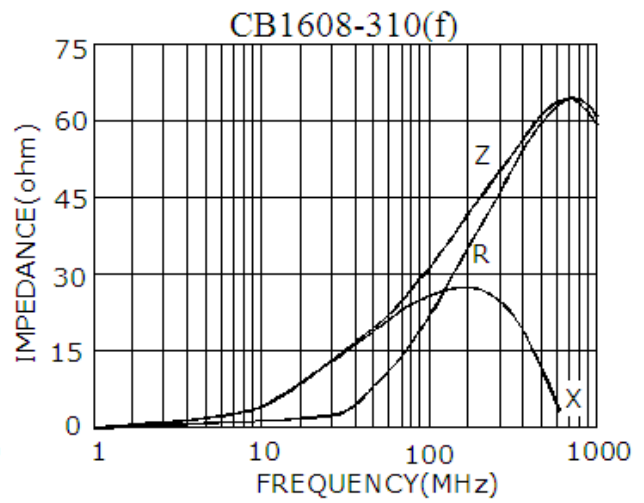
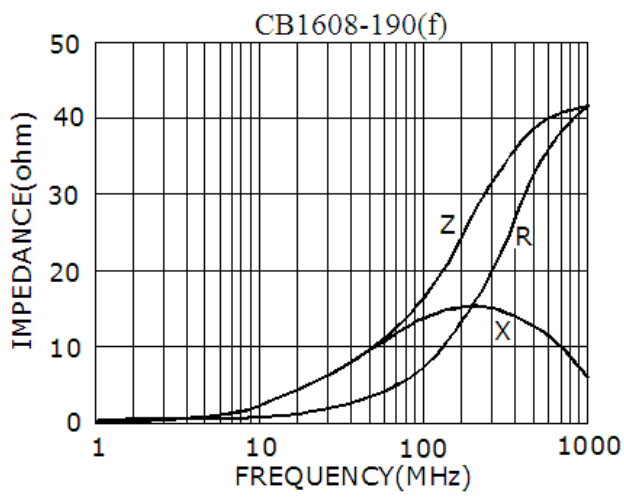


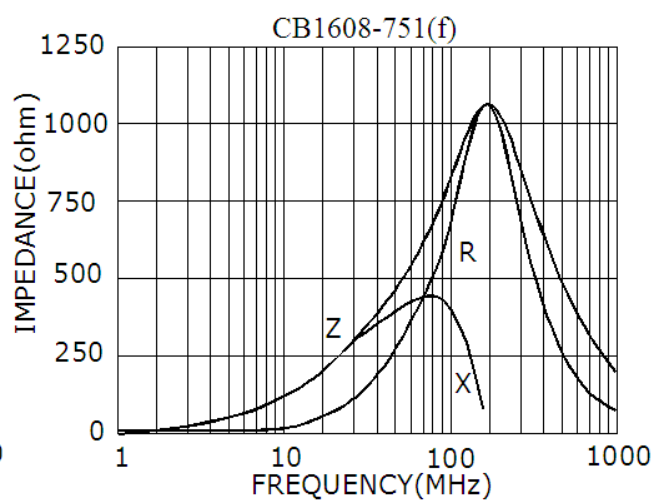
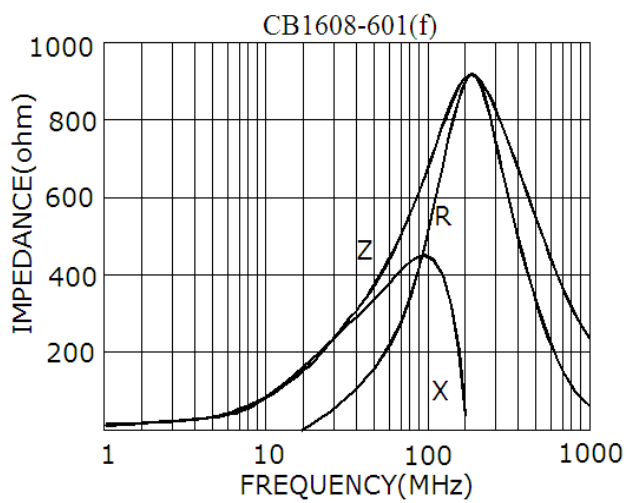
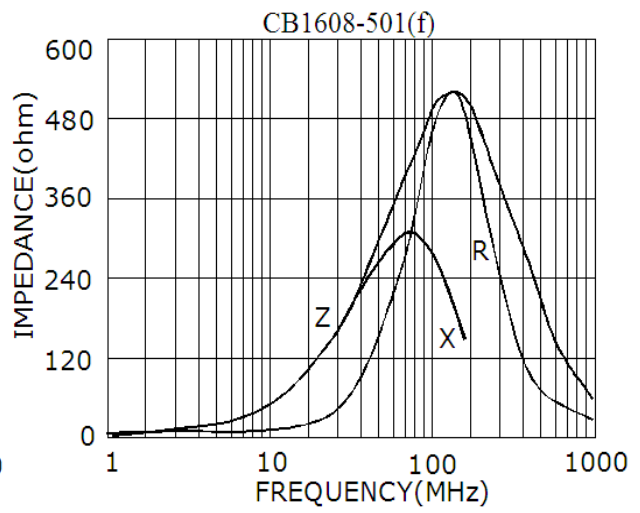
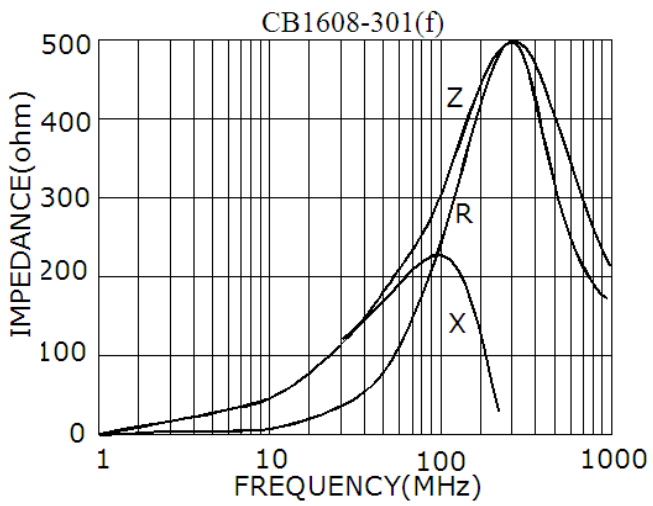
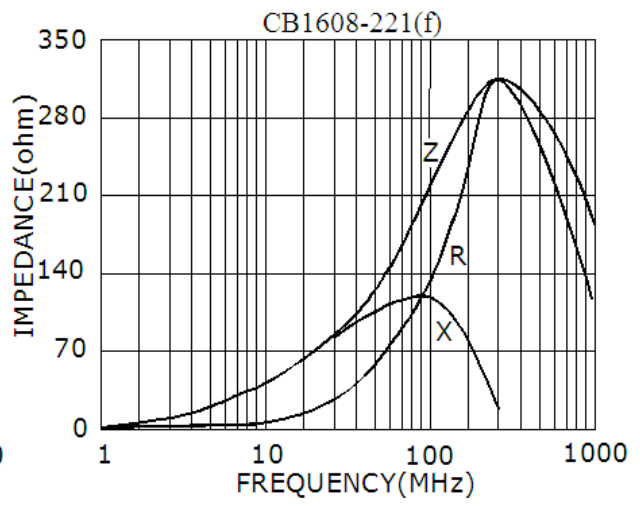
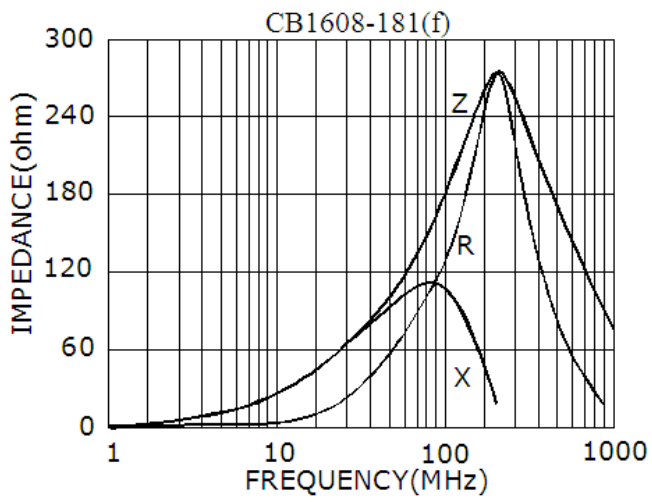


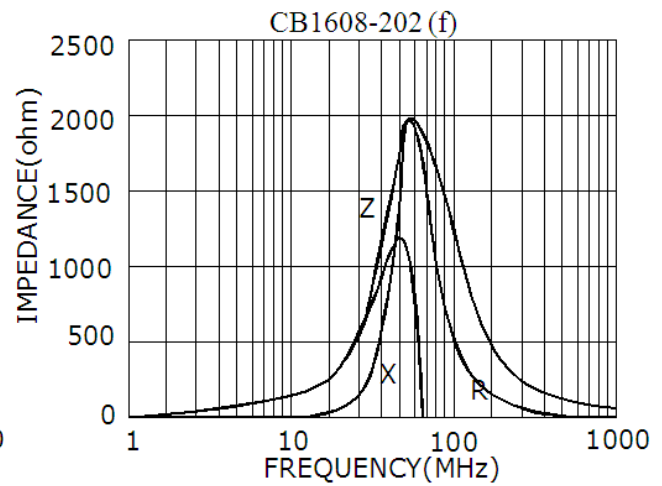
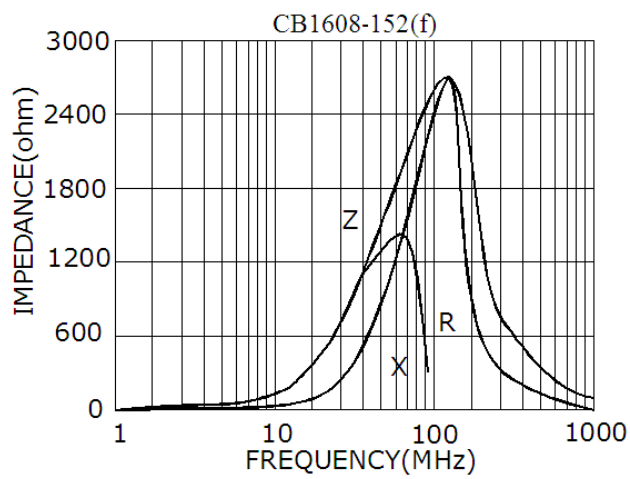
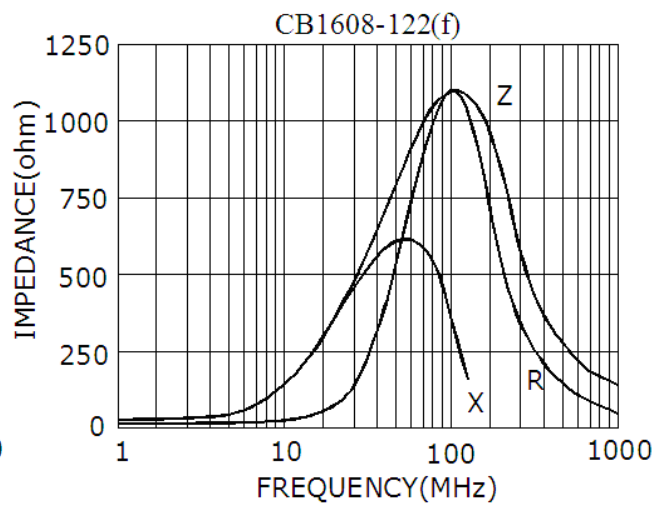
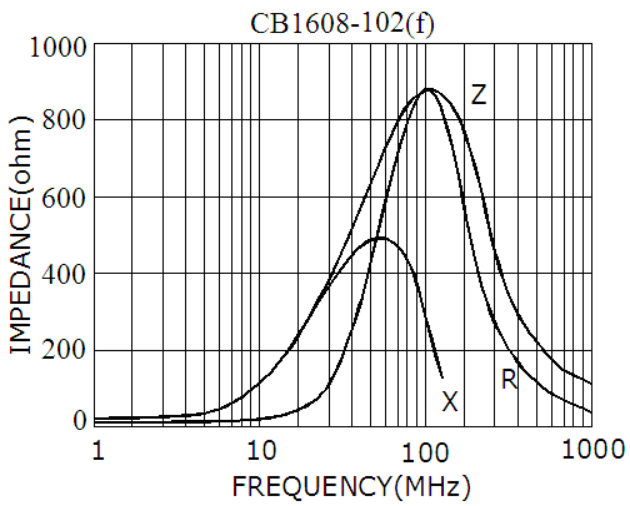


CB1608 TYPE

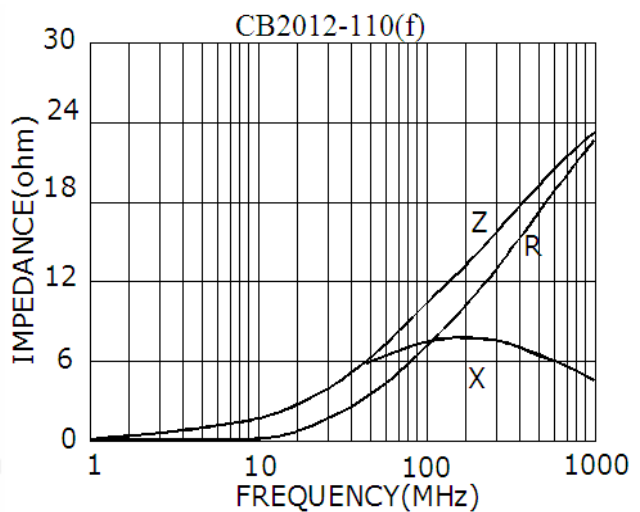
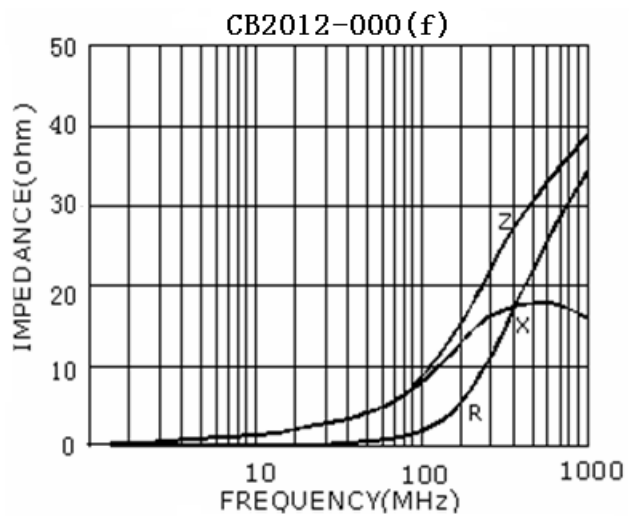


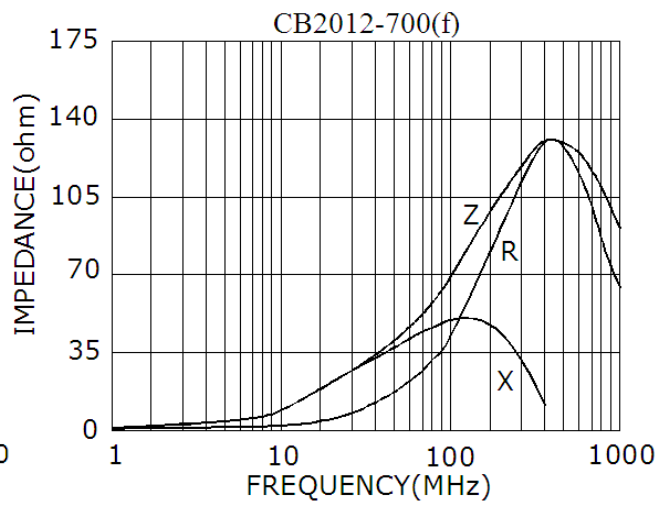
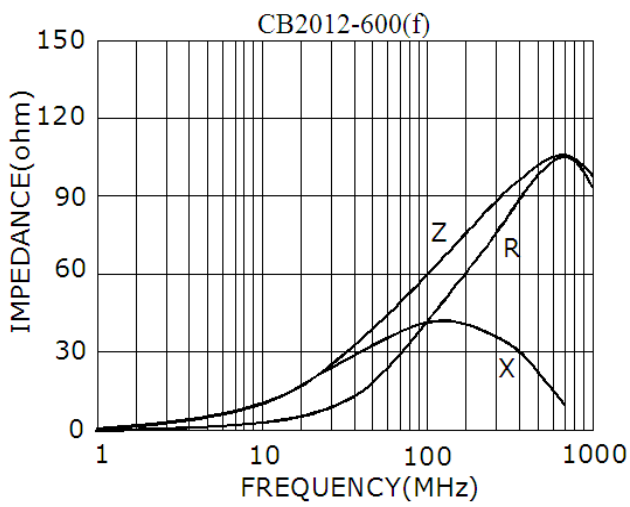
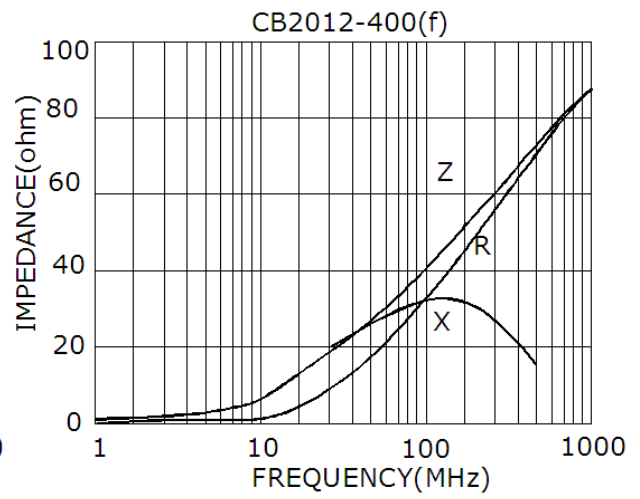
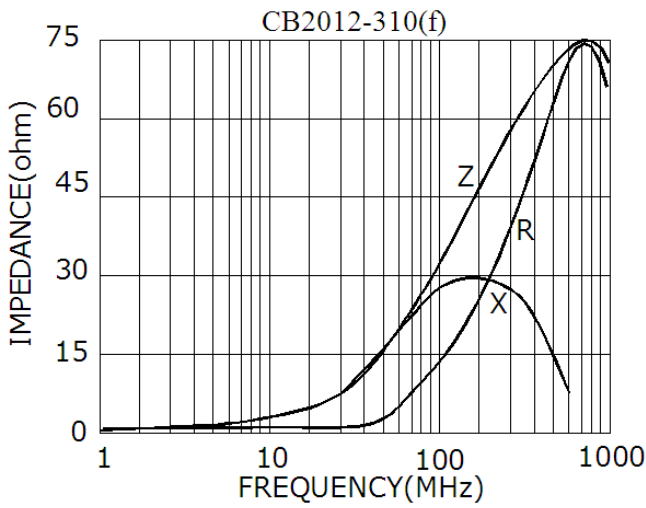
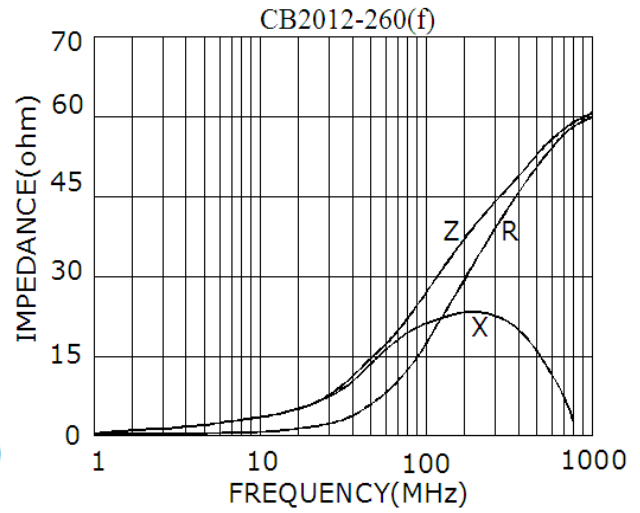
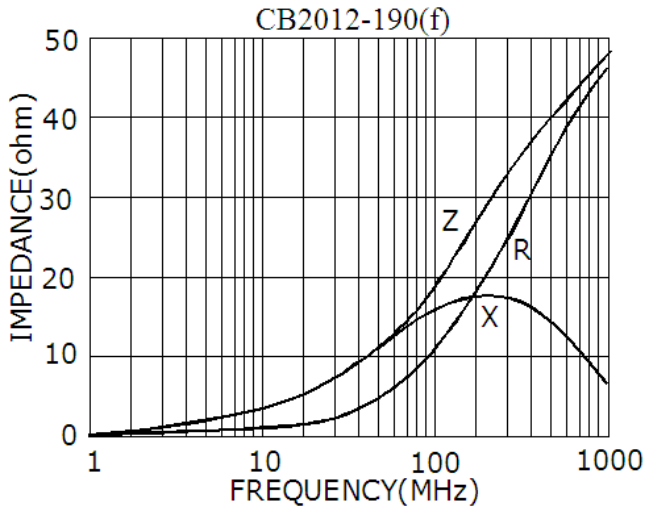


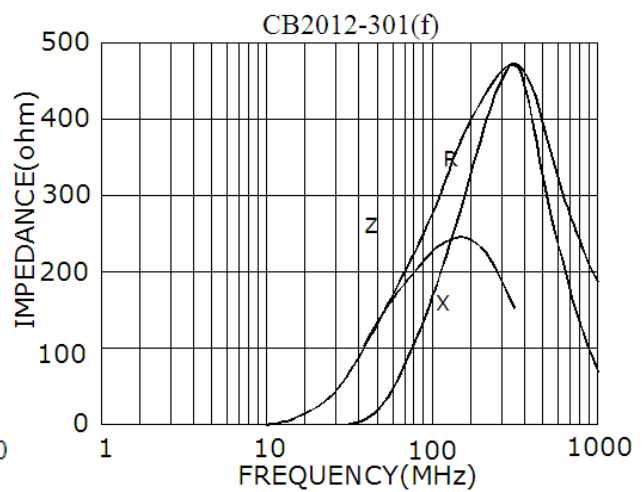
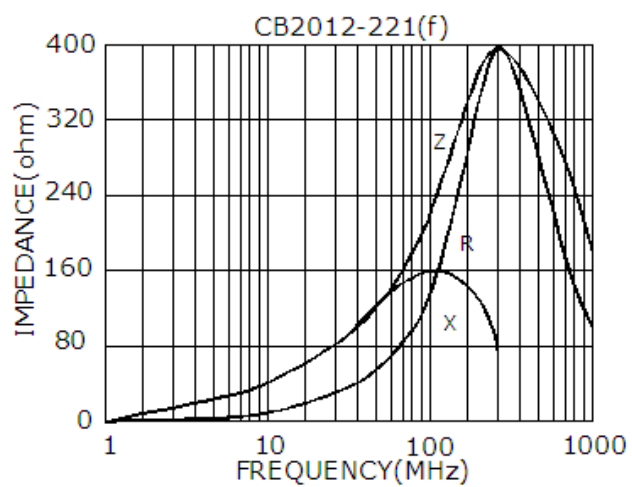
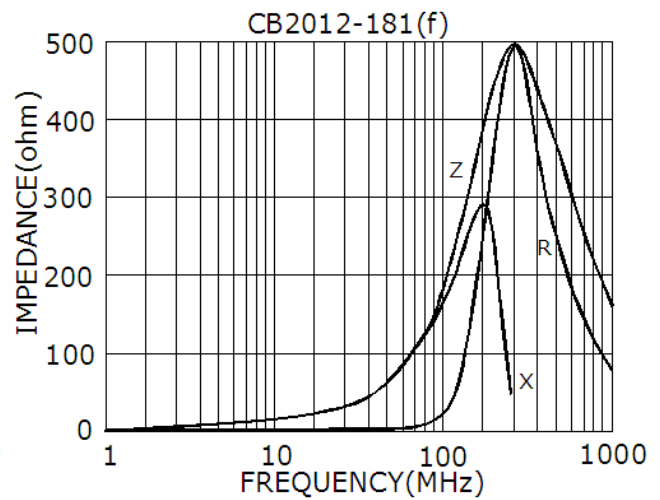
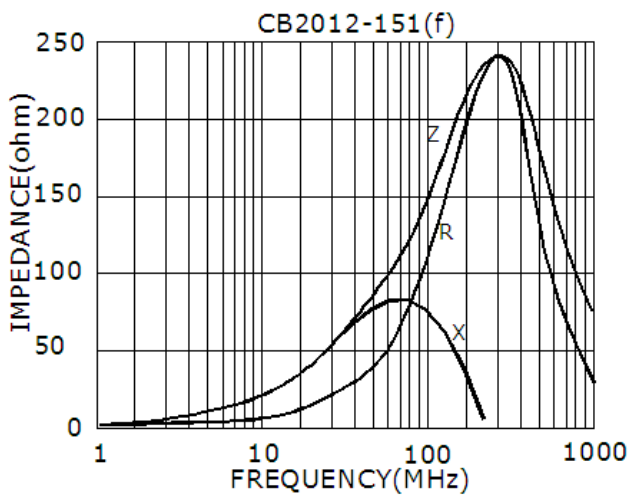
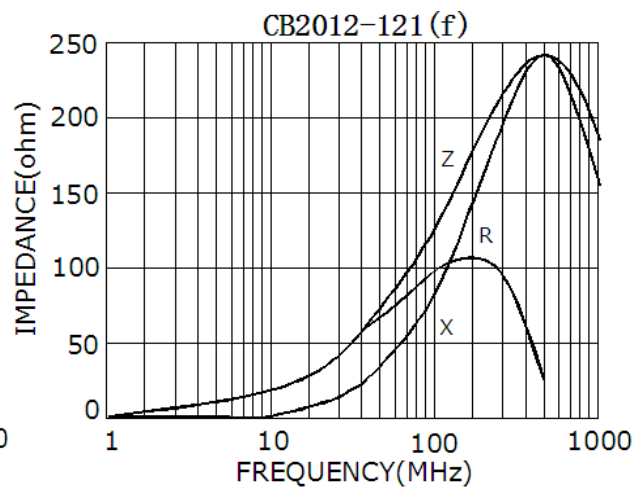
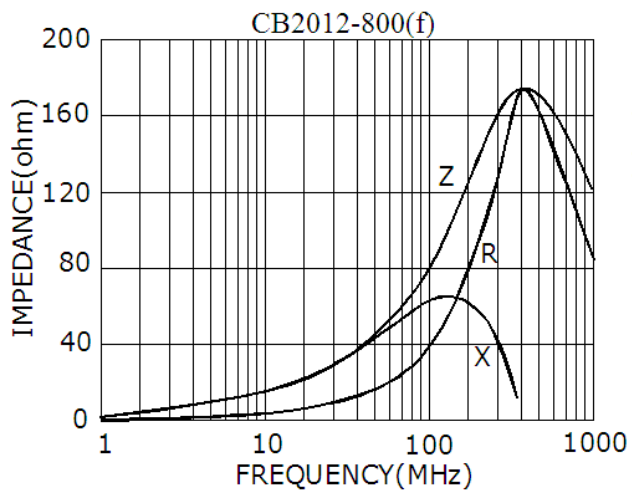


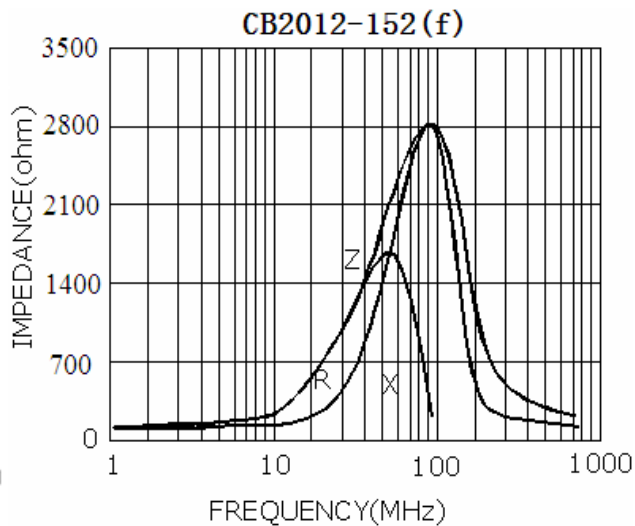
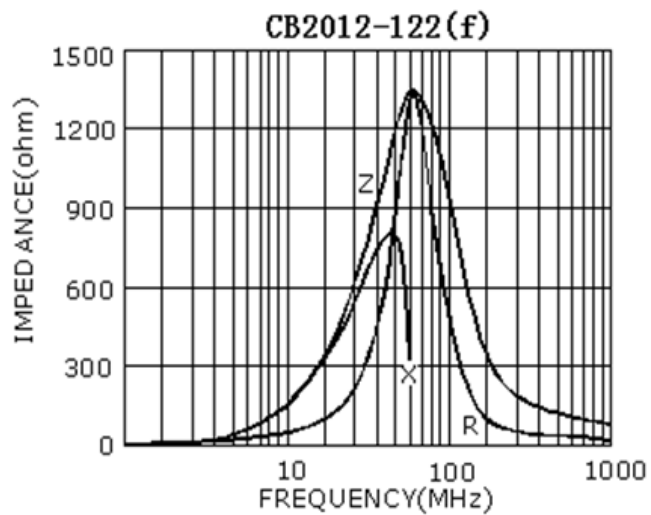
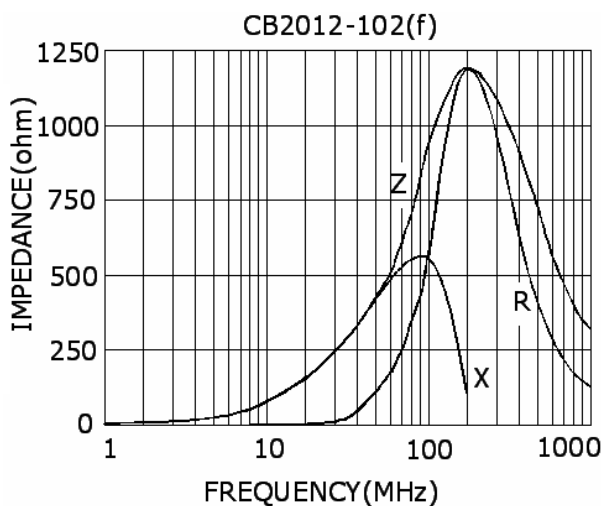
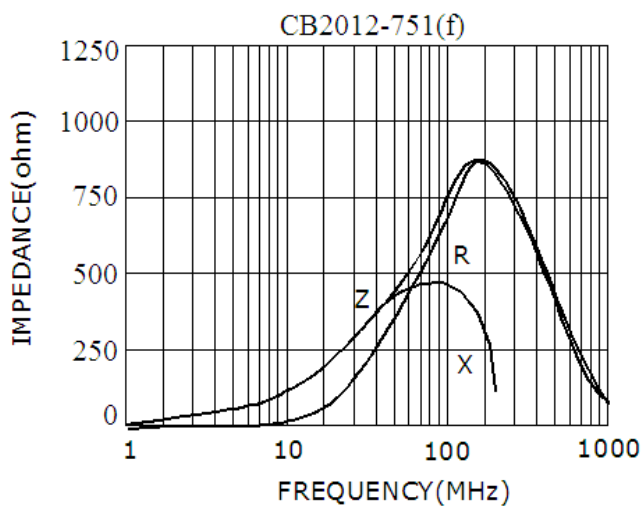
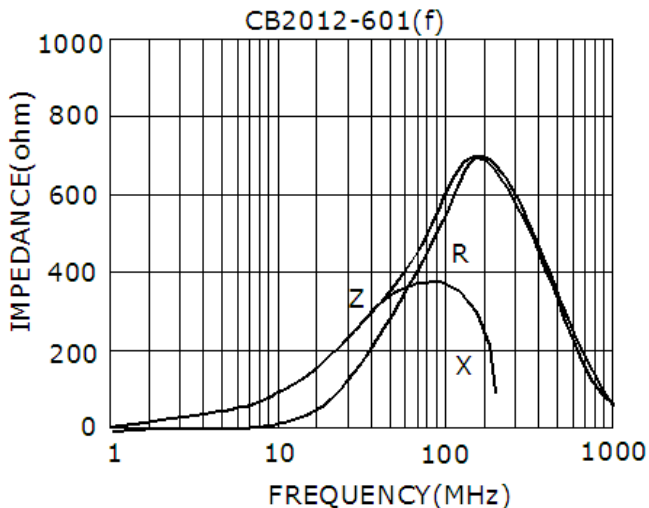
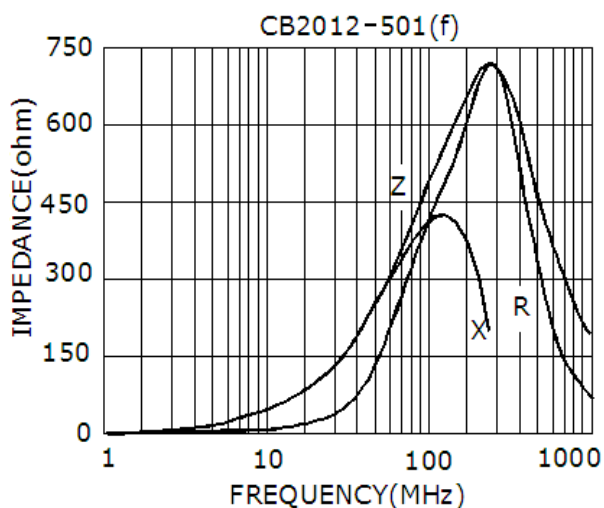


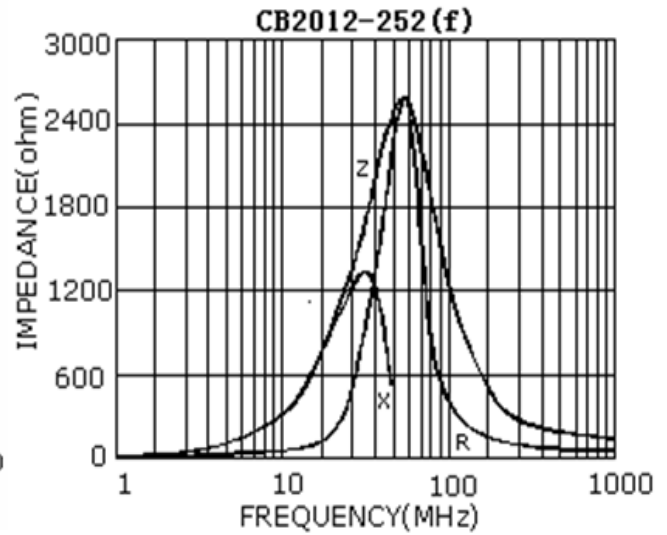
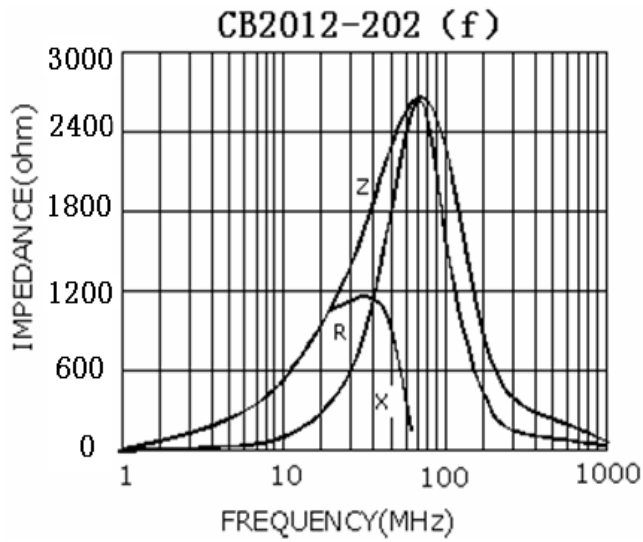
CB2012 TYPE



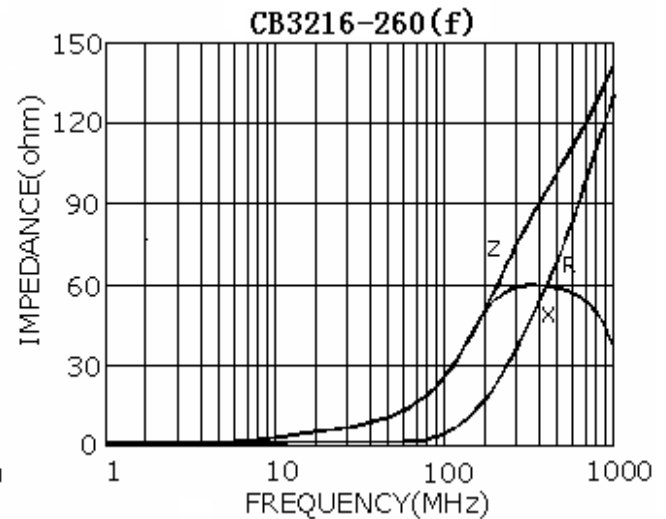
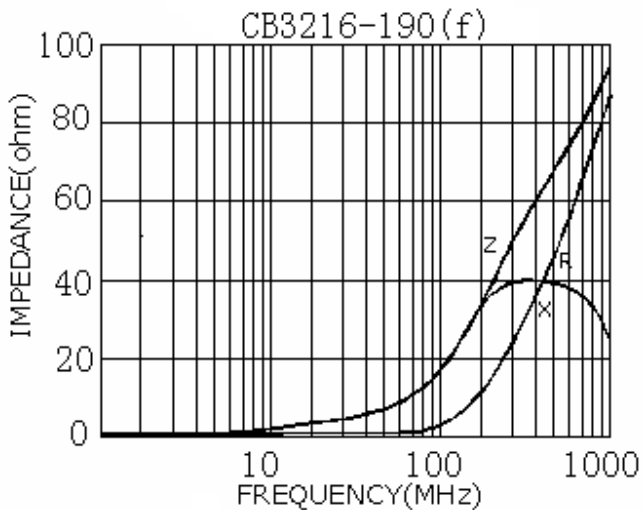
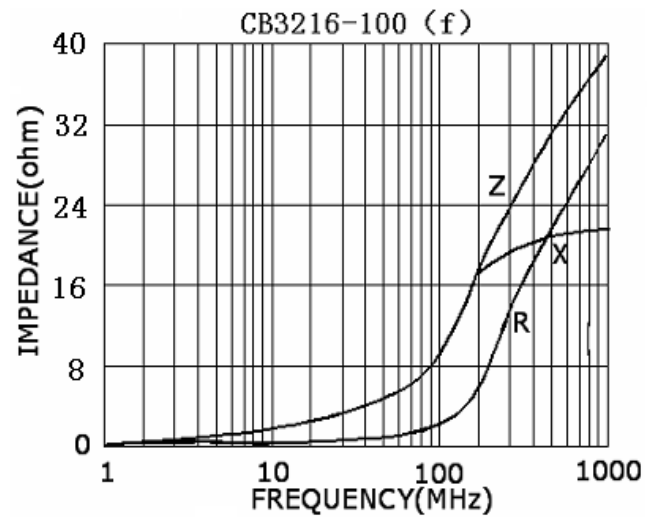
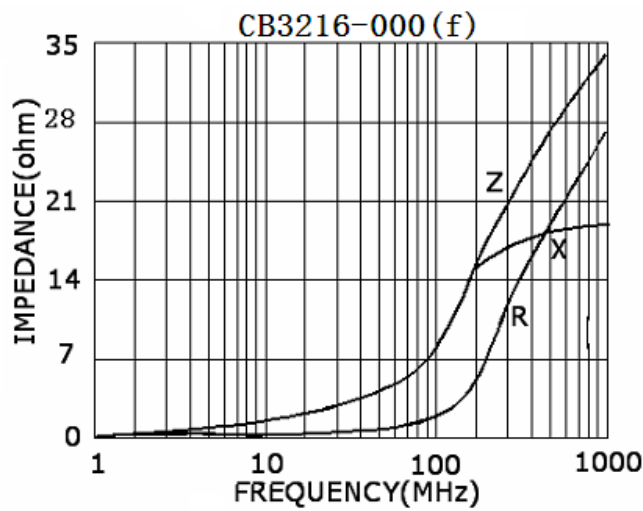


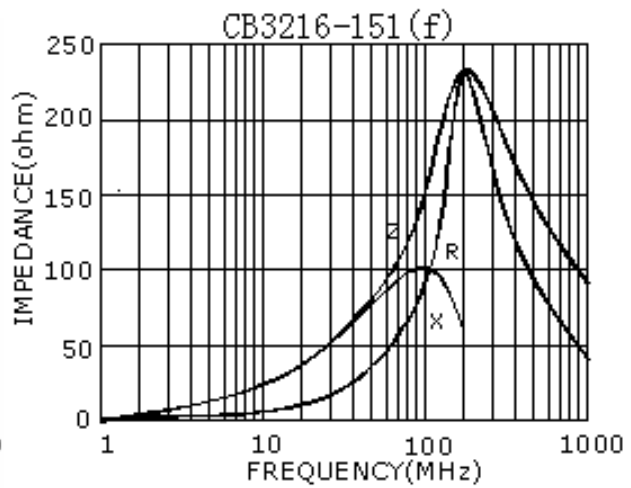
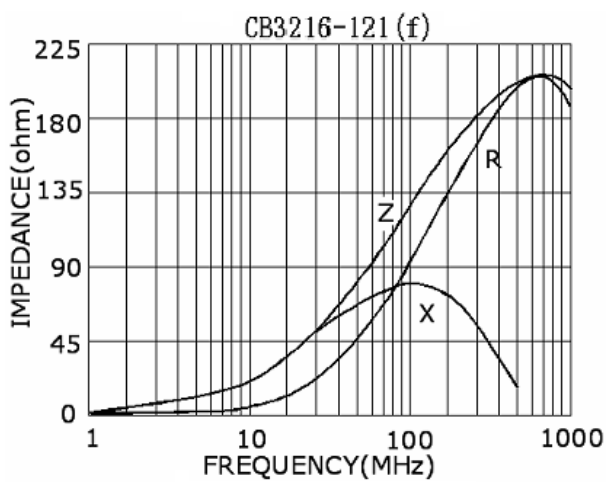
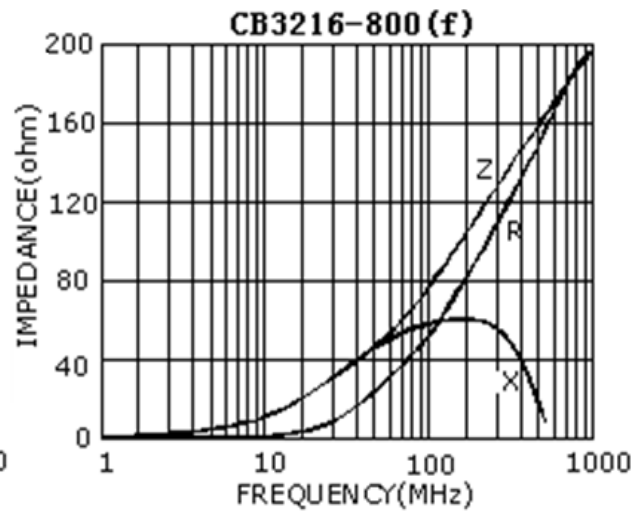
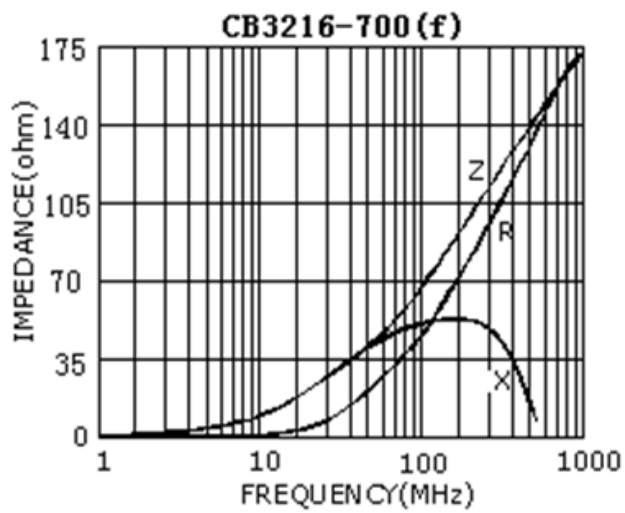
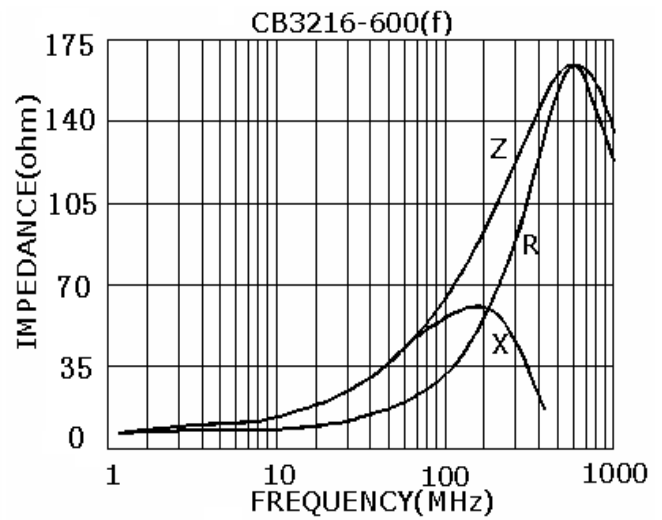
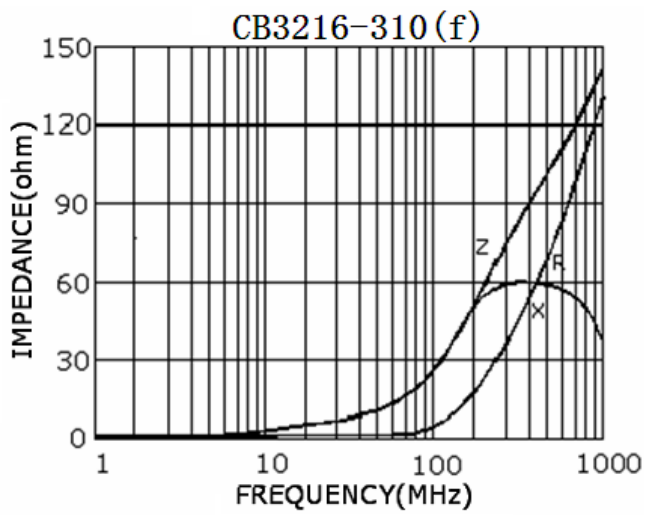


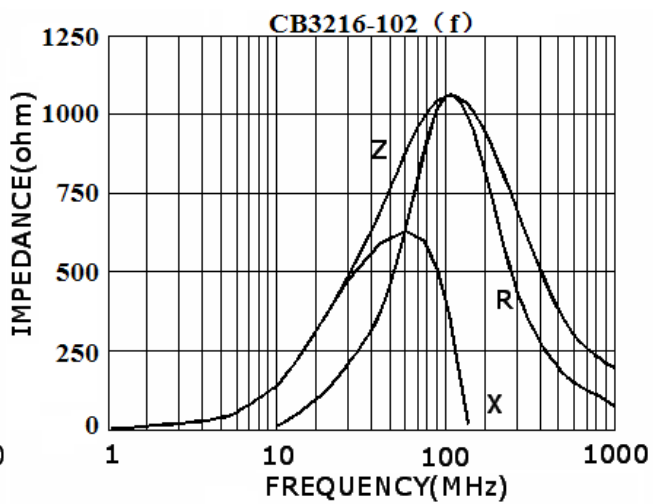
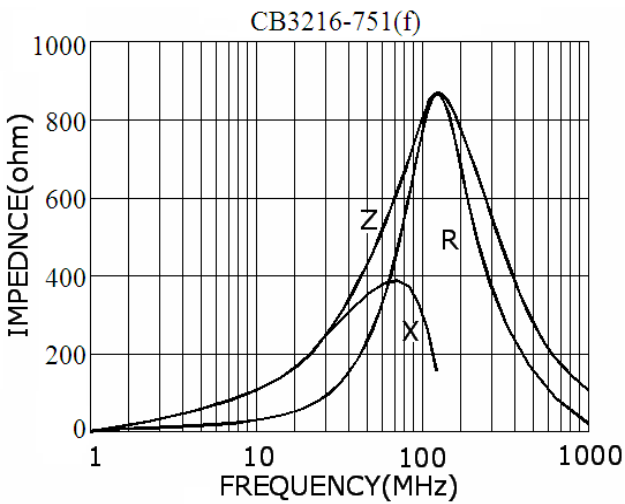
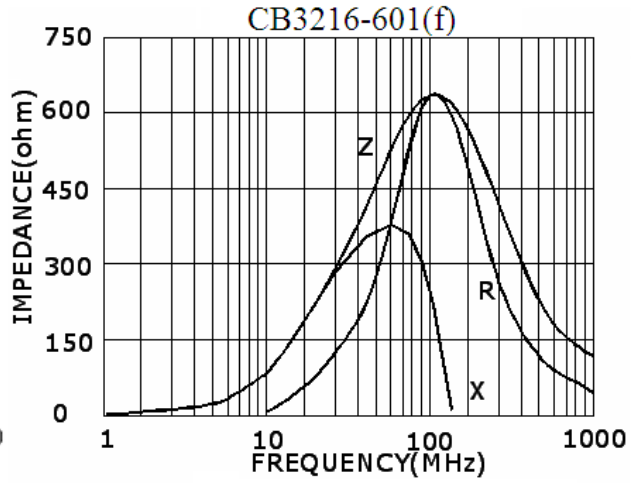
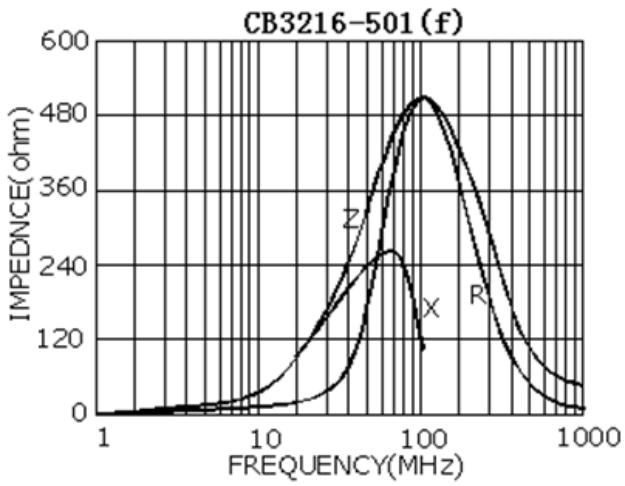
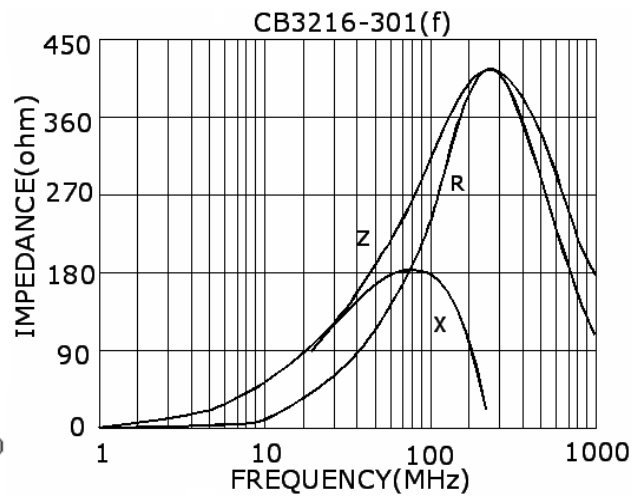
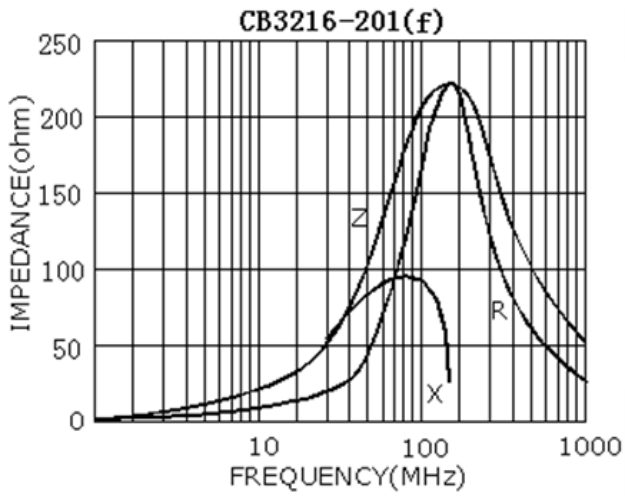


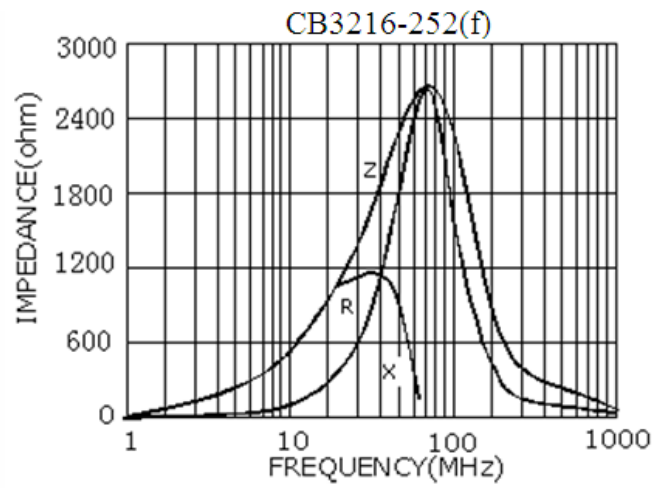
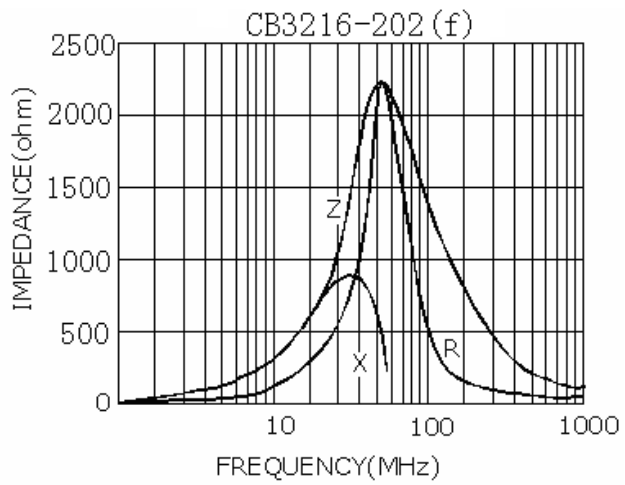
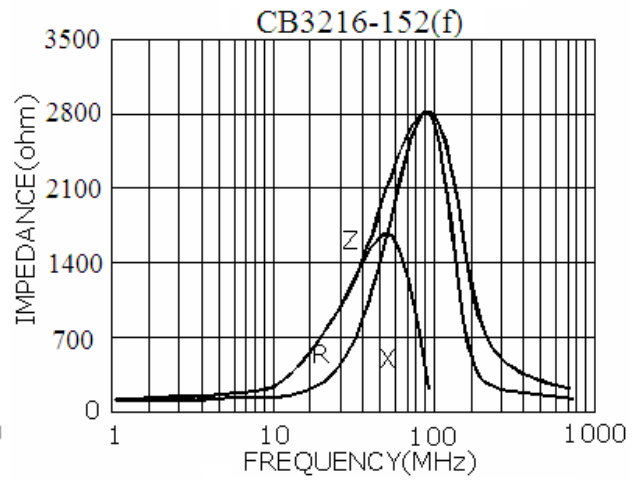
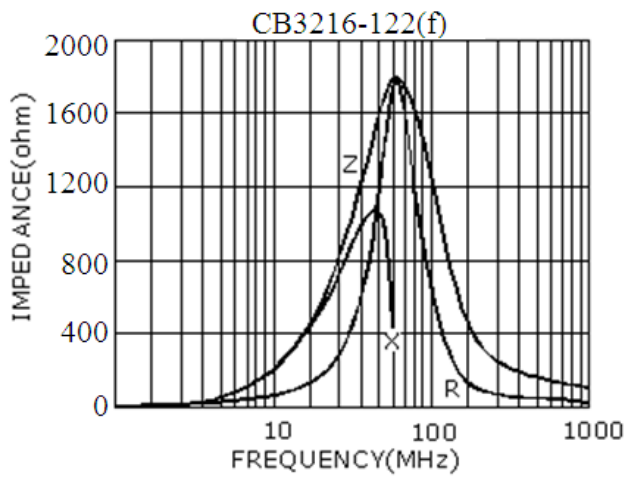


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