

PB系列叠层片式磁珠

★ 特征与用途

FEATURES AND APPLICATIONS

- 在较宽频率范围内具有优良的抑制EMI性能
- 内部印有银电极的叠层结构，铁氧体屏蔽无串扰
- 具有优良的焊接性能
- 具有比传统大电流磁珠更小的直流电阻和更大的耐电流特性
- 广泛应用于电子设备的电源线或大电流信号线的噪声抑制
- 参照GJB 1864A-2011、Q/XEC 20136-2017



★ 产品型号

PRODUCT IDENTIFICATION

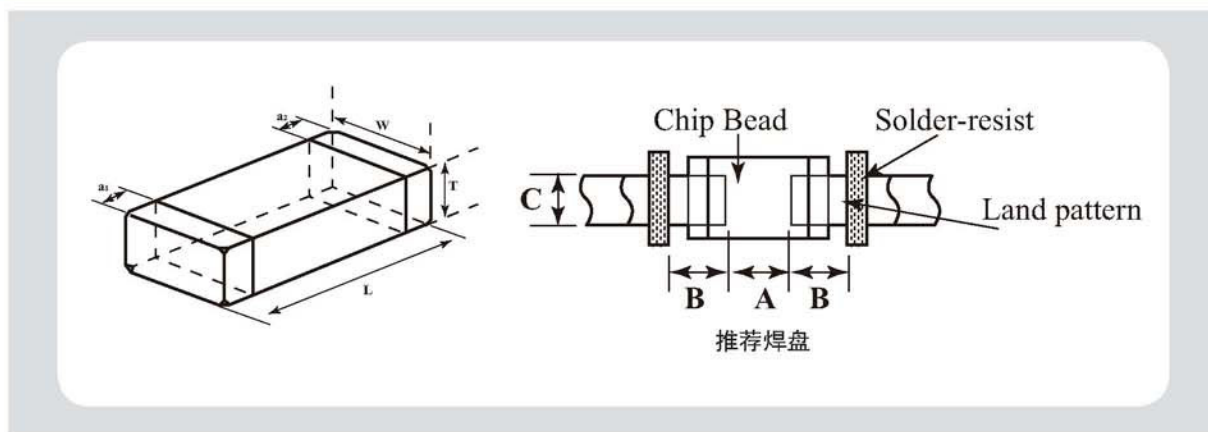
PB 1608 - 121 / 1A

① — ② — ③ — ④

- ① PB系列叠层片式磁珠
- ② 产品外形尺寸：长×宽
- ③ 阻抗值：300表示30Ω；121表示120Ω；102表示1000Ω
- ④ 额定电流值：1A表示1A；1A5表示1.5A

★ 外观尺寸

SHAPE AND DIMENSIONS



单位：mm

型号	L	W	T	a1、a2	A	B	C
PB1005	1.00±0.15	0.50±0.15	0.50±0.15	0.25±0.10	0.45 ~ 0.55	0.40 ~ 0.50	0.45 ~ 0.55
PB1608	1.60±0.15	0.80±0.15	0.8±0.15	0.30±0.20	0.60 ~ 0.80	0.60 ~ 0.80	0.60 ~ 0.80
PB2012	2.00 (+0.30, -0.10)	1.25±0.20	0.85±0.2	0.50±0.30	0.80 ~ 1.20	0.80 ~ 1.20	0.90 ~ 1.60
PB3216	3.20±0.20	1.60±0.20	0.85±0.20	0.50±0.30	1.80 ~ 2.50	1.00 ~ 1.50	1.20 ~ 2.00
PB4516	4.50±0.20	1.60±0.20	1.60±0.20	0.50±0.30	2.80 ~ 3.20	1.25 ~ 1.75	0.90 ~ 1.60

★ 规格特性

SPECIFICATIONS

● PB1005 TYPE

型号	阻抗 (Ω)	阻抗偏差	阻抗测试频率 (MHz)	直流电阻 Max (Ω)	额定电流 Max (mA)
PB1005-100/2A0	0-30	/	100	0.045	2000
PB1005-221/0A6	220	$\pm 25\%$	100	0.18	600
PB1005-221/0A9	220	$\pm 25\%$	100	0.16	900
PB1005-300/1A7	30	$\pm 25\%$	100	0.05	1700
PB1005-471/0A5	470	$\pm 25\%$	100	0.300	500
PB1005-600/1A5	60	$\pm 25\%$	100	0.075	1500
PB1005-700/0A8	70	$\pm 25\%$	100	0.1	800

● PB1608 TYPE

型号	阻抗 (Ω)	阻抗偏差	阻抗测试频率 (MHz)	直流电阻 Max (Ω)	额定电流 Max (mA)
PB1608-190/3A	19	$\pm 25\%$	100	0.03	3000
PB1608-300/3A	30	$\pm 25\%$	100	0.03	3000
PB1608-470/3A	47	$\pm 25\%$	100	0.03	3000
PB1608-600/3A	60	$\pm 25\%$	100	0.03	3000
PB1608-800/2A	80	$\pm 25\%$	100	0.05	2000
PB1608-121/1A	120	$\pm 25\%$	100	0.1	1000
PB1608-121/2A	120	$\pm 25\%$	100	0.05	2000
PB1608-121/3A	120	$\pm 25\%$	100	0.03	3000

● PB2012 TYPE

型号	阻抗 (Ω)	阻抗偏差	阻抗测试频率 (MHz)	直流电阻 Max (Ω)	额定电流 Max (mA)
PB2012-300/3A	30	$\pm 25\%$	100	0.2	3000
PB2012-300/4A	30	$\pm 25\%$	100	0.015	4000
PB2012-310/3A	31	$\pm 25\%$	100	0.2	3000
PB2012-390/4A	39	$\pm 25\%$	100	0.2	4000
PB2012-600/4A	60	$\pm 25\%$	100	0.02	4000
PB2012-800/3A	80	$\pm 25\%$	100	0.04	3000
PB2012-800/4A	80	$\pm 25\%$	100	0.02	4000
PB2012-101/3A	100	$\pm 25\%$	100	0.04	3000
PB2012-121/2A	120	$\pm 25\%$	100	0.05	2000
PB2012-121/3A	120	$\pm 25\%$	100	0.03	3000
PB2012-151/2A	150	$\pm 25\%$	100	0.05	2000
PB2012-221/3A	220	$\pm 25\%$	100	0.04	3000
PB2012-601/1A	600	$\pm 25\%$	100	0.2	1000
PB2012-601/2A	600	$\pm 25\%$	100	0.09	2000

★ 规格特性

SPECIFICATIONS

● PB3216 TYPE

型号	阻抗 (Ω)	阻抗偏差	阻抗测试频率 (MHz)	直流电阻 Max (Ω)	额定电流 Max (mA)
PB3216-400/3A	40	$\pm 25\%$	100	0.02	3000
PB3216-500/2A	50	$\pm 25\%$	100	0.05	2000
PB3216-500/3A	50	$\pm 25\%$	100	0.02	3000
PB3216-500/4A	50	$\pm 25\%$	100	0.02	4000
PB3216-600/2A	60	$\pm 25\%$	100	0.05	2000
PB3216-600/3A	60	$\pm 25\%$	100	0.03	3000
PB3216-600/4A	60	$\pm 25\%$	100	0.025	4000
PB3216-700/3A	70	$\pm 25\%$	100	0.03	3000
PB3216-800/2A	80	$\pm 25\%$	100	0.05	2000
PB3216-800/3A	80	$\pm 25\%$	100	0.03	3000
PB3216-101/1A	100	$\pm 25\%$	100	0.1	1000
PB3216-101/2A	100	$\pm 25\%$	100	0.05	2000
PB3216-101/3A	100	$\pm 25\%$	100	0.03	3000
PB3216-121/1A	120	$\pm 25\%$	100	0.1	1000
PB3216-121/2A	120	$\pm 25\%$	100	0.05	2000
PB3216-121/3A	120	$\pm 25\%$	100	0.03	3000
PB3216-151/2A	150	$\pm 25\%$	100	0.07	2000
PB3216-151/3A	150	$\pm 25\%$	100	0.03	3000
PB3216-221/2A	220	$\pm 25\%$	100	0.08	2000
PB3216-501/2A	500	$\pm 25\%$	100	0.07	2000
PB3216-601/2A	600	$\pm 25\%$	100	0.1	2000

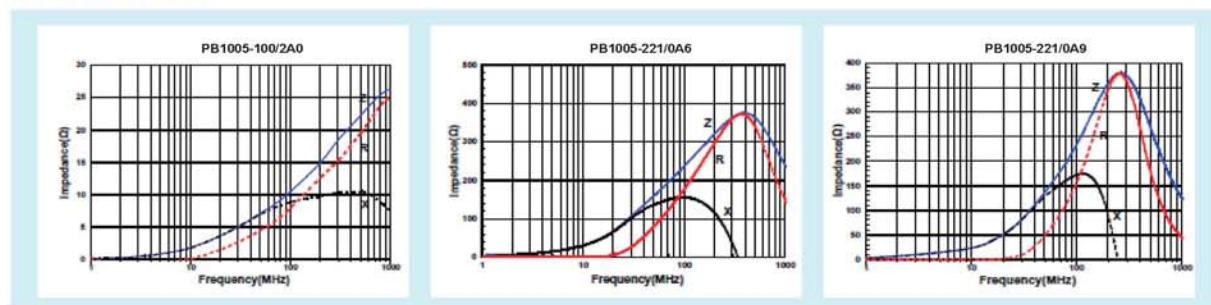
● PB4516 TYPE

型号	阻抗 (Ω)	阻抗偏差	阻抗测试频率 (MHz)	直流电阻 Max (Ω)	额定电流 Max (mA)
PB4516-750/3A	75	$\pm 25\%$	100	0.03	3000
PB4516-102/1A5	1000	$\pm 25\%$	100	0.09	1500

★ 电气特性

TYPICAL ELECTRICAL CHARACTERISTICS

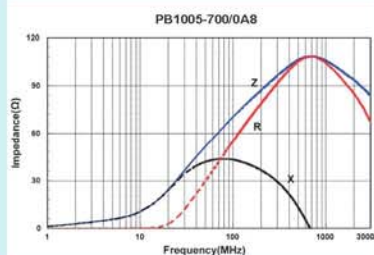
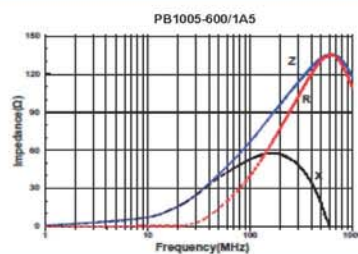
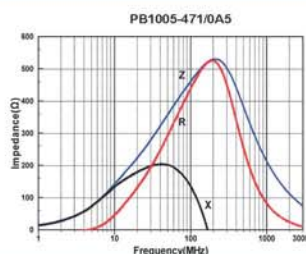
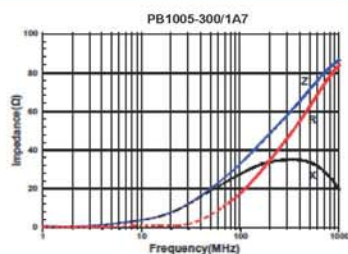
● PB1005 Series



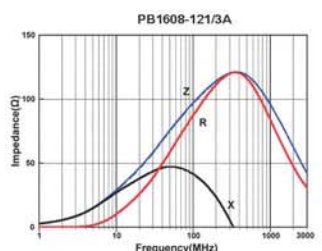
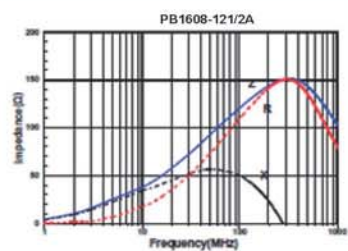
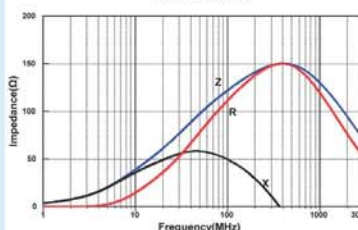
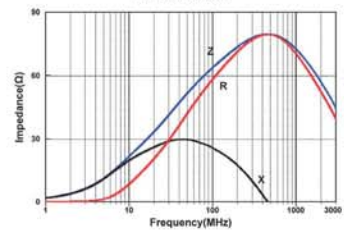
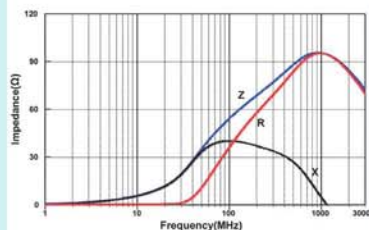
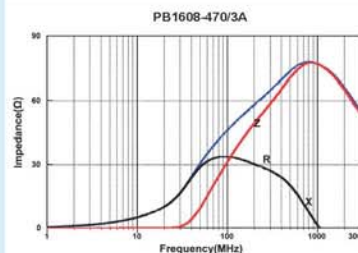
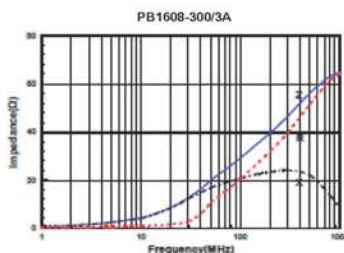
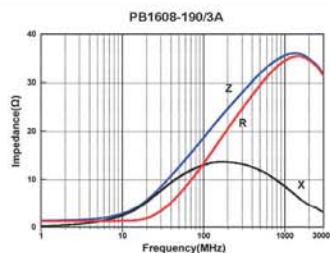
★ 电气特性

TYPICAL ELECTRICAL CHARACTERISTICS

● PB1005 Series



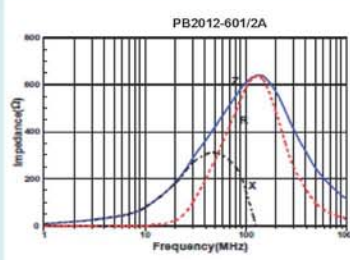
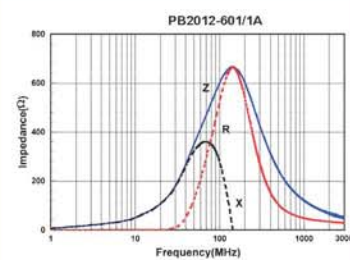
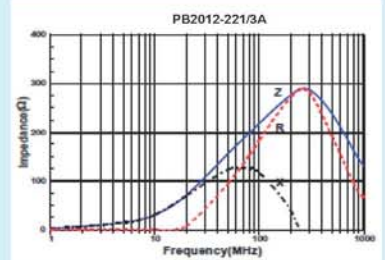
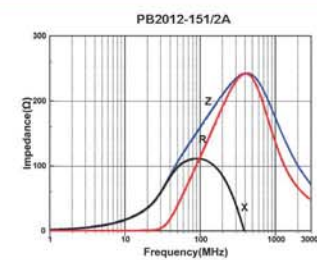
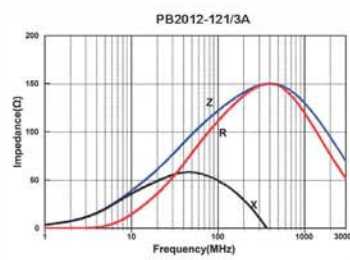
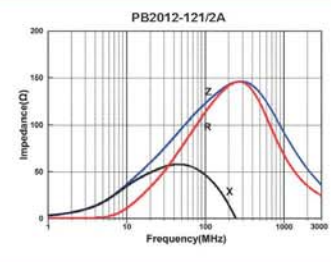
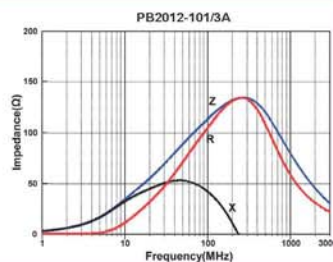
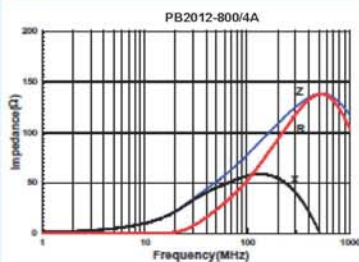
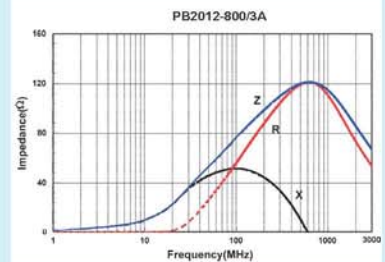
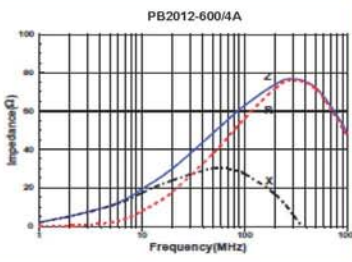
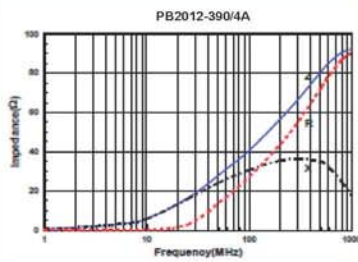
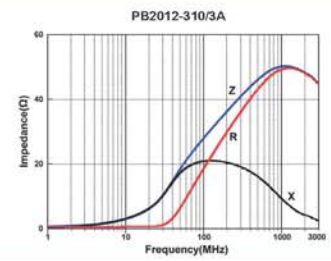
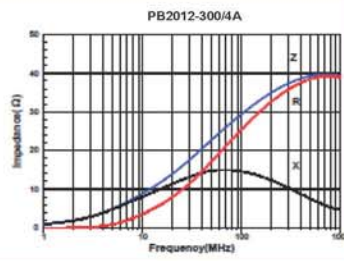
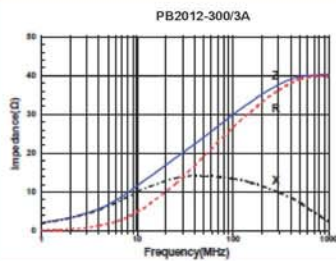
● PB1608 Series



★ 电气特性

TYPICAL ELECTRICAL CHARACTERISTICS

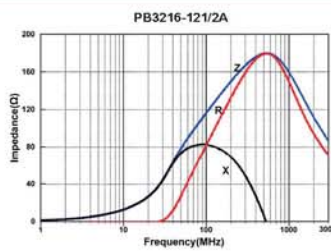
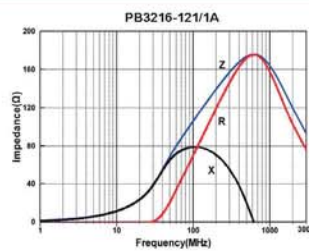
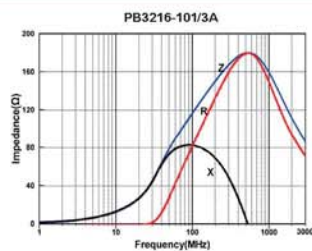
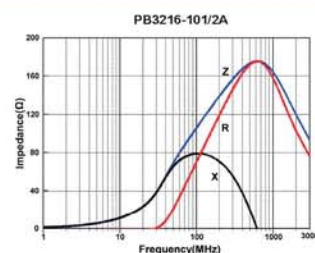
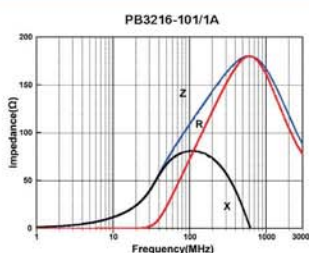
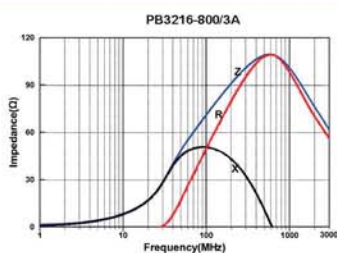
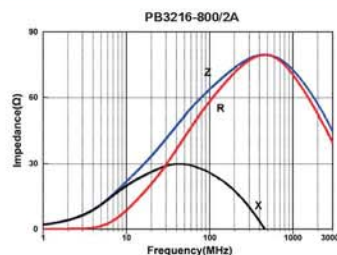
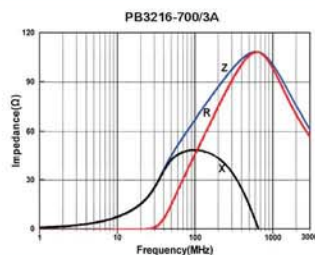
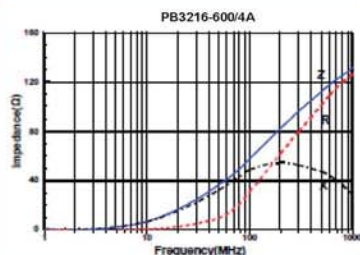
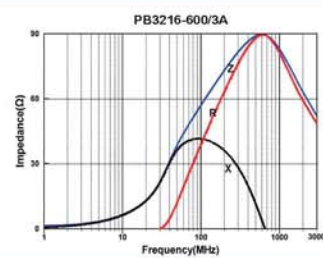
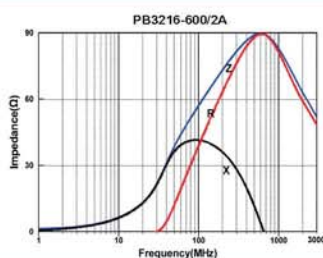
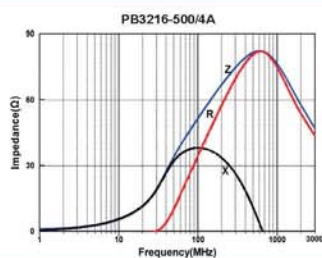
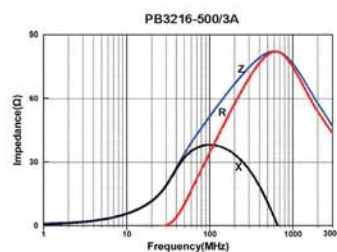
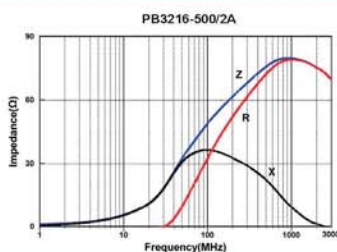
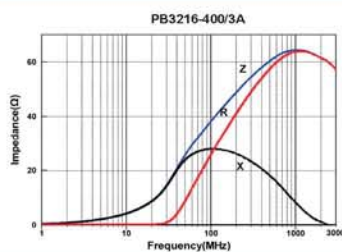
● PB2012 Series



★ 电气特性

TYPICAL ELECTRICAL CHARACTERISTICS

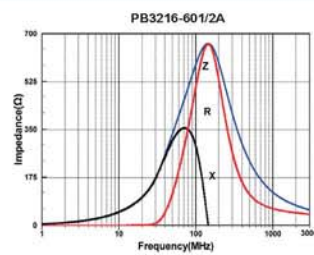
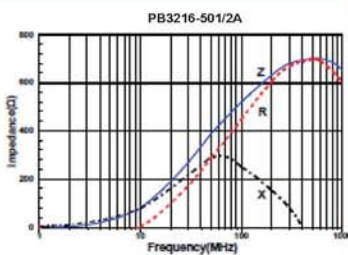
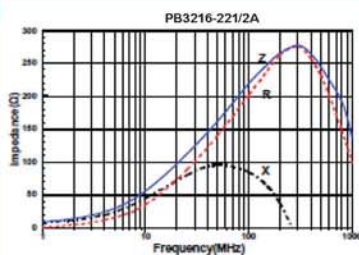
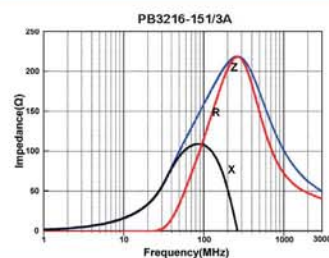
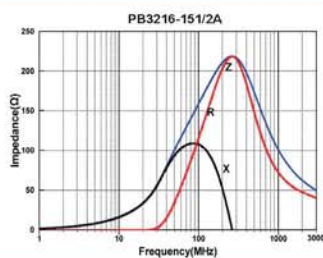
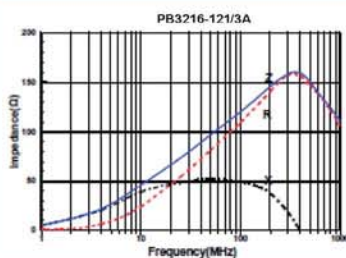
● PB3216 Series



★ 电气特性

TYPICAL ELECTRICAL CHARACTERISTICS

● PB3216 Series



● PB4516 Series

