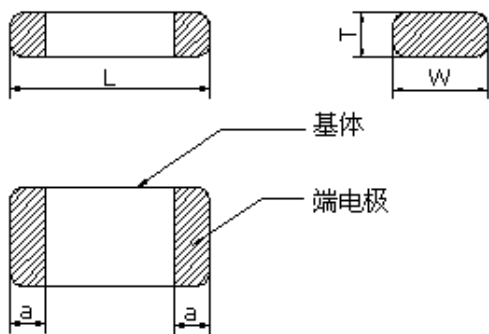




PB Series Specification

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
PB1608	1.60±0.15	0.80±0.15	0.80±0.15	0.30±0.20
PB2012	2.00±0.20	1.25±0.20	0.85±0.15 1.25±0.2	0.4±0.20
PB3216	3.20±0.20	1.60±0.20	0.85±0.20 1.1±0.30 1.6±0.30	0.50±0.30

3 Part Numbering: Product Identification

PB 2012 - 601 1A0 - T (f)

① ② ③ ④ ⑤ ⑥

- (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) Rated Current 额定电流 1A0 : 1000mA 3A0 : 3000mA 4A0: 4000mA
- (5) Packing style 包装方式: B: Bulk 散装; T: Tape and reel 载带盘装
- (6) 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。

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5 Rating

Operating Temperature (使用温度) : $-40^{\circ}\text{C}\sim+125^{\circ}\text{C}$

Storage Temperature (储存温度) : $40^{\circ}\text{C max. 70\% RH max.}$

6 Test Data For Preproduction Samples

大电流型铁氧体叠层片式磁珠电性能

PB1608 型				
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)
PB1608-000/3A0	≤ 10	100	0.020	3000
PB1608-000/4A0	≤ 10	100	0.005	4000
PB1608-110/3A0	11	100	0.020	3000
PB1608-110/4A	11	100	0.005	4000
PB1608-190/3A0	19	100	0.030	3000
PB1608-260/3A0	26	100	0.030	3000
PB1608-300/1A0	30	100	0.075	1000
PB1608-310/3A0	31	100	0.030	3000
PB1608-470/2A5	47	100	0.030	2500
PB1608-500/3A0	50	100	0.030	3000
PB1608-600/1A0	60	100	0.080	1000
PB1608-600/2A0	60	100	0.045	2000
PB1608-600/3A0	60	100	0.030	3000
PB1608-800/1A5	80	100	0.080	1500
PB1608-121/1A0	120	100	0.100	1000

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PB1608-121/3A0	120	100	0.055	3000
PB1608-151/1A0	150	100	0.100	1000
PB1608-151/2A0	150	100	0.075	2000
PB1608-221/2A0	200	100	0.100	2000
PB1608-601/1A0	600	100	0.250	1000
PB1608-102/0A5	1000	100	0.400	500

PB2012 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)
PB2012-000/4A0	≤10	100	0.005	4000
PB2012-110/4A0	11	100	0.015	4000
PB2012-110/6A0	11	100	0.005	6000
PB2012-190/4A0	19	100	0.015	4000
PB2012-260/4A0	26	100	0.015	4000
PB2012-310/4A0	31	100	0.015	4000
PB2012-310/6A0	31	100	0.005	6000
PB2012-390/4A0	39	100	0.020	4000
PB2012-600/3A0	60	100	0.040	3000
B2012-800/3A0	80	100	0.040	3000
PB2012-121/2A0	120	100	0.060	2000
PB2012-121/3A0	120	100	0.040	3000
PB2012-151/2A0	150	100	0.060	2000
PB2012-151/3A0	150	100	0.040	3000
PB2012-181/2A0	180	100	0.060	2000
PB2012-181/3A0	180	100	0.045	3000

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PB2012-221/2A0	220	100	0.060	2000
PB2012-221/3A0	220	100	0.045	3000
PB2012-301/2A0	300	100	0.060	2000
PB2012-301/3A0	300	100	0.050	3000
PB2012-501/1A0	500	100	0.200	1000
PB2012-501/2A0	500	100	0.120	2000
PB2012-601/2A0	600	100	0.125	2000
PB2012-601/2A5	600	100	0.120	2500
PB2012-801/1A0	800	100	0.200	1000
PB2012-102/1A0	1000	100	0.220	1000

PB3216 型

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)
PB3216-000/6A0	≤ 10	100	0.005	6000
PB3216-110/6A0	11	100	0.005	6000
PB3216-190/4A0	19	100	0.010	4000
PB3216-190/6A0	19	100	0.005	6000
PB3216-260/6A0	26	100	0.005	6000
PB3216-310/6A0	31	100	0.005	6000
PB3216-390/6A0	39	100	0.005	6000
PB3216-600/4A0	60	100	0.010	4000
PB3216-600/6A0	60	100	0.006	6000
PB3216-800/3A0	80	100	0.030	3000
PB3216-800/4A0	80	100	0.018	4000
PB3216-121/1A0	120	100	0.150	1000
PB3216-121/2A0	120	100	0.080	2000
PB3216-121/3A0	120	100	0.030	3000
PB3216-151/1A0	150	100	0.150	1000

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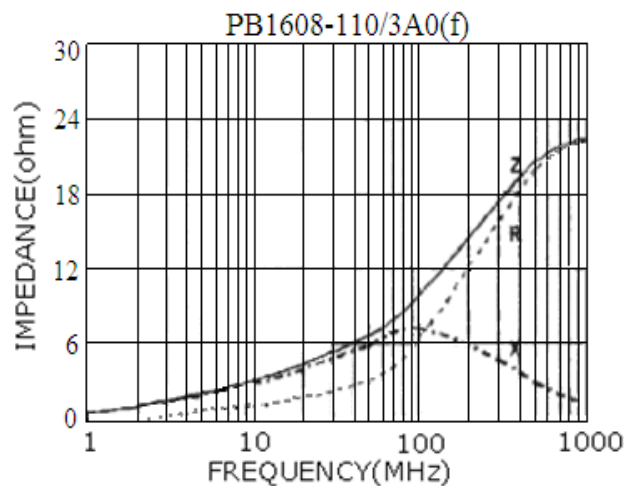
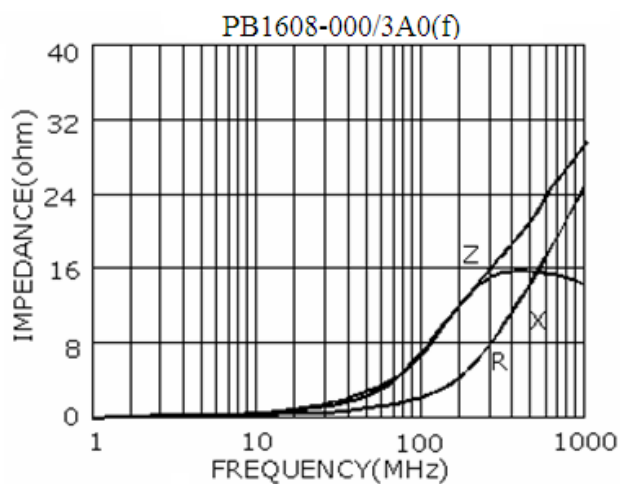


PB3216-151/2A0	150	100	0.080	2000
PB3216-151/3A0	150	100	0.040	3000
PB3216-221/1A0	220	100	0.150	1000
PB3216-221/2A0	220	100	0.080	2000
PB3216-221/3A0	220	100	0.040	3000
PB3216-301/1A0	300	100	0.150	1000
PB3216-301/2A0	300	100	0.100	2000
PB3216-301/3A0	300	100	0.070	3000
PB3216-401/1A0	400	100	0.150	1000
PB3216-401/2A0	400	100	0.090	2000
PB3216-501/1A0	500	100	0.150	1000
PB3216-501/2A0	500	100	0.100	2000
PB3216-601/1A0	600	100	0.150	1000
PB3216-601/2A5	600	100	0.100	2500
PB3216-801/1A0	800	100	0.180	1000
PB3216-102/2A5	1000	100	0.180	1000

7

Detail electrical characteristics

PB1608 TYPE



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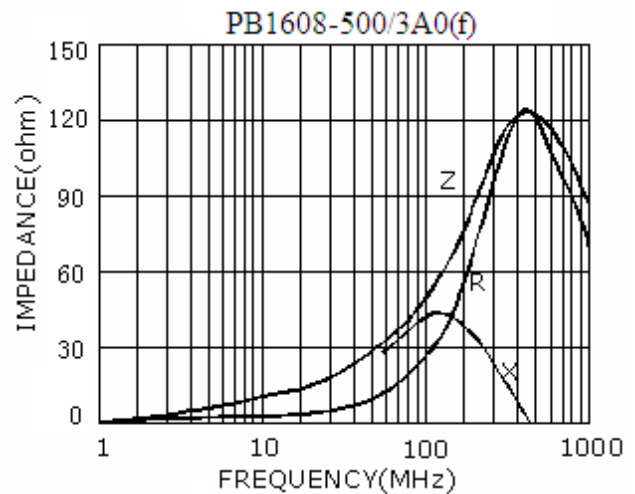
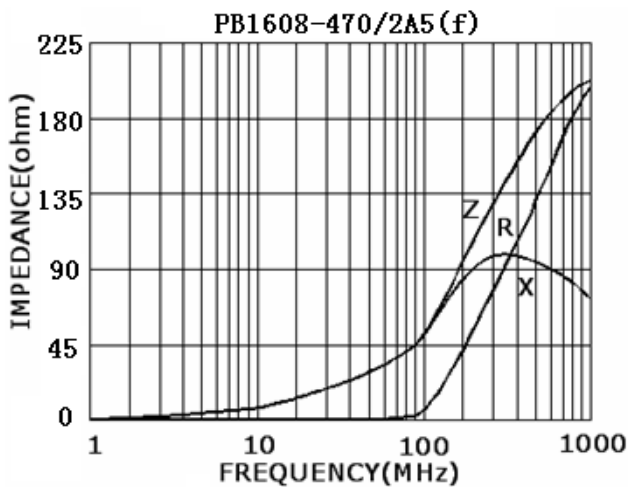
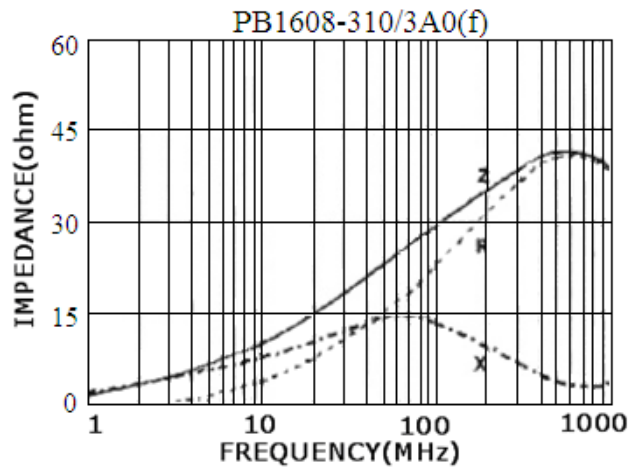
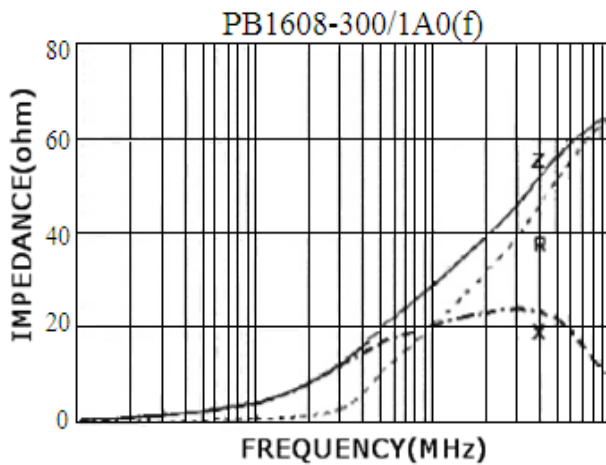
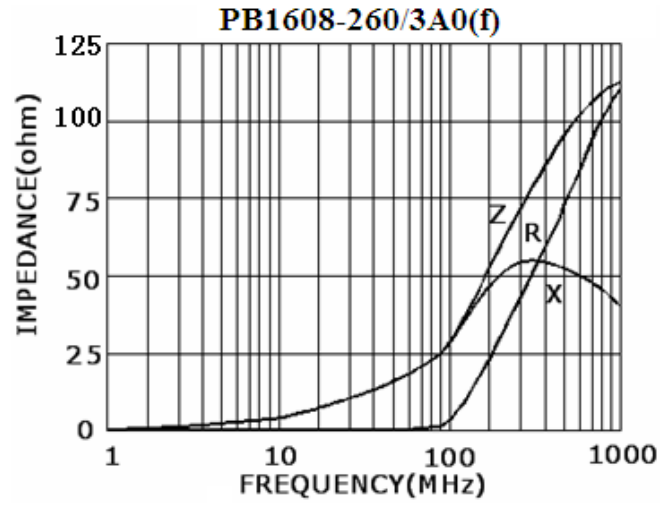
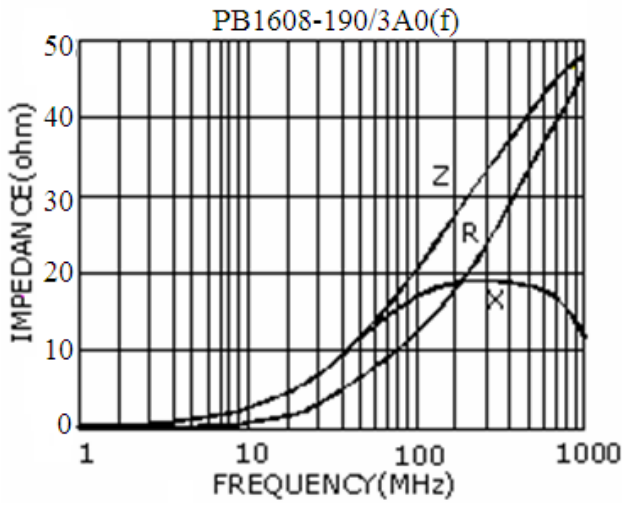
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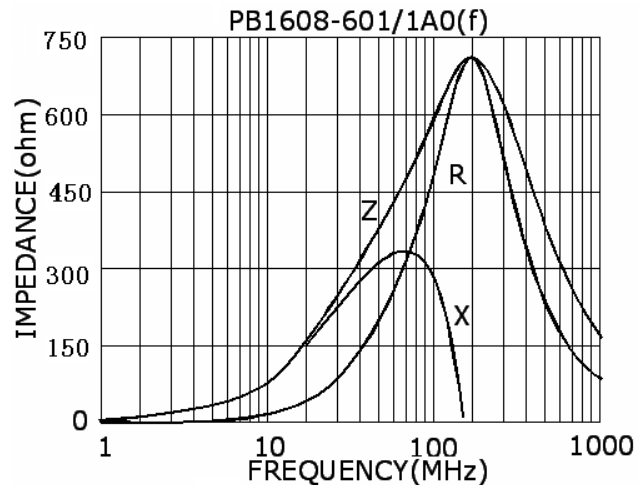
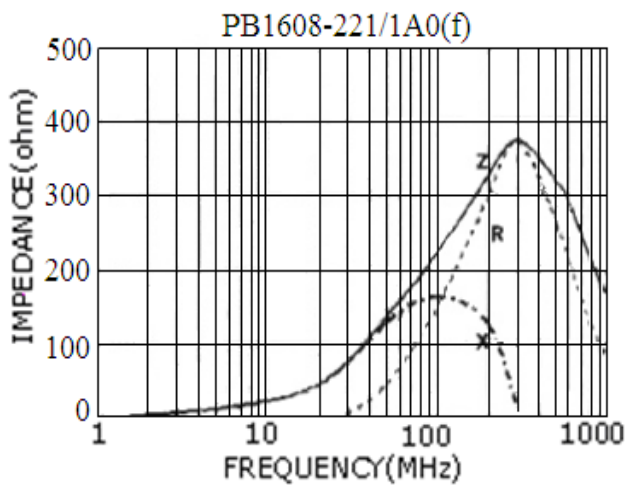
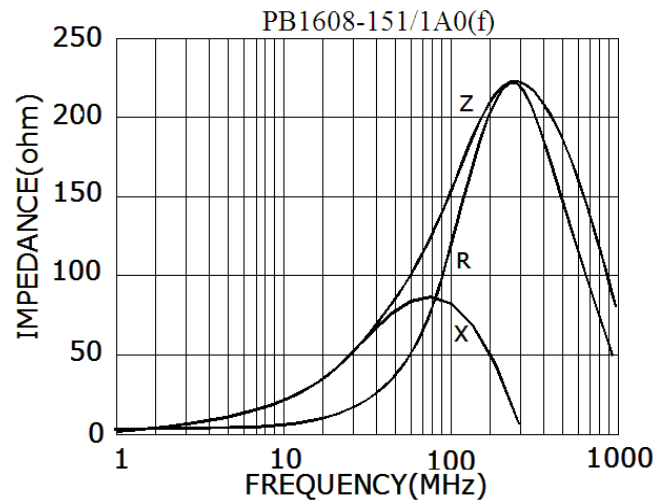
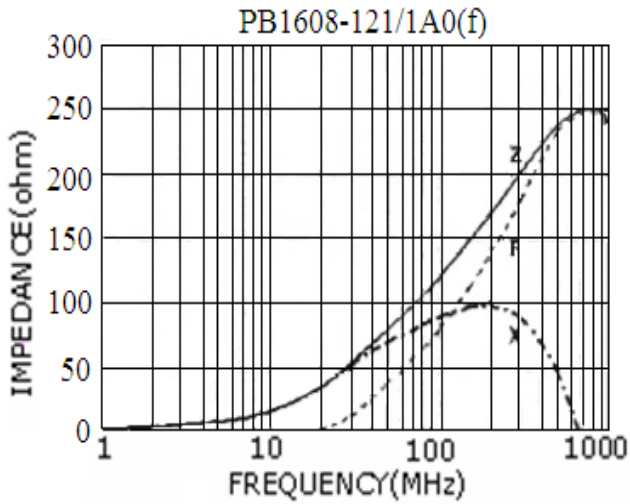
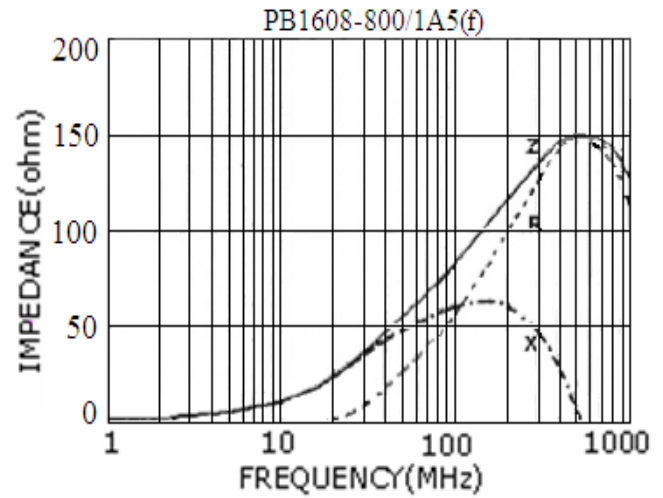
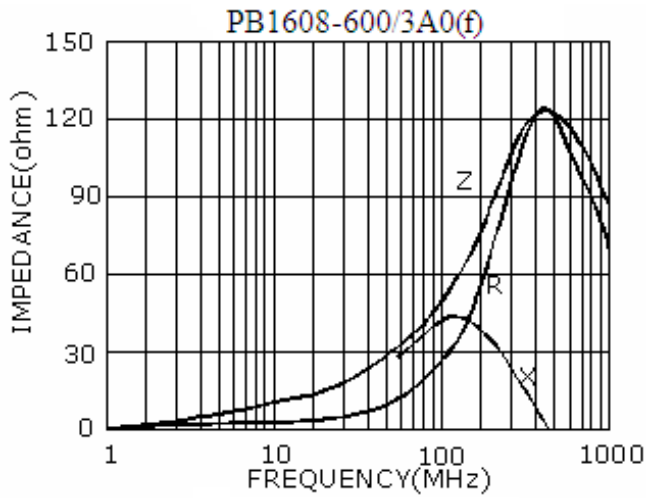
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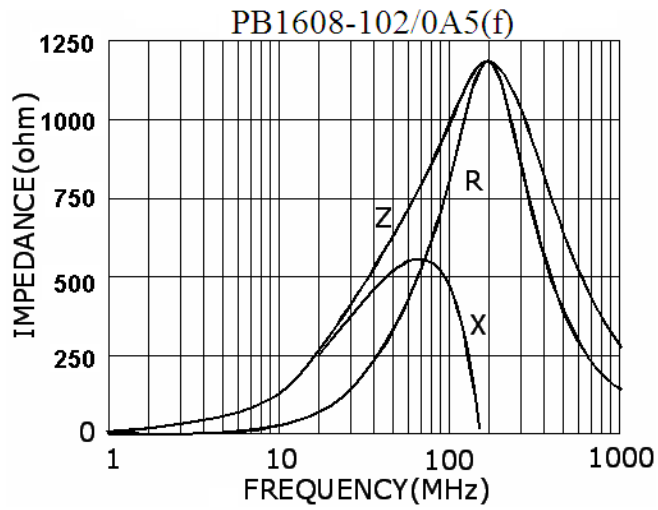
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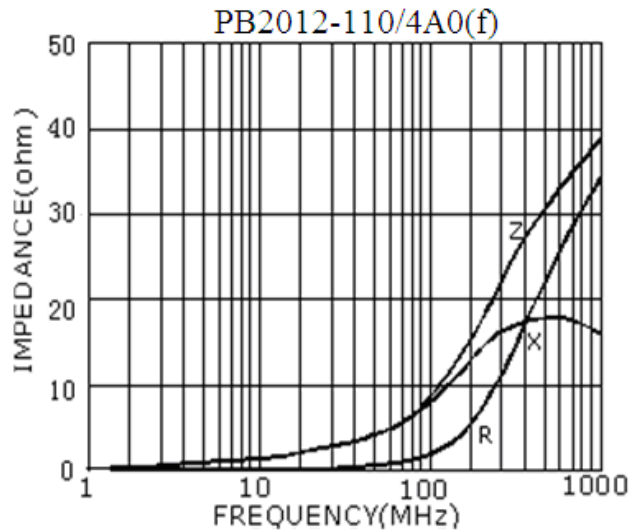
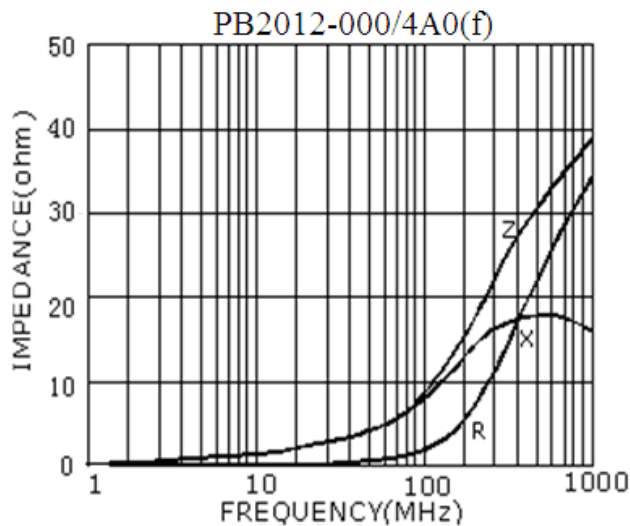


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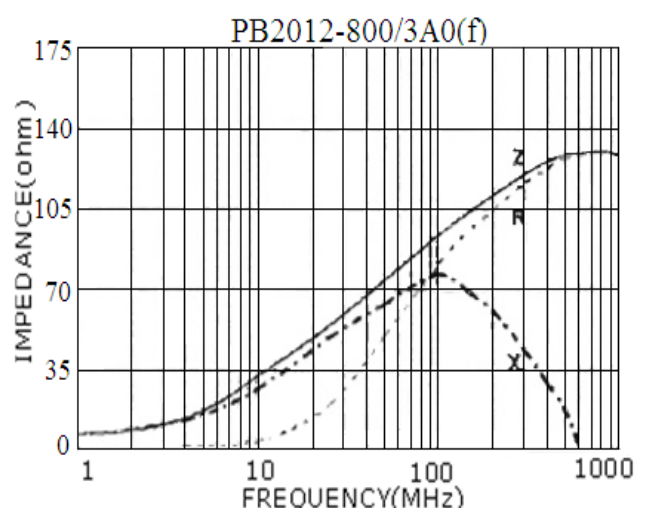
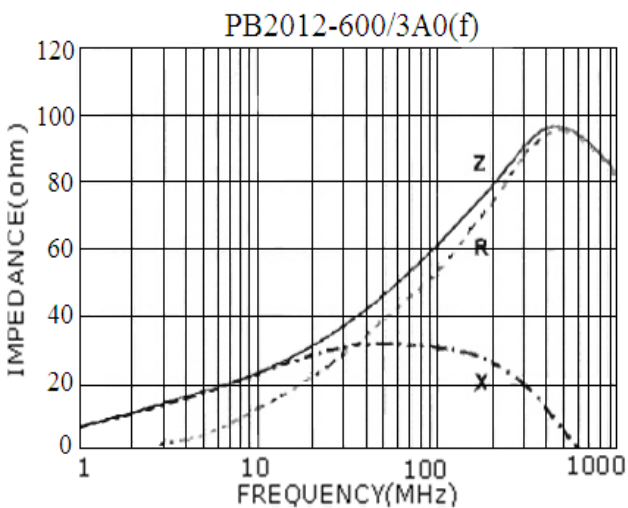
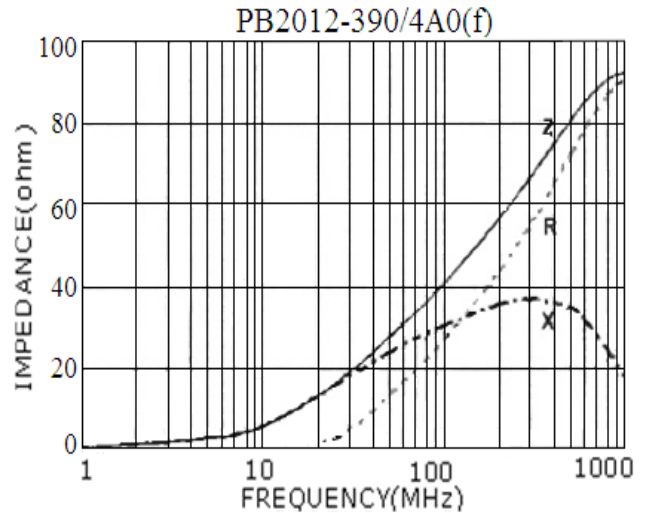
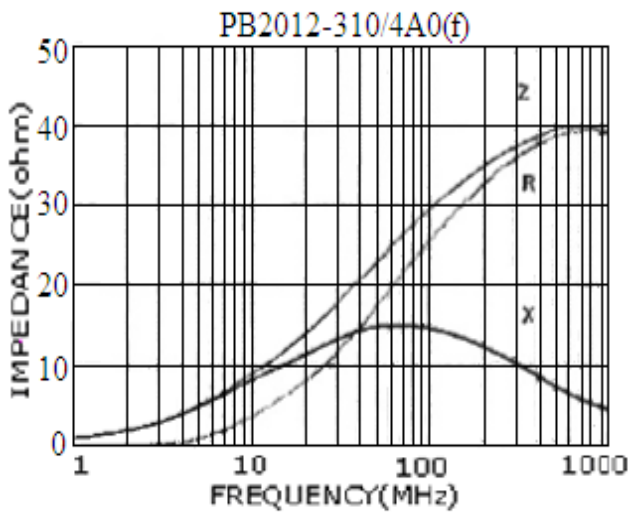
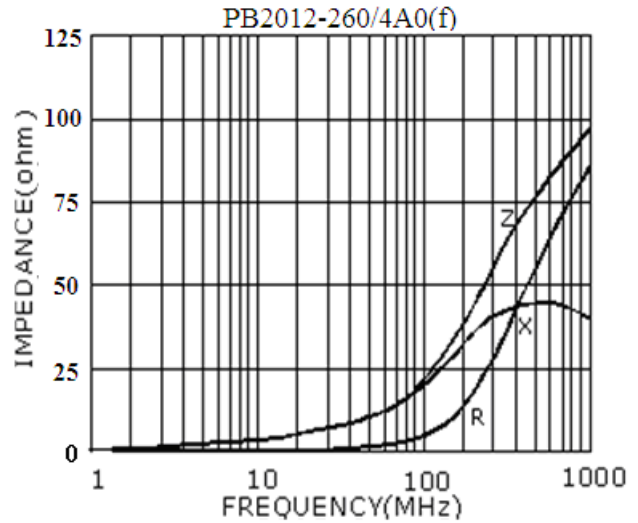
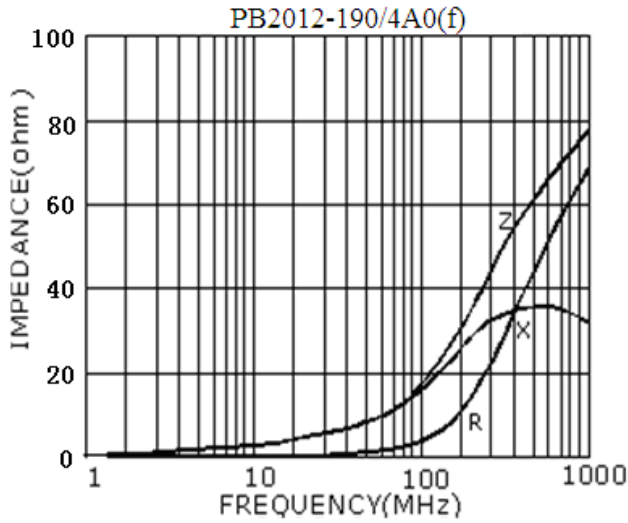
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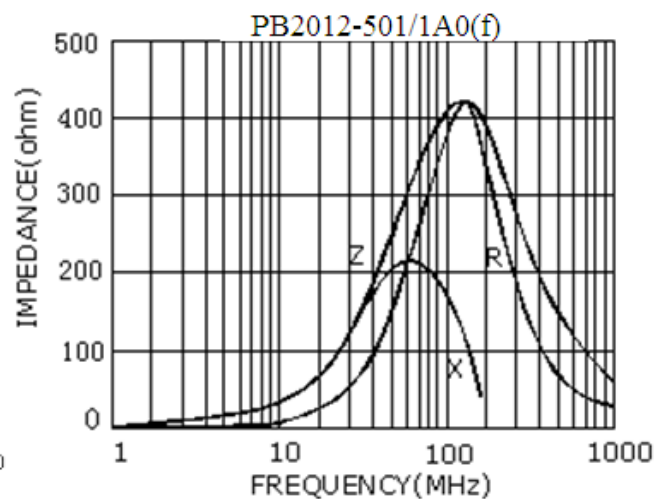
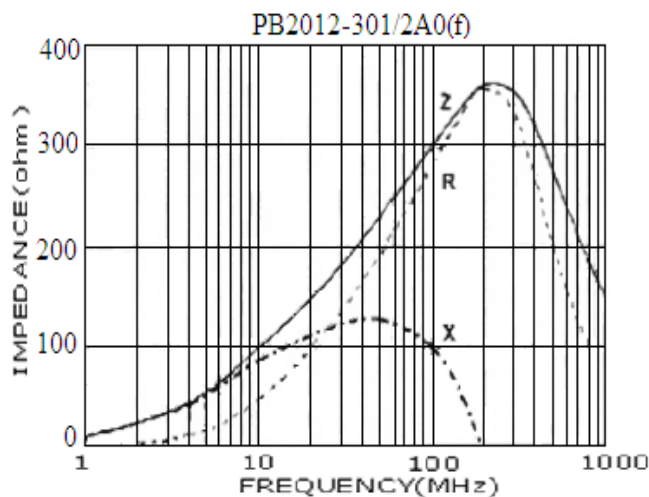
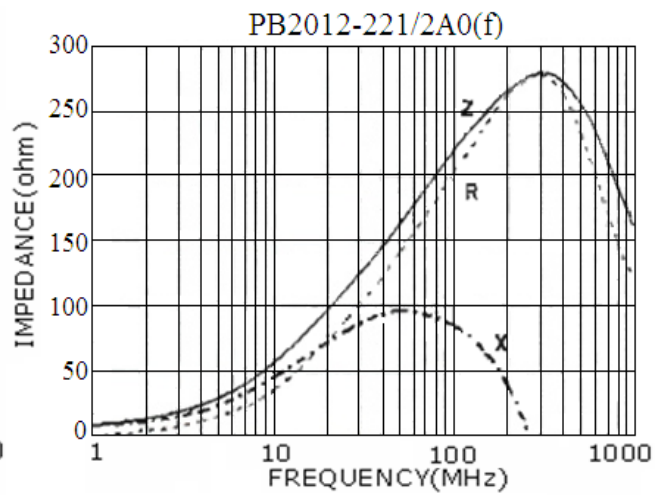
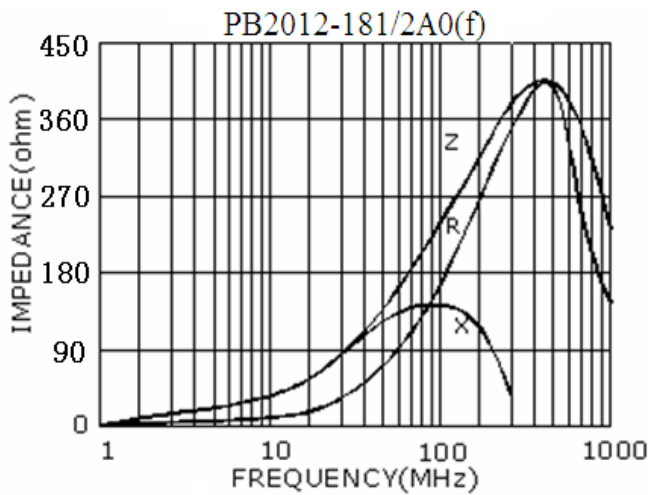
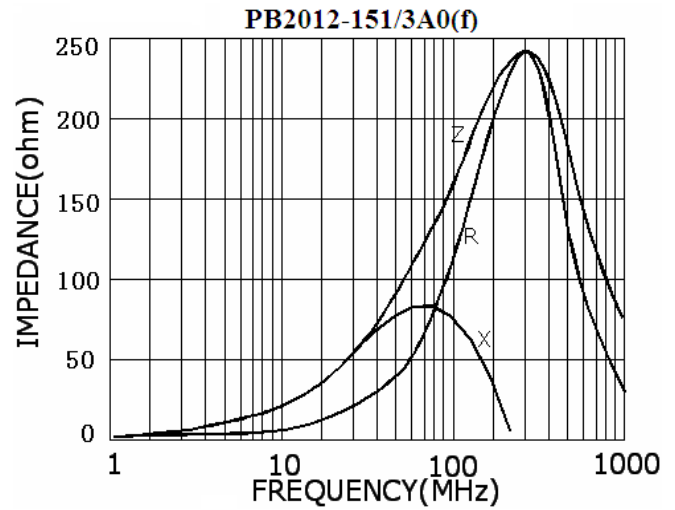
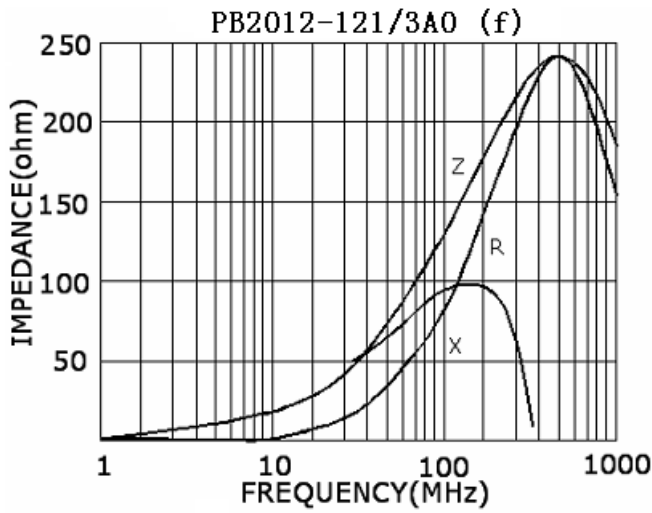
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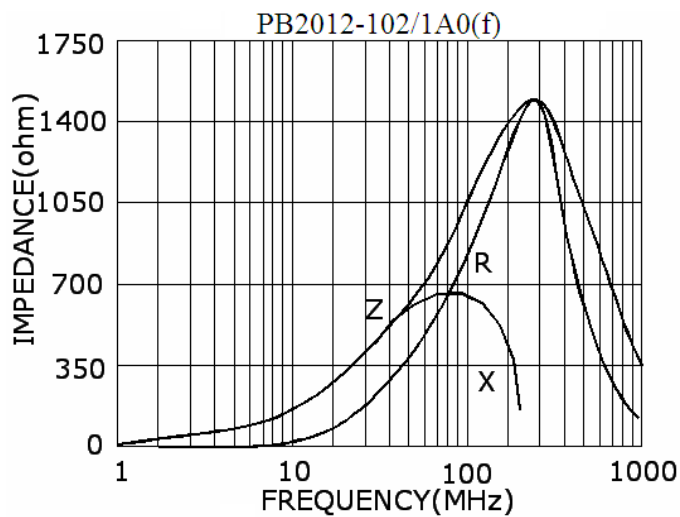
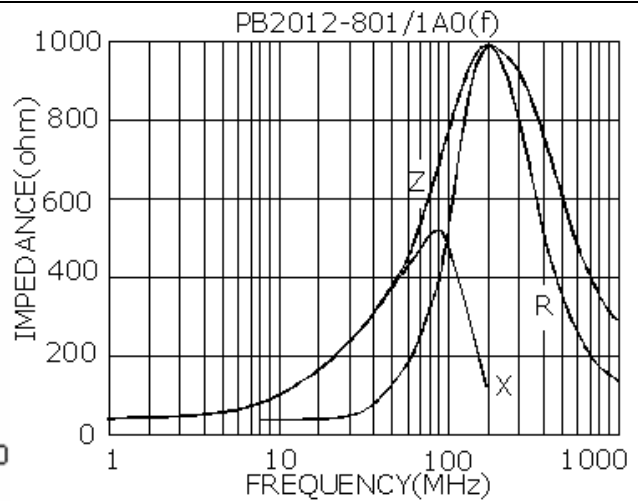
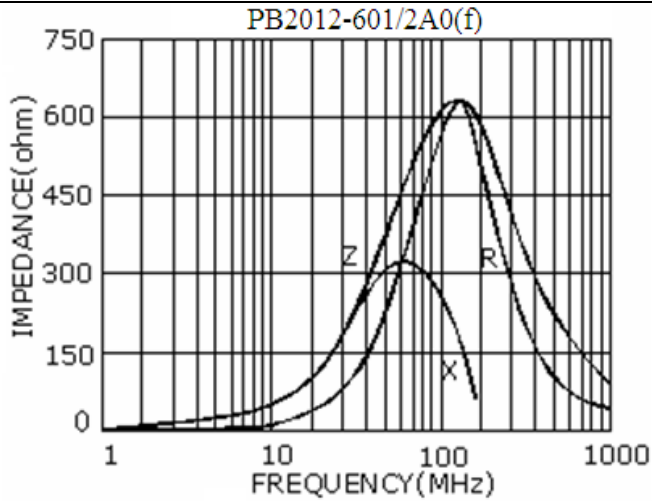
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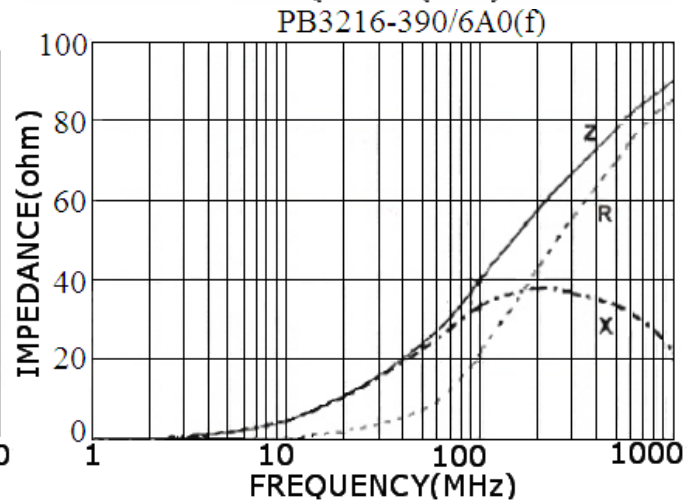
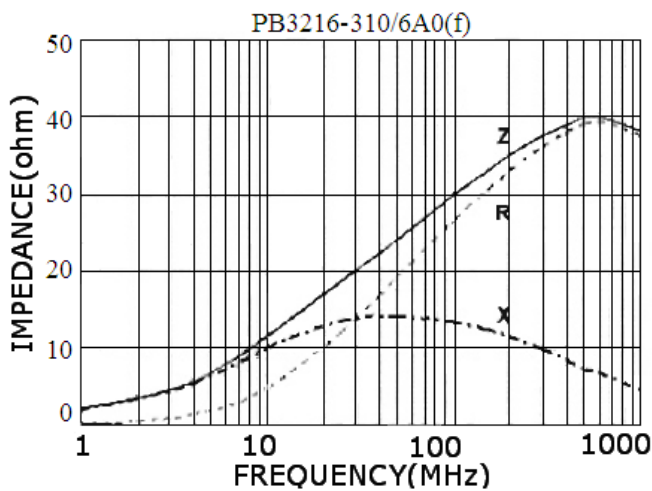
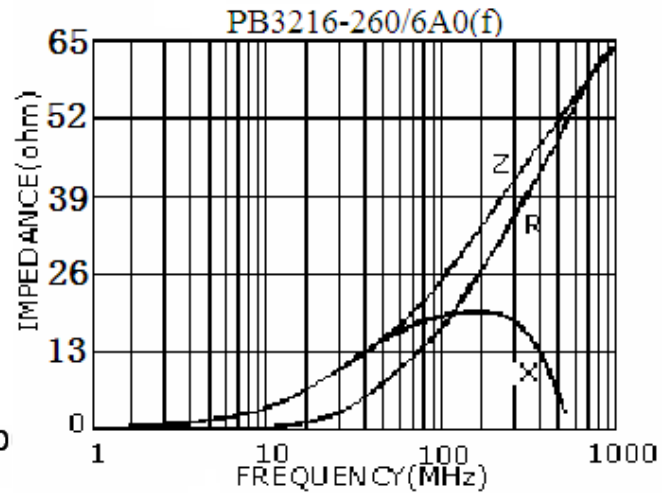
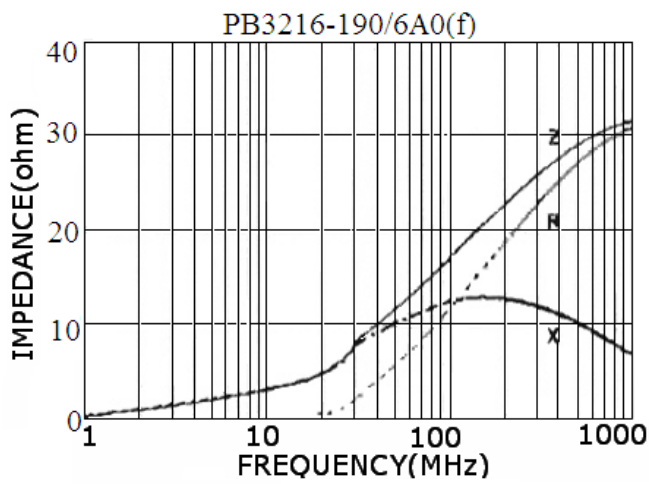
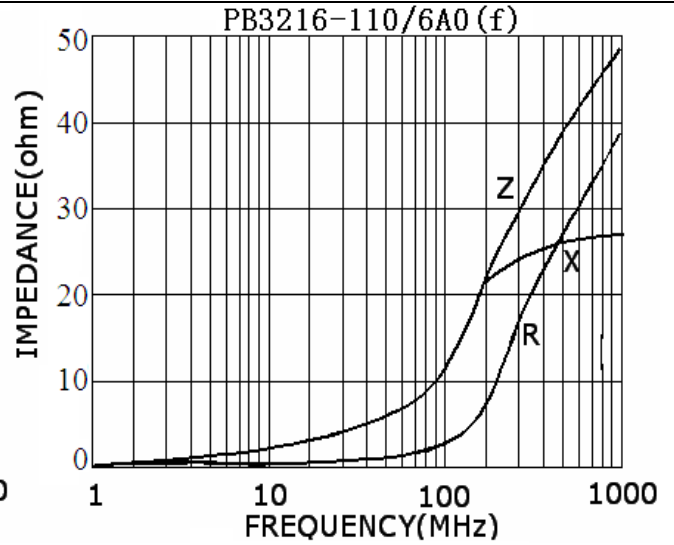
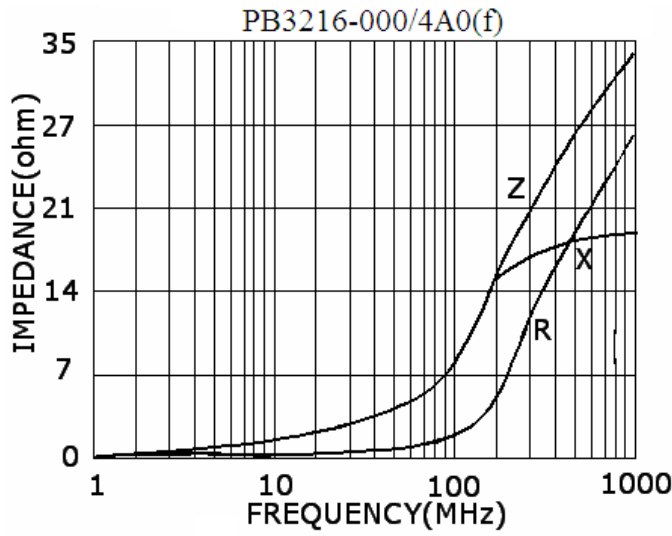
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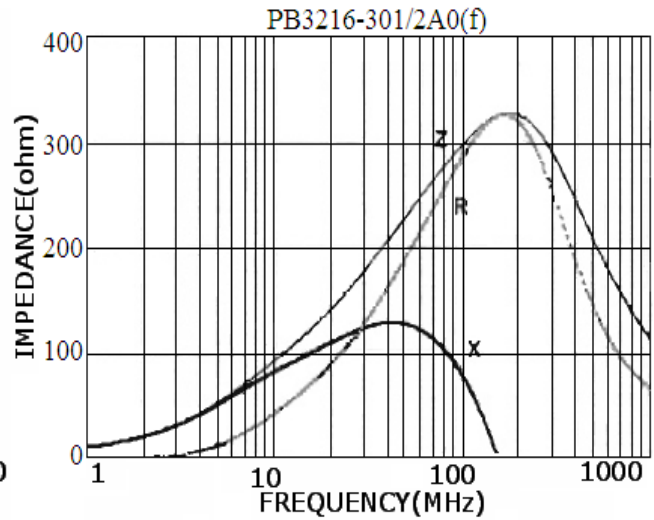
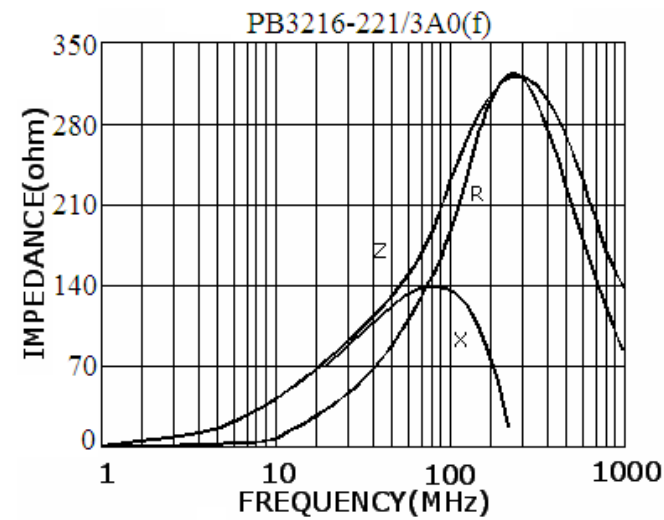
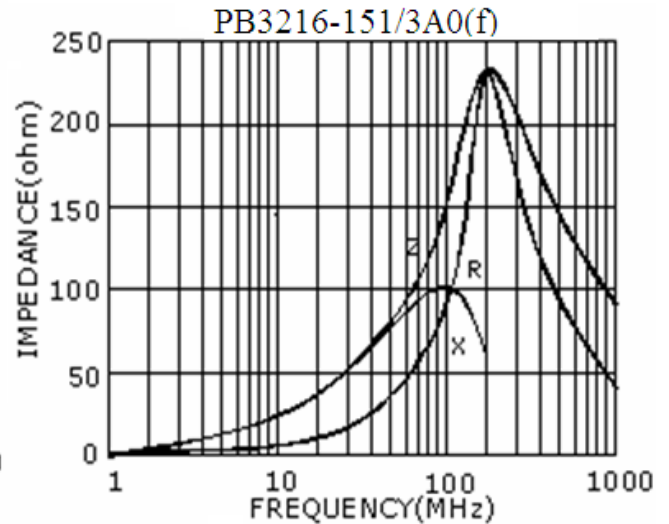
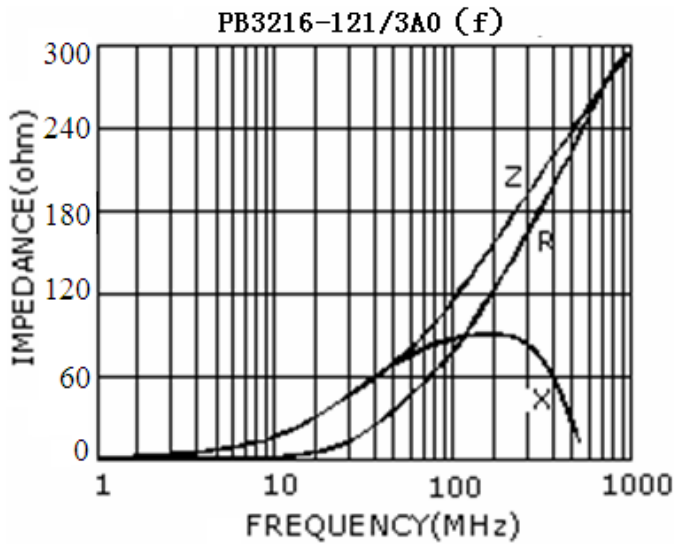
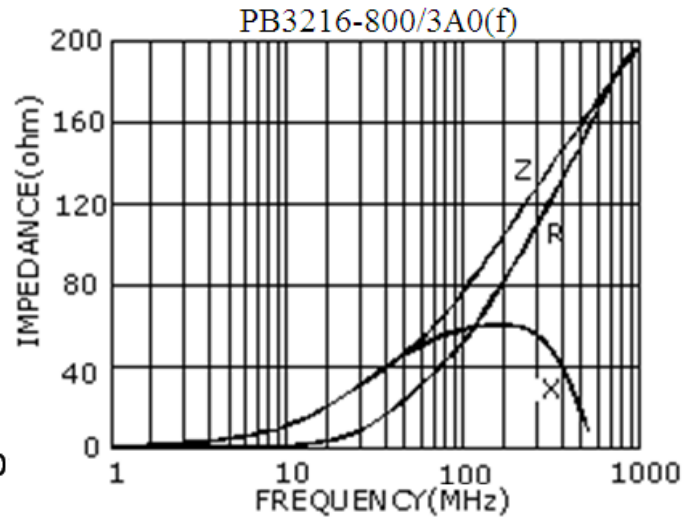
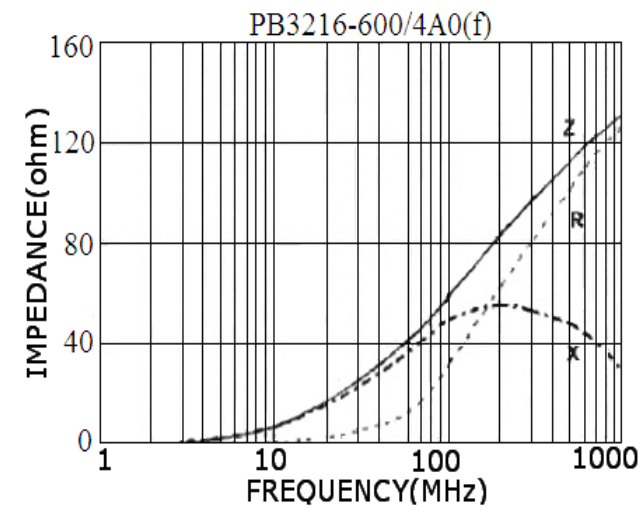
ADD: 4F,Bld.A,Zhenhua(Longhua)ProductionCenter,Qinghu,Rd,Heping,E., Longhua Town,Bao'an District
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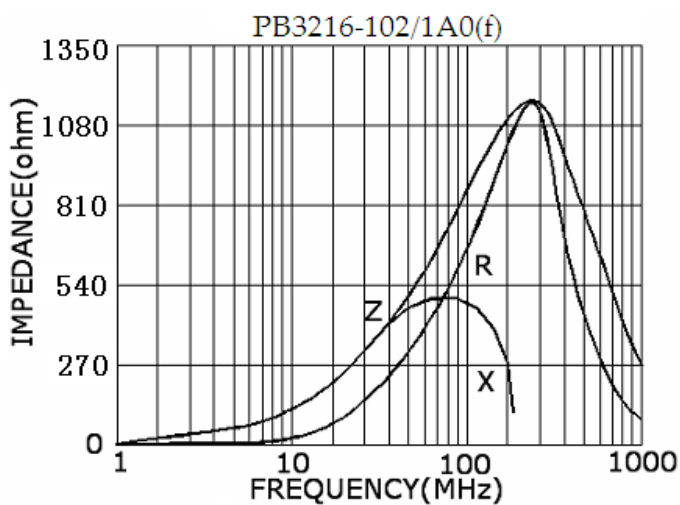
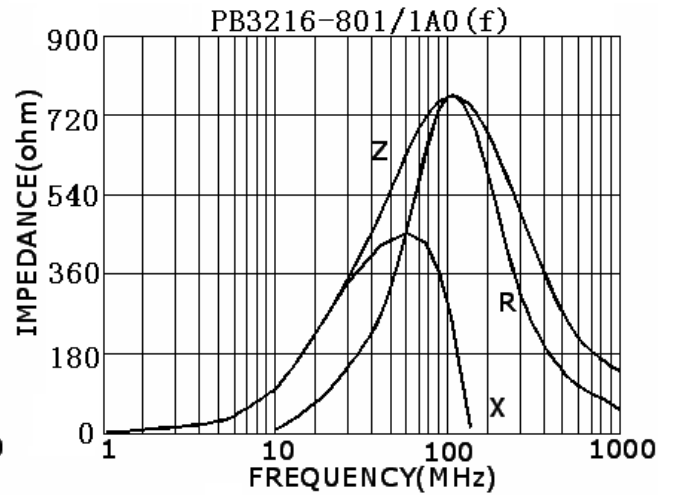
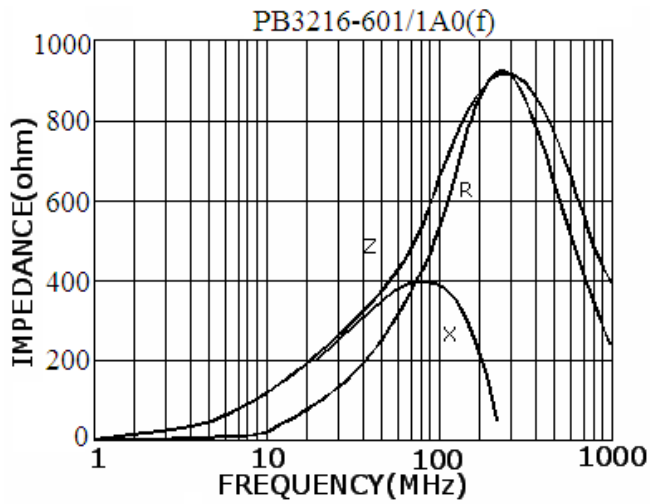
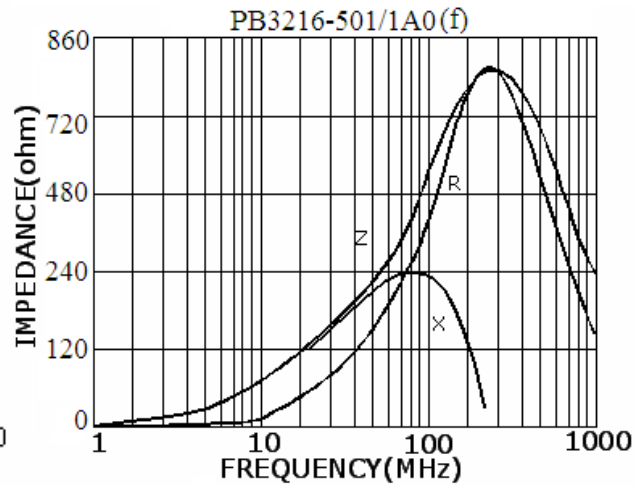
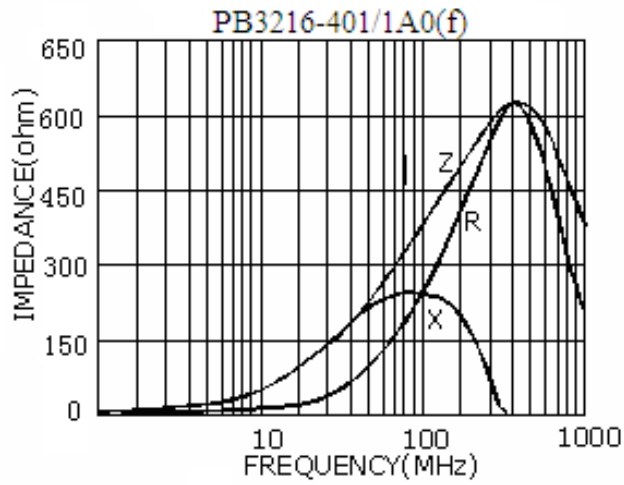
ADD: 4F,Bld.A,Zhenhua(Longhua)ProductionCenter,Qinghu,Rd,Heping,E., Longhua Town,Bao'an District
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