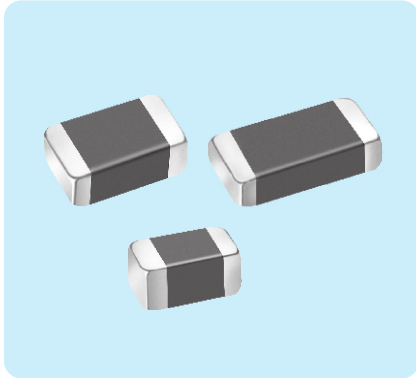


## PB Series Large Current Multilayer Ferrite Chip Beads

### PB系列大电流型铁氧体叠层片式磁珠



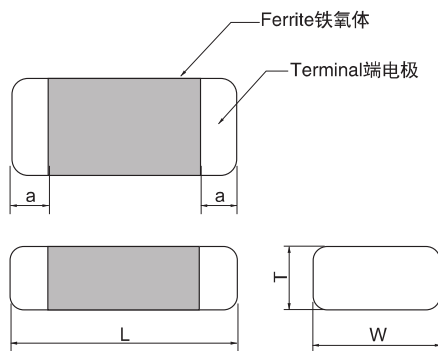
#### FEATURES 特性

- 可用于电源单元；
- 可承受大电流、低直流电阻、高可靠性；
- 在较宽的频率范围内抑制和消除电磁/射频干扰；
- 采用磁屏蔽结构，可实现小型化；
- 不必接地，电路设计自由度大；

#### APPLICATIONS 用途

- 电源线的辐射传导噪声对策；
- 数字信号整形和数据线的高频噪声对策；
- 要求消耗功率较小的便携设备；

#### SHAPE AND DIMENSIONS 外形尺寸



Unit:mm

Type	L (长)	W (宽)	T (厚)	a
1608 (0603)	1.6±0.15	0.8±0.15	0.8±0.15	0.3±0.2
2012 (0805)	2.0±0.2	1.25±0.2	0.85±0.15 1.25±0.2	0.4±0.2
3216 (1206)	3.2±0.2	1.6±0.2	0.85±0.2 1.1±0.3 1.6±0.3	0.5±0.3
3225 (1210)	3.2±0.2	2.5±0.2	1.3±0.3	0.5±0.3
4516 (1806)	4.5±0.2	1.6±0.2	1.6±0.3	0.5±0.3
4532 (1812)	4.5±0.2	3.2±0.2	1.5±0.3	0.5±0.3

注：括弧内代号为英制

## PART NUMBERING 规格编号

PB 3216 — 310 / 6A I (f)

① ② ③ ④ ⑤ ⑥

- ① Product symbol 系列代号:
- ② Dimensions 尺寸: Length长(L) X Width宽(W)
- ③ Impedance 阻抗: 300: 30Ω 601: 600Ω 102: 1000Ω
- ④ Rated Current 额定电流值, 单位为安培: 3A: 3安培; 6A: 6安培。
- 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

## SPECIFICATIONS 规格特性

## ● PB1608系列

产品型号规格 Part No.	阻抗 Impedance (Ω) ±25%	测试频率 Test Frequency (MHz)	直流电阻 DC resistance (Ω)Max	额定电流 Rated Current (mA)Max
PB1608-000/3A	≤10	100	0.020	3000
PB1608-000/4A	≤10	100	0.005	4000
PB1608-110/3A	11	100	0.020	3000
PB1608-110/4A	11	100	0.005	4000
PB1608-190/3A	19	100	0.030	3000
PB1608-260/3A	26	100	0.030	3000
PB1608-300/1A	30	100	0.075	1000
PB1608-310/3A	31	100	0.030	3000
PB1608-470/2A5	47	100	0.030	2500
PB1608-500/3A	50	100	0.030	3000
PB1608-600/1A	60	100	0.080	1000
PB1608-600/2A	60	100	0.045	2000
PB1608-600/3A	60	100	0.030	3000
PB1608-800/1A5	80	100	0.080	1500
PB1608-121/1A	121	100	0.100	1000
PB1608-121/3A	121	100	0.055	3000
PB1608-151/1A	151	100	0.100	1000
PB1608-151/2A	151	100	0.075	2000
PB1608-221/1A	220	100	0.150	1000
PB1608-221/2A	220	100	0.100	2000
PB1608-601/1A	600	100	0.250	1000
PB1608-102/0A5	1000	100	0.400	500

## SPECIFICATIONS 规格特性

## ● PB2012系列

产品型号规格 Part No.	阻抗 Impedance ( $\Omega$ ) $\pm 25\%$	测试频率 Test Frequency (MHz)	直流电阻 DC resistance ( $\Omega$ )Max	额定电流 Rated Current (mA)Max
PB2012-000/4A	$\leq 10$	100	0.005	4000
PB2012-110/4A	11	100	0.015	4000
PB2012-110/6A	11	100	0.005	6000
PB2012-190/4A	19	100	0.015	4000
PB2012-260/4A	26	100	0.015	4000
PB2012-310/4A	31	100	0.015	4000
PB2012-310/6A	31	100	0.005	6000
PB2012-390/4A	39	100	0.020	4000
PB2012-600/3A	60	100	0.040	3000
PB2012-800/3A	80	100	0.040	3000
PB2012-121/2A	120	100	0.060	2000
PB2012-121/3A	120	100	0.040	3000
PB2012-151/2A	150	100	0.060	2000
PB2012-151/3A	150	100	0.040	3000
PB2012-181/2A	180	100	0.060	2000
PB2012-181/3A	180	100	0.045	3000
PB2012-221/2A	220	100	0.060	2000
PB2012-221/3A	220	100	0.045	3000
PB2012-301/1A	300	100	0.120	1000
PB2012-301/2A	300	100	0.060	2000
PB2012-301/3A	300	100	0.050	3000
PB2012-501/1A	500	100	0.200	1000
PB2012-501/2A	500	100	0.120	2000
PB2012-601/2A	600	100	0.120	2000
PB2012-601/2A5	600	100	0.125	2500
PB2012-801/1A	800	100	0.200	1000
PB2012-102/1A	1000	100	0.220	1000

## SPECIFICATIONS 规格特性

## ● PB3216系列

产品型号规格 Part No.	阻抗 Impedance ( $\Omega$ ) $\pm 25\%$	测试频率 Test Frequency (MHz)	直流电阻 DC resistance ( $\Omega$ )Max	额定电流 Rated Current (mA)Max
PB3216-000/6A	$\leq 10$	100	0.005	6000
PB3216-110/6A	11	100	0.005	6000
PB3216-190/4A	19	100	0.010	4000
PB3216-190/6A	19	100	0.005	6000
PB3216-260/6A	26	100	0.005	6000
PB3216-310/6A	31	100	0.005	6000
PB3216-390/6A	39	100	0.005	6000
PB3216-600/4A	60	100	0.010	4000
PB3216-600/6A	60	100	0.006	6000
PB3216-800/3A	80	100	0.030	3000
PB3216-800/4A	80	100	0.018	4000
PB3216-121/1A	120	100	0.150	1000
PB3216-121/2A	120	100	0.080	2000
PB3216-121/3A	120	100	0.030	3000
PB3216-151/1A	150	100	0.150	1000
PB3216-151/2A	150	100	0.080	2000
PB3216-151/3A	150	100	0.040	3000
PB3216-221/1A	220	100	0.150	1000
PB3216-221/2A	220	100	0.080	2000
PB3216-221/3A	220	100	0.040	3000
PB3216-301/1A	300	100	0.150	1000
PB3216-301/2A	300	100	0.100	2000
PB3216-301/3A	300	100	0.070	3000
PB3216-401/1A	400	100	0.150	1000
PB3216-401/2A	400	100	0.090	2000
PB3216-501/1A	500	100	0.150	1000
PB3216-501/2A	500	100	0.100	2000
PB3216-601/1A	600	100	0.150	1000
PB3216-601/2A5	600	100	0.100	2500
PB3216-801/1A	800	100	0.180	1000
PB3216-102/1A	1000	100	0.180	1000

## SPECIFICATIONS 规格特性

## ● PB3225系列

产品型号规格 Part No.	阻抗 Impedance ( $\Omega$ ) $\pm 25\%$	测试频率 Test Frequency (MHz)	直流电阻 DC resistance ( $\Omega$ )Max	额定电流 Rated Current (mA)Max
PB3225-310/6A	31	100	0.005	6000
PB3225-600/6A	60	100	0.005	6000
PB3225-700/3A	70	100	0.035	3000
PB3225-800/2A	80	100	0.040	2000
PB3225-900/2A	90	100	0.040	2000
PB3225-121/2A	120	100	0.040	2000
PB3225-151/2A	150	100	0.040	2000
PB3225-221/2A	220	100	0.040	2000
PB3225-301/1A	300	100	0.150	1000
PB3225-301/2A	300	100	0.060	2000
PB3225-501/2A	500	100	0.060	2000
PB3225-601/2A	600	100	0.060	2000
PB3225-751/2A	750	100	0.060	2000

## ● PB4516系列

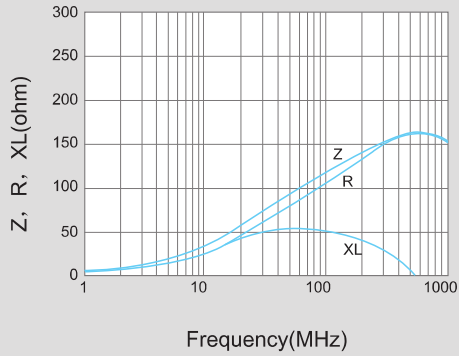
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PB4516-600/6A	60	100	0.005	6000
PB4516-800/4A	80	100	0.025	4000
PB4516-101/3A	100	100	0.035	3000
PB4516-121/3A	120	100	0.035	3000
PB4516-151/2A	150	100	0.045	2000

## ● PB4532系列

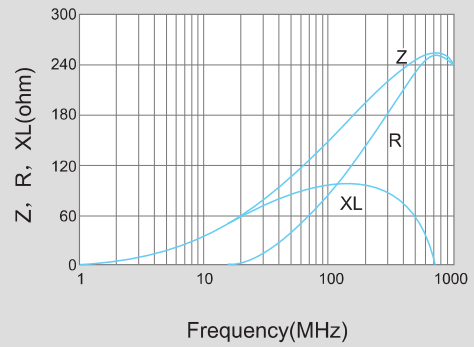
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PB4532-600/6A	60	100	0.005	6000
PB4532-600/9A	60	100	0.003	9000
PB4532-800/6A	80	100	0.005	6000
PB4532-101/4A	100	100	0.015	4000
PB4532-121/3A	120	100	0.020	3000
PB4532-151/3A	150	100	0.025	3000
PB4532-221/3A	220	100	0.035	3000
PB4532-301/3A	300	100	0.035	3000
PB4532-501/2A	500	100	0.080	2000
PB4532-601/2A	600	100	0.080	2000

## TYPICAL ELECTRICAL CHARACTERISTICS 电气特性

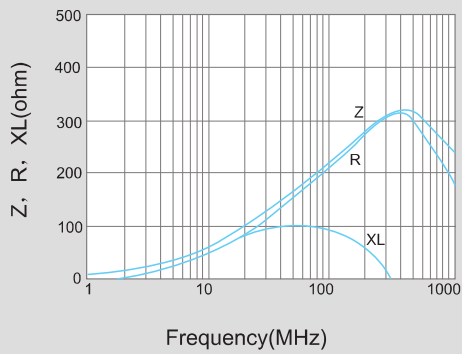
PB1608-121



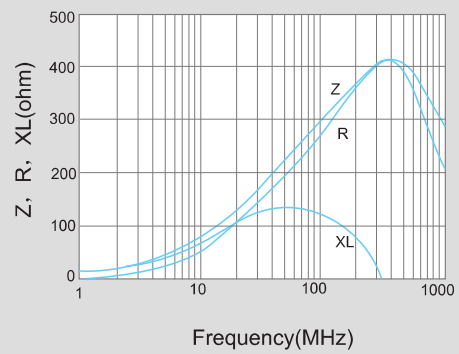
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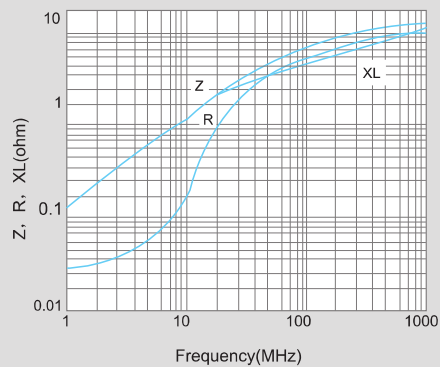
PB1608-221



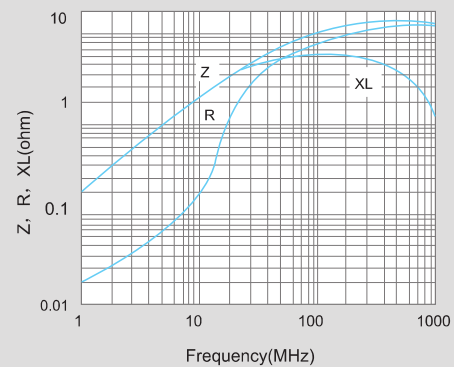
PB1608-301



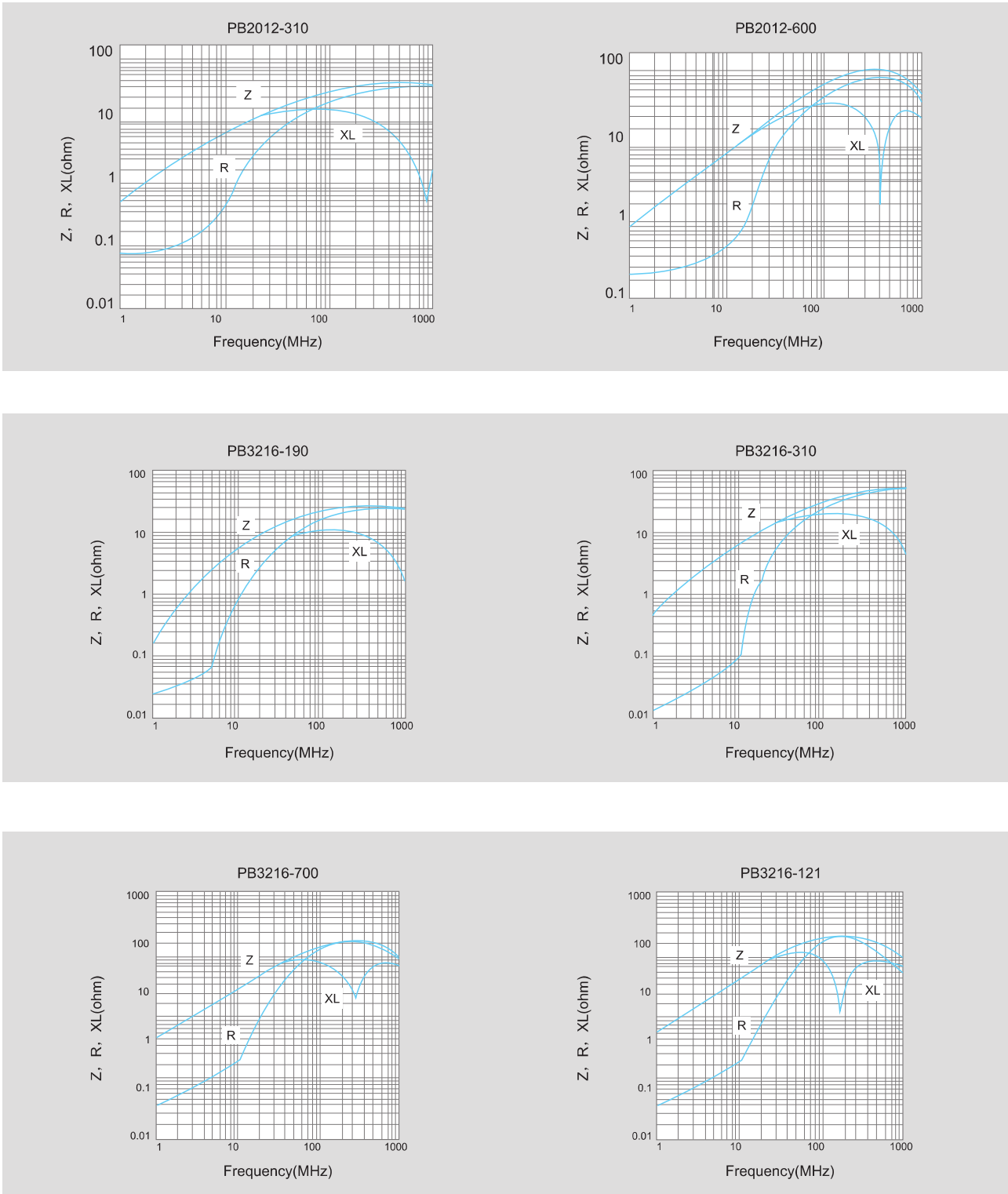
PB2012-000



PB2012-110



## TYPICAL ELECTRICAL CHARACTERISTICS 电气特性



## TYPICAL ELECTRICAL CHARACTERISTICS 电气特性

