

PZ系列片式铁氧体大电流磁珠

★ 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
- 具有较大的额定电流
- 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 027A-2014、Q/XEC 033A-2014、Q/XEC 061A-2014



★ 产品型号

PRODUCT IDENTIFICATION

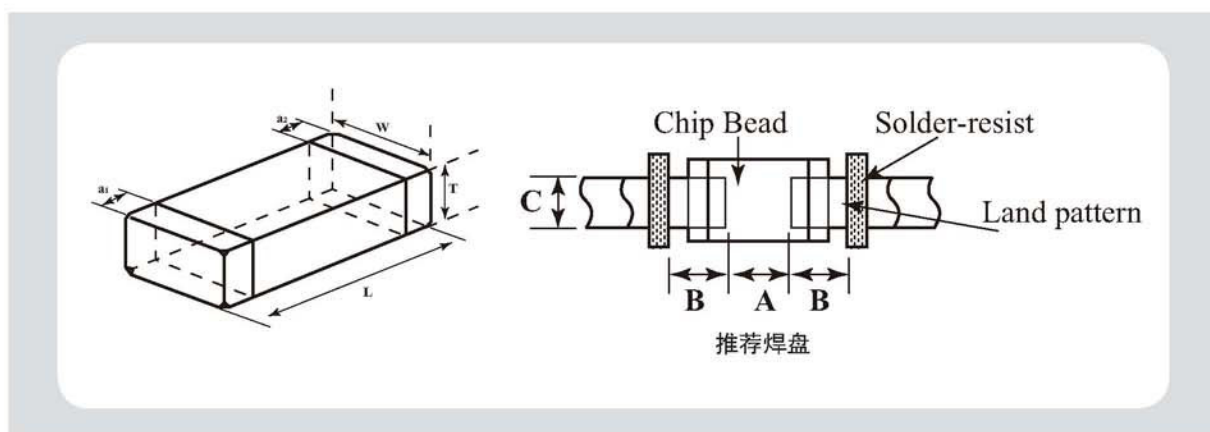
PZ 1608 D 121 - 1R0

① — ② — ③ — ④ — ⑤

- ① 片式铁氧体大电流磁珠
- ② 产品外形尺寸：长×宽
- ③ 材料代号：D、U、E表示铁氧体材料
- ④ 阻抗值：300表示30Ω；121表示120Ω；102表示1000Ω
- ⑤ 额定电流值：R60表示0.6A；1R0表示1A；2R5表示2.5A

★ 外观尺寸

SHAPE AND DIMENSIONS



单位：mm

型号	L	W	T	a1、a2	A	B	C
PZ1005	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
PZ1608	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
PZ2012	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
PZ3216	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
PZ4516	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

● PZ1005 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)
PZ1005D100-1R0	0 ~ 30	/	100	0.05	1000
PZ1005E100-1R7	0 ~ 15	/	100	0.02	1700
PZ1005E700-R80	70	$\pm 25\%$	100	0.10	800
PZ1005E121-R70	120	$\pm 25\%$	100	0.13	700
PZ1005E221-R60	220	$\pm 25\%$	100	0.18	600
PZ1005E601-R45	600	$\pm 25\%$	100	0.34	450
PZ1005U700-R80	70	$\pm 25\%$	100	0.10	800
PZ1005U121-R70	120	$\pm 25\%$	100	0.13	700
PZ1005U121-1R0	120	$\pm 25\%$	100	0.12	1000
PZ1005U221-R60	220	$\pm 25\%$	100	0.18	600
PZ1005U601-R45	600	$\pm 25\%$	100	0.34	450

● PZ1608 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)
PZ1608D300-3R0	30	$\pm 25\%$	100	0.03	3000
PZ1608D600-2R0	60	$\pm 25\%$	100	0.08	2000
PZ1608D750-1R0	75	$\pm 25\%$	100	0.15	1000
PZ1608D121-1R0	120	$\pm 25\%$	100	0.20	1000
PZ1608D121-1R5	120	$\pm 25\%$	100	0.10	1500
PZ1608D221-1R0	220	$\pm 25\%$	100	0.20	1000
PZ1608D301-1R0	300	$\pm 25\%$	100	0.20	1000
PZ1608D601-R50	600	$\pm 25\%$	100	0.35	500
PZ1608E600-1R4	60	$\pm 25\%$	100	0.10	1400
PZ1608U100-3R0	0 ~ 15	/	100	0.02	3000
PZ1608U300-3R0	30	$\pm 25\%$	100	0.03	3000
PZ1608U330-3R0	33	$\pm 25\%$	100	0.03	3000
PZ1608U600-2R5	60	$\pm 25\%$	100	0.04	2500
PZ1608U121-2R0	120	$\pm 25\%$	100	0.05	2000
PZ1608U181-1R5	180	$\pm 25\%$	100	0.09	1500
PZ1608U221-1R4	220	$\pm 25\%$	100	0.10	1400
PZ1608U301-1R2	300	$\pm 25\%$	100	0.15	1200
PZ1608U331-1R2	330	$\pm 25\%$	100	0.14	1200
PZ1608U391-1R0	390	$\pm 25\%$	100	0.14	1000
PZ1608U471-1R0	470	$\pm 25\%$	100	0.20	1000

★ 规格特性

SPECIFICATIONS

● PZ2012 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)
PZ2012D390-4R0	39	$\pm 25\%$	100	0.02	4000
PZ2012D800-3R0	80	$\pm 25\%$	100	0.04	3000
PZ2012D121-2R5	120	$\pm 25\%$	100	0.06	2500
PZ2012D221-1R5	220	$\pm 25\%$	100	0.08	1500
PZ2012D301-1R5	300	$\pm 25\%$	100	0.12	1500
PZ2012D471-R80	470	$\pm 25\%$	100	0.25	800
PZ2012D601-R80	600	$\pm 25\%$	100	0.25	800
PZ2012U300-3R0	30	$\pm 25\%$	100	0.02	3000
PZ2012U300-4R0	30	$\pm 25\%$	100	0.02	4000
PZ2012U310-3R0	31	$\pm 25\%$	100	0.02	3000
PZ2012U600-3R0	60	$\pm 25\%$	100	0.025	3000
PZ2012U121-2R5	120	$\pm 25\%$	100	0.04	2500
PZ2012U221-2R0	220	$\pm 25\%$	100	0.07	2000
PZ2012U301-1R5	300	$\pm 25\%$	100	0.10	1500
PZ2012U421-1R0	420	$\pm 25\%$	100	0.20	1000
PZ2012U601-R50	600	$\pm 25\%$	100	0.25	500
PZ2012U601-R80	600	$\pm 25\%$	100	0.25	800

● PZ3216 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)
PZ3216D190-6R0	19	$\pm 25\%$	100	0.010	6000
PZ3216D380-5R0	38	$\pm 25\%$	100	0.015	5000
PZ3216D600-4R0	60	$\pm 25\%$	100	0.02	4000
PZ3216D800-3R0	80	$\pm 25\%$	100	0.03	3000
PZ3216D121-2R5	120	$\pm 25\%$	100	0.04	2500
PZ3216D501-2R0	500	$\pm 25\%$	100	0.07	2000
PZ3216D601-1R5	600	$\pm 25\%$	100	0.10	1500
PZ3216D601-2R0	600	$\pm 25\%$	100	0.10	2000
PZ3216U300-6R0	30	$\pm 25\%$	100	0.01	6000
PZ3216U310-6R0	31	$\pm 25\%$	100	0.01	6000
PZ3216U330-6R0	33	$\pm 25\%$	100	0.01	6000
PZ3216U600-4R0	60	$\pm 25\%$	100	0.025	4000
PZ3216U121-3R0	120	$\pm 25\%$	100	0.03	3000
PZ3216U221-2R0	220	$\pm 25\%$	100	0.08	2000
PZ3216U301-2R0	300	$\pm 25\%$	100	0.10	2000
PZ3216U391-2R0	390	$\pm 25\%$	100	0.07	2000
PZ3216U601-1R5	600	$\pm 25\%$	100	0.10	1500
PZ3216U102-R50	1000	$\pm 25\%$	100	0.30	500

注：当额定电流增加时，PZ3216系列产品的厚度可能会增加到1.10mm \pm 0.20mm。

★ 规格特性

SPECIFICATIONS

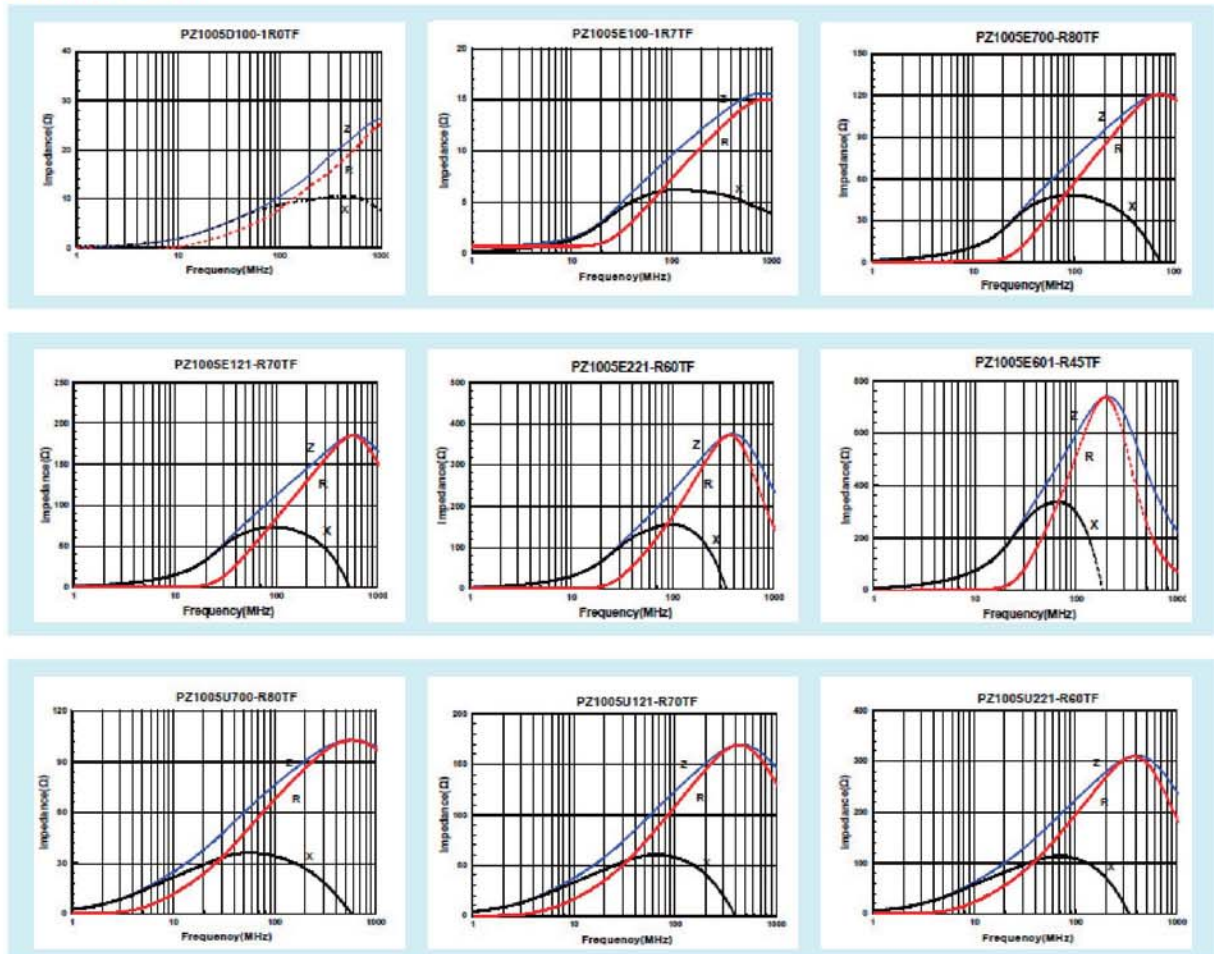
● PZ4516 TYPE

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)
PZ4516U600-6R0	60	±25%	100	0.01	6000
PZ4516U720-6R0	72	±25%	100	0.01	6000
PZ4516U181-3R0	180	±25%	100	0.025	3000
PZ4516U471-2R0	470	±25%	100	0.05	2000
PZ4516D600-6R0	60	±25%	100	0.01	6000
PZ4516D720-6R0	72	±25%	100	0.01	6000
PZ4516D181-3R0	180	±25%	100	0.025	3000
PZ4516D471-2R0	470	±25%	100	0.05	2000

★ 电气特性

TYPICAL ELECTRICAL CHARACTERISTICS

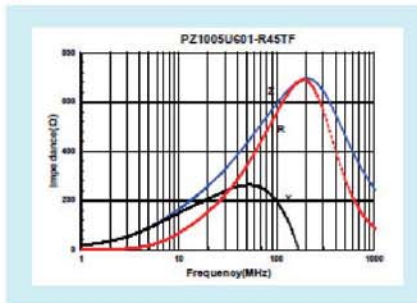
● PZ1005 Series



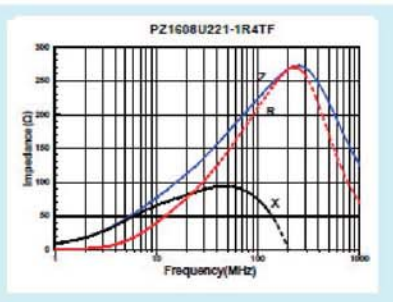
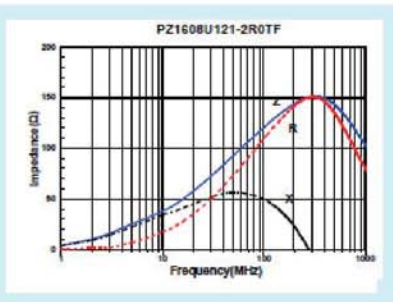
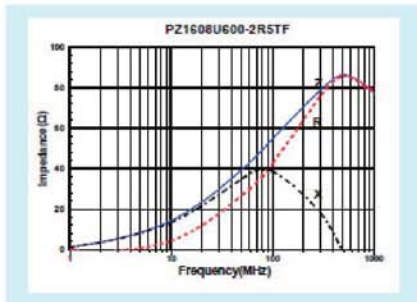
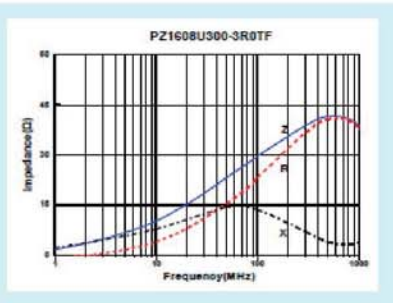
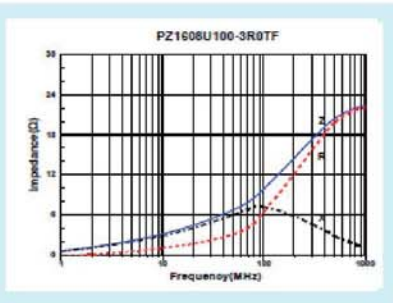
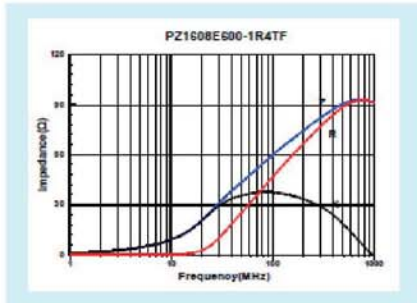
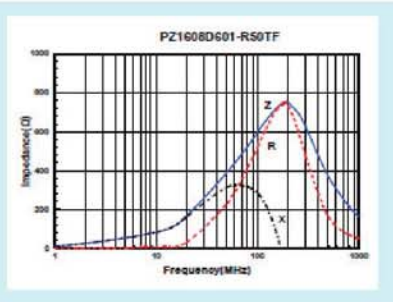
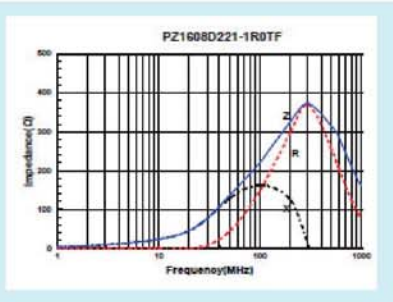
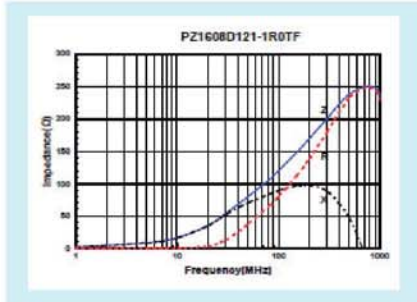
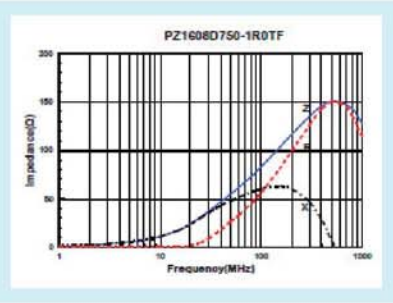
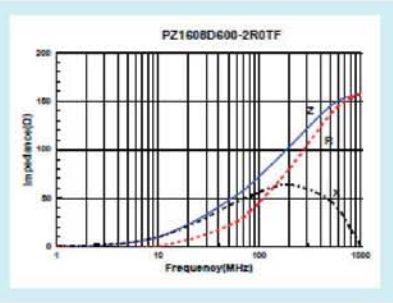
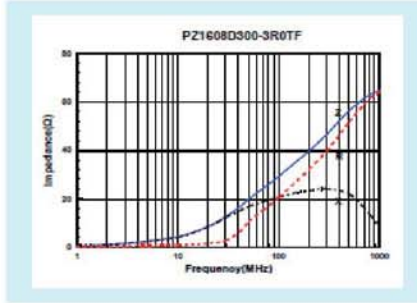
★ 电气特性

TYPICAL ELECTRICAL CHARACTERISTICS

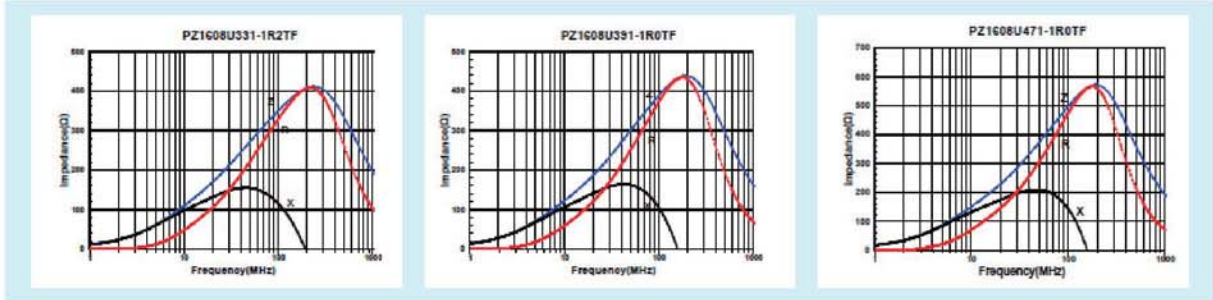
● PZ1005 Series



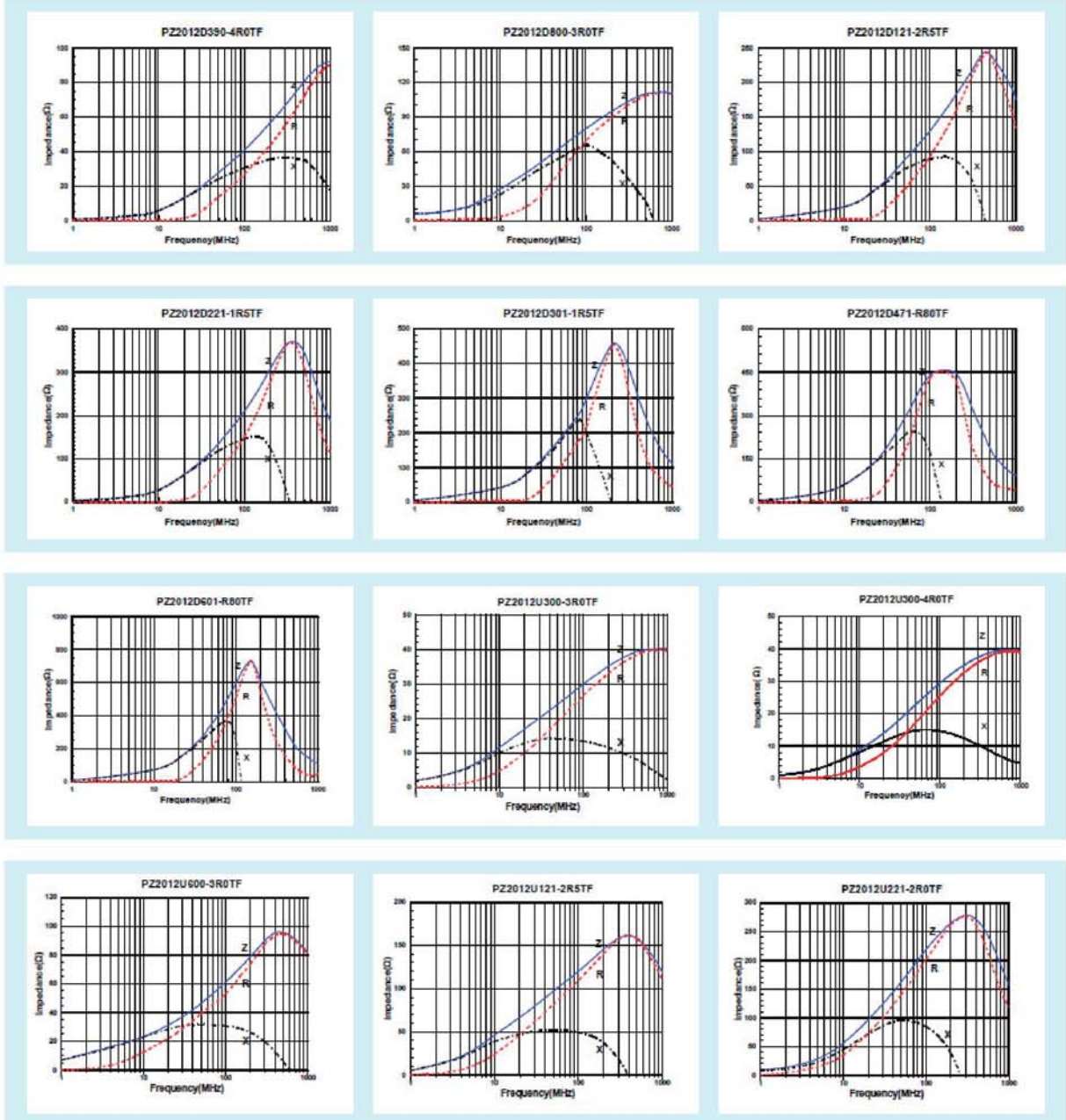
● PZ1608 Series



● PZ1608 Series



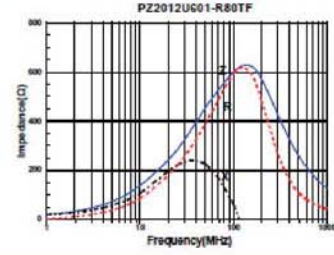
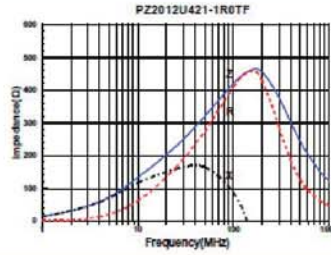
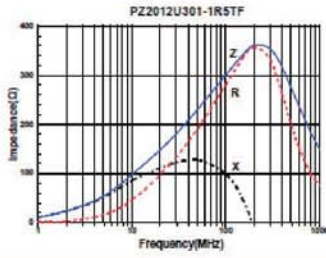
● PZ2012 Series



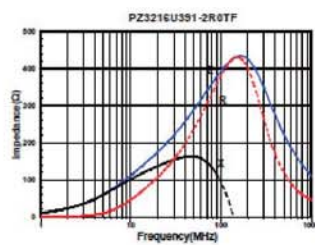
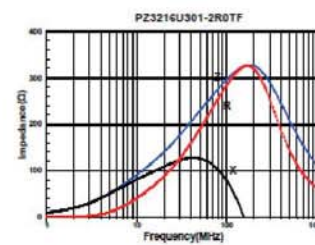
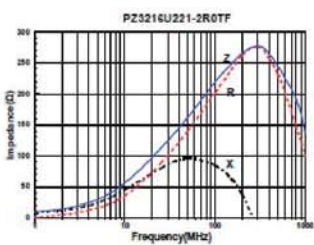
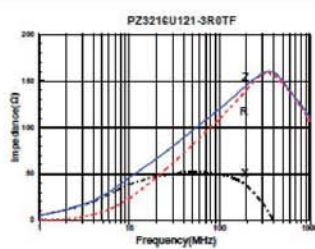
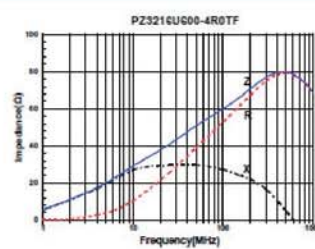
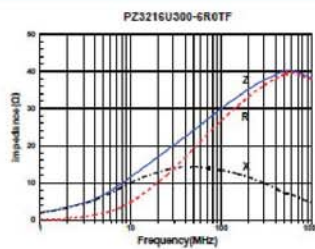
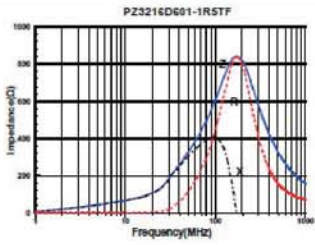
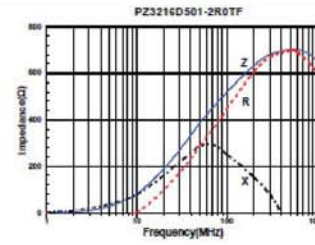
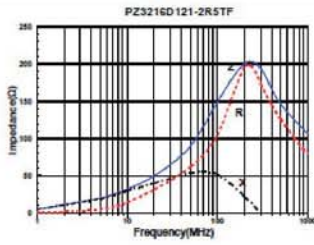
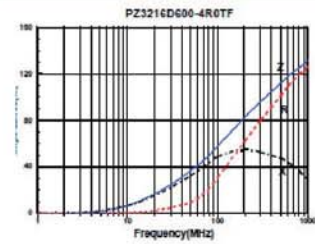
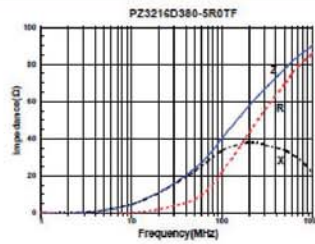
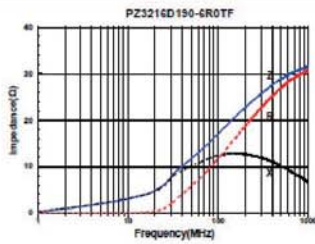
★ 电气特性

TYPICAL ELECTRICAL CHARACTERISTICS

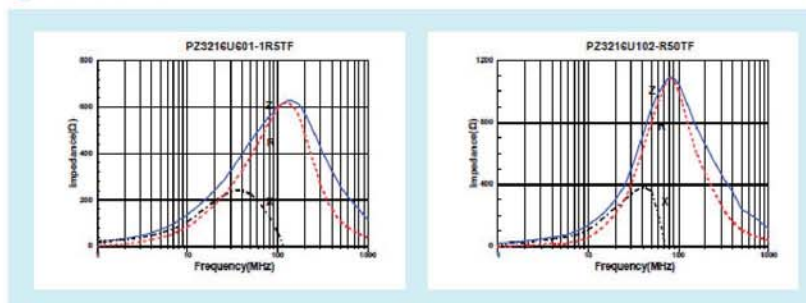
● PZ2012 Series



● PZ3216 Series



● PZ3216 Series



● PZ4516 Series

