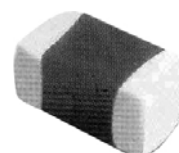


叠层片式铁氧体磁珠—PZ 系列

Multilayer Chip Ferrite Bead – PZ Series

Operating Temp. : -40℃~ +85℃



特征

- 内部印有银电极的叠层结构，铁氧体屏蔽无串扰
- 具有较大的额定电流，允许的最大电流为 6A
- 在较宽的频率范围内具有优良的 EMI 抑制效果
- 两种铁氧体材料、阻抗范围宽，适用于不同的电子线路

FEATURES

- Internal silver printed layers and magnetic shielded structures to minimize crosstalk
- Large withstand voltage (allowable current: up to 6A)
- Can be used in a wide range of frequency to suppress EMI
- Two types material and wide range of impedance values for various applications

用途

- 电脑及周边设备, DVD、照相机、LCD TV 等音视频设备，通讯设备，办公自动化等电子设备的电源线或大电流信号线的噪声抑制

APPLICATIONS

- Noise suppression for power line or large current signal of electric equipments such as computer and its peripheral devices, DVD camera, LCD TV, communication equipments, OA equipments, etc.

产品型号

PRODUCT IDENTIFICATION

PZ

①

①

分类 Type	
PZ	片式铁氧体大电流磁珠 Chip Ferrite Bead For Large Current

1608

②

U

③

②

外形尺寸(L×W) (mm) External Dimensions (L×W) (mm)	
1005 [0402]	1.0×0.5
1608 [0603]	1.6×0.8
2012 [0805]	2.0×1.25
3216 [1206]	3.2×1.6

121

④

④

公称阻抗值 Nominal Impedance	
Example	Nominal Value
300	30Ω
121	120Ω
102	1000Ω

-1R0

⑤

⑤

额定电流值 Rated Current	
1R0	1.0A
2R5	2.5A
R60	0.6A

I

⑥

③

材料代号 Material Code	
D, U	

⑥

包装 Packing	
B	散装 Bulk Package
T	编带 Tape & Reel

⑦

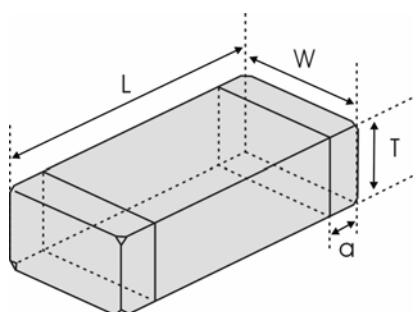
无有害物质产品 Hazardous Substance Free Products	
F	

F

⑦

外观尺寸

SHAPE AND DIMENSIONS



Unit: mm [inch]

Type	L	W	T	a
PZ1005 [0402]	1.0±0.15 [.039±.006]	0.5±0.15 [.020±.006]	0.5±0.15 [.020±.006]	0.25±0.1 [.010±.004]
PZ1608 [0603]	1.6±0.15 [.063±.006]	0.8±0.15 [.031±.006]	0.8±0.15 [.031±.006]	0.3±0.2 [.012±.008]
PZ2012 [0805]	2.0 (+0.3, -0.1) [.079 (+.012, -.004)]	1.25±0.2 [.049±.008]	0.85±0.2 [.033±.008] 1.25±0.2 [.049±.008]	0.5±0.3 [.020±.012]
PZ3216 [1206]	3.2±0.2 [.126±.008]	1.6±0.2 [.063±.008]	0.85±0.2 [.033±.008] 1.1±0.2 [.043±.008]	0.5±0.3 [.020±.012]

规格特性

SPECIFICATIONS

PZ1005 TYPE

Part Number 型号	Impedance 阻抗	Z Test Frequency 阻抗的测试频率	Max.DC Resistance 直流电阻	Max.Rated Current 额定电流	Thickness 厚度
Units 单位	Ω	MHz	Ω	mA	mm [inch]
Symbol 符号	Z	Freq.	DCR	Ir	T
PZ1005D100	0~30	100	0.05	1000	0.5±0.15 [.020±.006]

PZ1608 TYPE

Part Number 型号	Impedance 阻抗	Z Test Frequency 阻抗的测试频率	Max. DC Resistance 直流电阻	Max. Rated Current 额定电流	Thickness 厚度
Units 单位	Ω	MHz	Ω	mA	mm [inch]
Symbol 符号	Z	Freq.	DCR	Ir	T
PZ1608D300	30±25%	100	0.03	3000	0.8±0.15 [.031±.006]
PZ1608D600	60±25%	100	0.08	2000	
PZ1608D750	75±25%	100	0.15	1000	
PZ1608D121	120±25%	100	0.20	1000	
PZ1608D221	220±25%	100	0.20	1000	
PZ1608D601	600±25%	100	0.35	500	
PZ1608U100	0~15	100	0.02	3000	
PZ1608U300	30±25%	100	0.03	3000	
PZ1608U600	60±25%	100	0.08	2000	
PZ1608U121	120±25%	100	0.10	1000	
PZ1608U221	220±25%	100	0.15	800	
PZ1608U301	300±25%	100	0.20	600	

PZ2012 TYPE

Part Number 型号	Impedance 阻抗	Z Test Frequency 阻抗的测试频率	Max. DC Resistance 直流电阻	Max. Rated Current 额定电流	Thickness 厚度
Units 单位	Ω	MHz	Ω	mA	mm [inch]
Symbol 符号	Z	Freq.	DCR	Ir	T
PZ2012D390	39±25%	100	0.02	4000	0.85±0.2 [.033±.008]
PZ2012D800	80±25%	100	0.04	3000	
PZ2012D121	120±25%	100	0.06	2500	
PZ2012D221	220±25%	100	0.08	1500	
PZ2012D301	300±25%	100	0.12	1500	
PZ2012D471	470±25%	100	0.25	800	
PZ2012D601	600±25%	100	0.25	500	
PZ2012U300	30±25%	100	0.02	3000	
PZ2012U600	60±25%	100	0.025	3000	
PZ2012U121	120±25%	100	0.04	2500	
PZ2012U221	220±25%	100	0.07	2000	
PZ2012U301	300±25%	100	0.10	1500	
PZ2012U421	420±25%	100	0.20	1000	
PZ2012U601	600±25%	100	0.25	500	

Note: The thickness of PZ2012 series may be increased to 1.25±0.2 mm when the Ir of product increased.

PZ3216 TYPE

Part Number 型号	Impedance 阻抗	Z Test Frequency 阻抗的测试频率	Max. DC Resistance 直流电阻	Max. Rated Current 额定电流	Thickness 厚度
Units 单位	Ω	MHz	Ω	mA	mm [inch]
Symbol 符号	Z	Freq.	DCR	Ir	T
PZ3216D380	38±25%	100	0.015	5000	0.85±0.2 [.033±.008]
PZ3216D600	60±25%	100	0.01	4000	
PZ3216D121	120±25%	100	0.04	2500	
PZ3216D501	500±25%	100	0.07	2000	
PZ3216D601	600±25%	100	0.20	1000	

规格特性

SPECIFICATIONS

PZ3216 TYPE

Part Number 型号	Impedance 阻抗	Z Test Frequency 阻抗的测试频率	Max. DC Resistance 直流电阻	Max. Rated Current 额定电流	Thickness 厚度
Units 单位	Ω	MHz	Ω	mA	mm [inch]
Symbol 符号	Z	Freq.	DCR	I _r	T
PZ3216U300	$30 \pm 25\%$	100	0.01	6000	0.85 \pm 0.2 [.033 \pm .008]
PZ3216U600	$60 \pm 25\%$	100	0.025	4000	
PZ3216U121	$120 \pm 25\%$	100	0.03	3000	
PZ3216U221	$220 \pm 25\%$	100	0.08	2000	
PZ3216U301	$300 \pm 25\%$	100	0.10	2000	
PZ3216U421	$420 \pm 25\%$	100	0.15	1500	
PZ3216U601	$600 \pm 25\%$	100	0.20	1000	
PZ3216U102	$1000 \pm 25\%$	100	0.30	500	

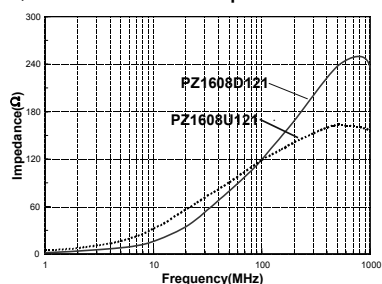
Note: The thickness of PZ3216 series may be increased to 1.1 \pm 0.2 mm when the I_r of product increased.

※: Products with other electrical characteristics can be provided upon customer's request. Please contact your local sales.

电气特性

TYPICAL ELECTRICAL CHARACTERISTICS

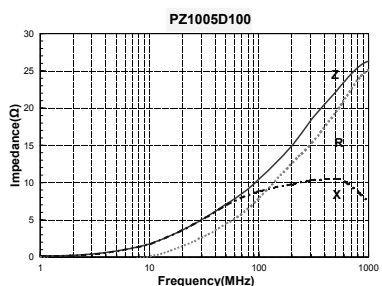
D, U Material Comparison



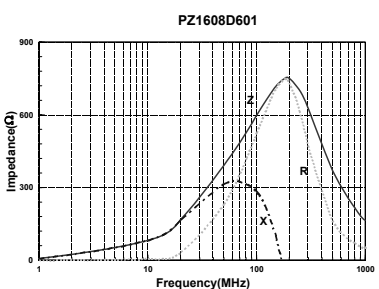
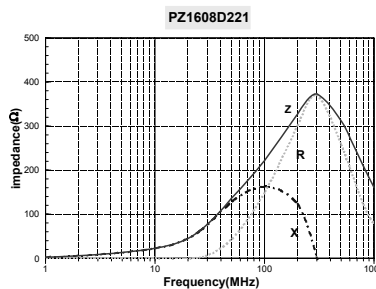
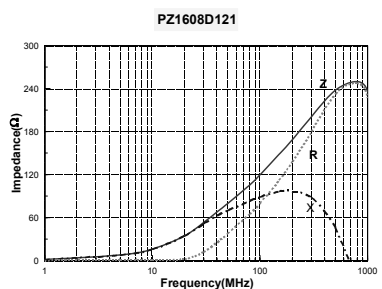
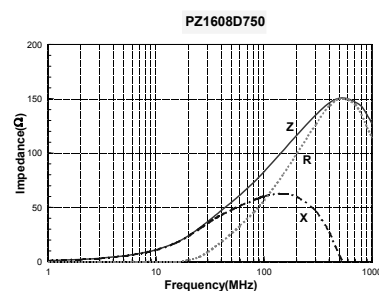
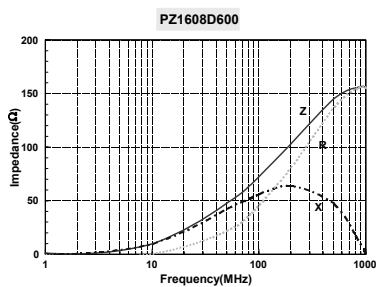
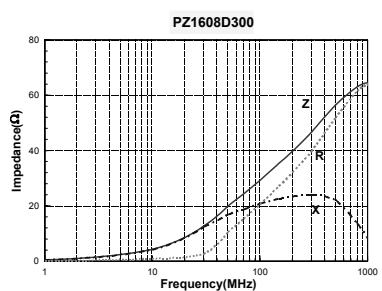
电气特性

DETAIL ELECTRICAL CHARACTERISTICS

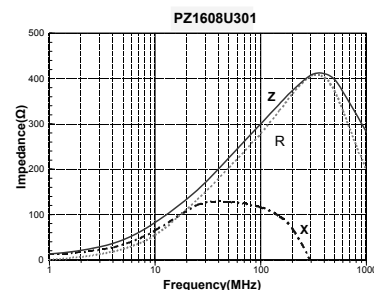
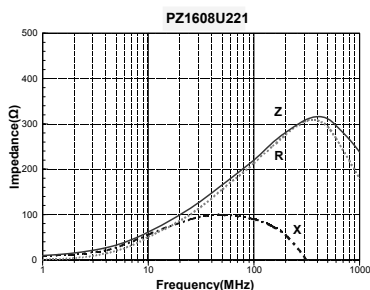
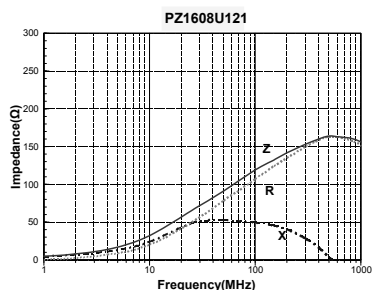
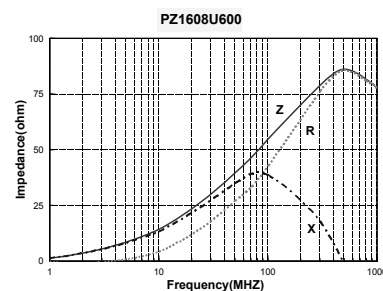
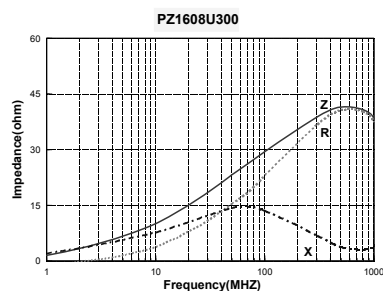
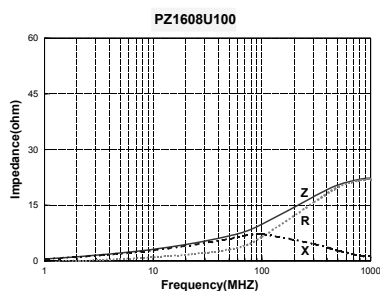
PZ1005 TYPE



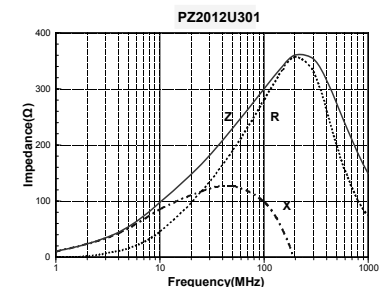
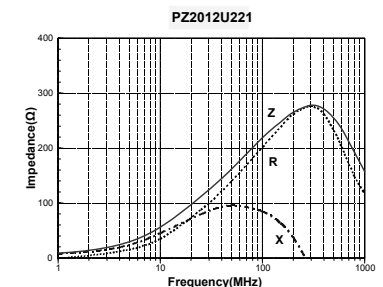
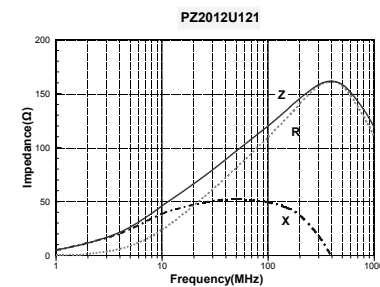
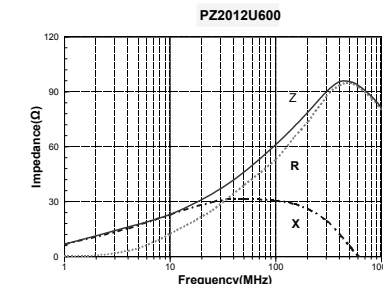
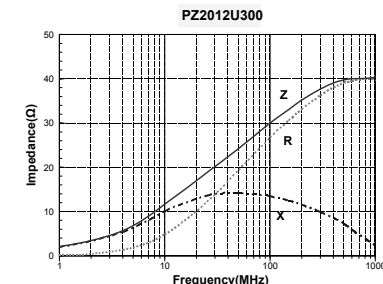
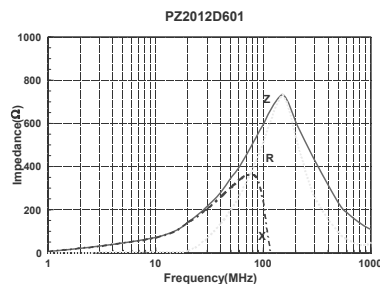
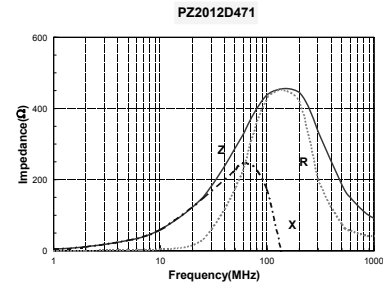
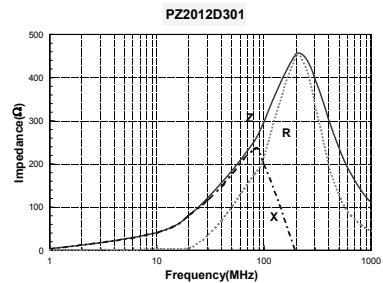
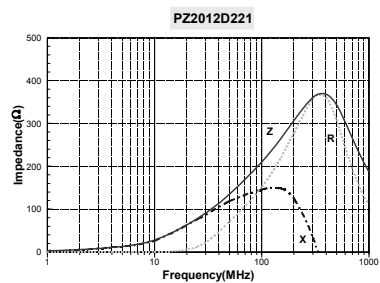
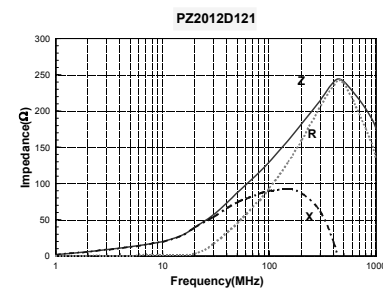
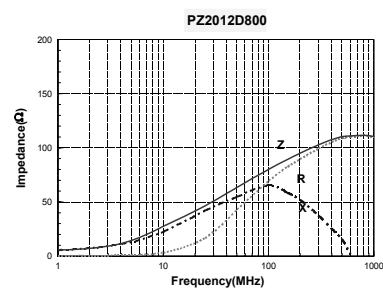
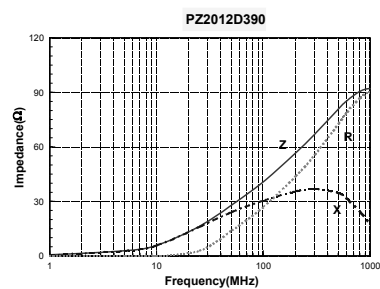
PZ1608 TYPE



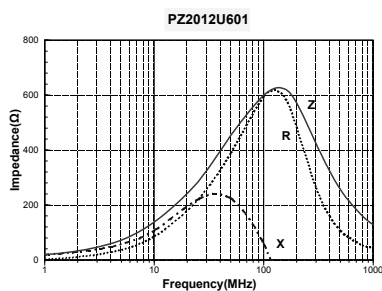
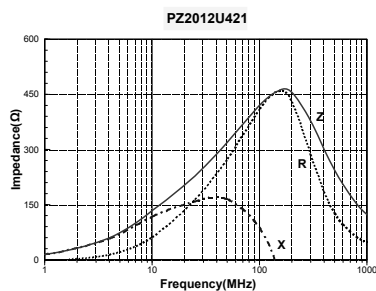
PZ1608 TYPE



PZ2012 TYPE



PZ2012 TYPE



PZ3216 TYPE

