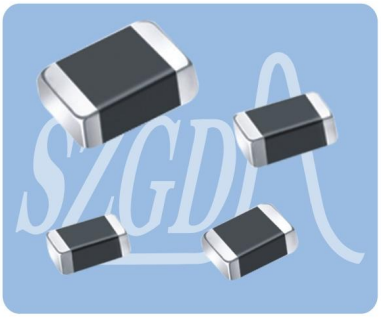
叠层片式铁氧体大电流磁珠 GDPZ 系列

Multilayer Chip Ferrite Bead GDPZ Series



特征 FEATURES

- ◆ 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
- ◆ 在较宽的频率范围内具有优良的EMI抑制效果
- ◆ 阻抗范围宽，适用于多种电子路线

用途 APPLICATIONS

- ◆ 计算机、照相机、LCD TV 等音视频设备，通迅设备，智能电子设备，汽车电子设备等

产品型号 PRODUCT IDENTIFICATION

GDPZ	2012	M	—	301	2A0	T	F
①	②	③		④	⑤	⑥	⑦

①

分类 Type	
GDPZ	叠层片式铁氧体大电流型磁珠

②

外观尺寸 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
3225[1210]	3.2*2.5
4516[1806]	4.5*1.6
4532[1812]	4.5*3.2

③

材料代号
M,N,P

④

标称阻抗值	
Examp le	Nominal Value
300	30Ω
121	120Ω
102	1000Ω

⑤

额定电流	
1AO	1.0A
2A5	2.5A
A60	0.6A

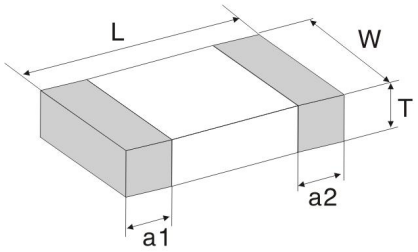
⑥

包 装	
T	编 带

⑦

无有害物质产品
F

外观尺寸 Extrenal Dimension



Type 类型	L	W	T	a
1005[0402]	1.00 ± 0.15	0.50 ± 0.15	0.50 ± 0.15	0.25 ± 0.10
1608[0603]	1.60 ± 0.15	0.80 ± 0.15	0.80 ± 0.15	0.30 ± 0.20
2012[0805]	2.00 ± 0.20	1.25 ± 0.20	0.80 ± 0.20	0.40 ± 0.30
3216[1206]	3.20 ± 0.20	1.60 ± 0.20	0.80 ± 0.20	0.50 ± 0.30
3225[1210]	3.20 ± 0.20	2.50 ± 0.20	1.30 ± 0.30	0.50 ± 0.30
4516[1806]	4.50 ± 0.20	1.60 ± 0.20	1.60 ± 0.30	0.50 ± 0.30
4532[1812]	4.50 ± 0.20	3.20 ± 0.20	1.60 ± 0.30	0.50 ± 0.30

规格特性 SPECIFICATIONS

GDPZ 1005 TYPE

Part Number 型号	Impedance 抗阻	|Z| Test Frequency 抗阻测试的频率	Max. DC Resistance 直流电阻	Max. Rated Current 额定电流
Units 单位	Ω	MHz	Ω	mA
Symbol 符号	Z	Frep.	DCR	Ir
GDPZ1005M100-1A0 TF	0~30	100	0.060	1000
GDPZ1005M310-2A0 TF	31 ± 25%	100	0.045	2000
GDPZ1005M600-1A0 TF	60 ± 25%	100	0.060	1000
GDPZ1005M800-1A0 TF	80 ± 25%	100	0.160	1000
GDPZ1005M121-1A5 TF	120 ± 25%	100	0.130	1500
GDPZ1005M121-2A0 TF	120 ± 25%	100	0.090	2000
GDPZ1005M181-1A3 TF	180 ± 25%	100	0.195	1300
GDPZ1005M221-1A3 TF	220 ± 25%	100	0.195	1300
GDPZ1005M301-1A3 TF	300 ± 25%	100	0.195	1300
GDPZ1005M471-1A0 TF	470 ± 25%	100	0.400	1000
GDPZ1005M601-1A0 TF	600 ± 25%	100	0.400	1000
GDPZ1005M601-A70 TF	600 ± 25%	100	0.560	700

GDPZ 1608 TYPE

Part Number 型号	Impedance 抗阻	|Z| Test Frequency 抗阻测试的频率	Max. DC Resistance 直流电阻	Max. Rated Current 额定电流
Units 单位	Ω	MHz	Ω	mA
Symbol 符号	Z	Frep.	DCR	Ir
GDPZ1608M000-3A0TF	0~10	100	0.020	3000
GDPZ1608M000-4A0TF	0~10	100	0.010	4000
GDPZ1608M110-4A0TF	11 ± 25%	100	0.010	4000
GDPZ1608M110-3A0TF	11 ± 25%	100	0.020	3000
GDPZ1608M190-3A0TF	19 ± 25%	100	0.030	3000
GDPZ1608M260-3A0TF	26 ± 25%	100	0.030	3000
GDPZ1608M300-1A0TF	30 ± 25%	100	0.075	1000
GDPZ1608M310-3A0TF	31 ± 25%	100	0.030	3000
GDPZ1608M400-3A0TF	40 ± 25%	100	0.030	3000
GDPZ1608M470-3A0TF	47 ± 25%	100	0.030	3000
GDPZ1608M600-3A0TF	60 ± 25%	100	0.030	3000
GDPZ1608M600-2A0TF	60 ± 25%	100	0.080	2000
GDPZ1608M600-2A5TF	60 ± 25%	100	0.040	2500
GDPZ1608M700-3A0TF	70 ± 25%	100	0.040	3000
GDPZ1608M800-3A0TF	80 ± 25%	100	0.050	3000
GDPZ1608M800-2A5TF	80 ± 25%	100	0.055	2500
GDPZ1608M800-2A0TF	80 ± 25%	100	0.065	2000
GDPZ1608M800-1A5TF	80 ± 25%	100	0.080	1500
GDPZ1608M900-2A0TF	90 ± 25%	100	0.085	2000
GDPZ1608M101-3A0TF	100 ± 25%	100	0.045	3000
GDPZ1608M101-2A0TF	100 ± 25%	100	0.065	2000
GDPZ1608M121-3A0TF	120 ± 25%	100	0.055	3000
GDPZ1608M121-2A0TF	120 ± 25%	100	0.065	2000
GDPZ1608M121-1A0TF	120 ± 25%	100	0.100	1000
GDPZ1608M121-A60TF	120 ± 25%	100	0.160	600
GDPZ1608M151-2A0TF	150 ± 25%	100	0.075	2000
GDPZ1608M151-1A0TF	150 ± 25%	100	0.100	1000
GDPZ1608M181-2A5TF	180 ± 25%	100	0.070	2500
GDPZ1608M181-2A0TF	180 ± 25%	100	0.090	2000
GDPZ1608M181-1A5TF	180 ± 25%	100	0.120	1500
GDPZ1608M181-1A0TF	180 ± 25%	100	0.150	1000
GDPZ1608M201-1A5TF	200 ± 25%	100	0.120	1500
GDPZ1608M221-2A0TF	220 ± 25%	100	0.100	2000
GDPZ1608M221-1A0TF	220 ± 25%	100	0.150	1000
GDPZ1608M301-3A0TF	300 ± 25%	100	0.075	3000

GDPZ 1608 TYPE

Part Number 型号	Impedance 抗阻	|Z| Test Frequency 抗阻测试的频率	Max. DC Resistance 直流电阻	Max. Rated Current 额定电流
Units 单位	Ω	MHz	Ω	mA
Symbol 符号	Z	Frep.	DCR	Ir
GDPZ1608M301-2A0TF	300 ± 25%	100	0.120	2000
GDPZ1608M301-1A5TF	300 ± 25%	100	0.150	1500
GDPZ1608M301-1A0TF	300 ± 25%	100	0.200	1000
GDPZ1608M471-2A0TF	470 ± 25%	100	0.150	2000
GDPZ1608M471-1A0TF	470 ± 25%	100	0.200	1000
GDPZ1608M601-1A5TF	600 ± 25%	100	0.200	1500
GDPZ1608M601-1A3TF	600 ± 25%	100	0.300	1300
GDPZ1608M601-1A0TF	600 ± 25%	100	0.400	1000
GDPZ1608M751-A50TF	750 ± 25%	100	0.400	500
GDPZ1608M102-A50TF	1000 ± 25%	100	0.400	500

GDPZ 2012 TYPE

Part Number 型号	Impedance 抗阻	|Z| Test Frequency 抗阻测试的频率	Max. DC Resistance 直流电阻	Max. Rated Current 额定电流
Units 单位	Ω	MHz	Ω	mA
Symbol 符号	Z	Frep.	DCR	Ir
GDPZ2012M000-6A0 TF	0~10	100	0.010	6000
GDPZ2012M110-6A0 TF	11 ± 25%	100	0.010	6000
GDPZ2012M190-6A0 TF	19 ± 25%	100	0.010	6000
GDPZ2012M220-6A0 TF	22 ± 25%	100	0.010	6000
GDPZ2012M260-6A0 TF	26 ± 25%	100	0.010	6000
GDPZ2012M260-3A0 TF	26 ± 25%	100	0.020	3000
GDPZ2012M310-6A0 TF	31 ± 25%	100	0.010	6000
GDPZ2012M310-3A0 TF	31 ± 25%	100	0.020	3000
GDPZ2012M310-2A0 TF	31 ± 25%	100	0.025	2000
GDPZ2012M310-1A5 TF	31 ± 25%	100	0.035	1500
GDPZ2012M390-4A0 TF	39 ± 25%	100	0.020	4000
GDPZ2012M400-3A0 TF	40 ± 25%	100	0.040	3000
GDPZ2012M400-2A5 TF	40 ± 25%	100	0.050	2500
GDPZ2012M400-2A0 TF	40 ± 25%	100	0.075	2000
GDPZ2012M400-1A5 TF	40 ± 25%	100	0.085	1500
GDPZ2012M500-3A0 TF	50 ± 25%	100	0.040	3000
GDPZ2012M600-3A0 TF	60 ± 25%	100	0.040	3000

GDPZ 2012 TYPE

Part Number 型号	Impedance 抗阻	|Z| Test Frequency 抗阻测试的频率	Max. DC Resistance 直流电阻	Max. Rated Current 额定电流
Units 单位	Ω	MHz	Ω	mA
Symbol 符号	Z	Frep.	DCR	Ir
GDPZ2012M600-2A5 TF	60 ± 25%	100	0.055	2500
GDPZ2012M600-2A0 TF	60 ± 25%	100	0.065	2000
GDPZ2012M600-1A5 TF	60 ± 25%	100	0.085	1500
GDPZ2012M600-1A0 TF	60 ± 25%	100	0.090	1000
GDPZ2012M800-3A0 TF	80 ± 25%	100	0.040	3000
GDPZ2012M800-2A5 TF	80 ± 25%	100	0.050	2500
GDPZ2012M800-2A0 TF	80 ± 25%	100	0.060	2000
GDPZ2012M800-1A5 TF	80 ± 25%	100	0.080	1500
GDPZ2012M800-1A0 TF	80 ± 25%	100	0.100	1000
GDPZ2012M900-3A0 TF	80 ± 25%	100	0.045	3000
GDPZ2012M900-2A5 TF	80 ± 25%	100	0.050	2500
GDPZ2012M900-2A0 TF	80 ± 25%	100	0.060	2000
GDPZ2012M900-1A5 TF	80 ± 25%	100	0.070	1500
GDPZ2012M101-2A5 TF	100 ± 25%	100	0.040	2500
GDPZ2012M101-1A5 TF	100 ± 25%	100	0.060	1500
GDPZ2012M121-3A0 TF	120 ± 25%	100	0.040	3000
GDPZ2012M121-2A5 TF	120 ± 25%	100	0.048	2500
GDPZ2012M121-2A0 TF	120 ± 25%	100	0.055	2000
GDPZ2012M121-1A5 TF	120 ± 25%	100	0.060	1500
GDPZ2012M121-1A0 TF	120 ± 25%	100	0.075	1000
GDPZ2012M151-3A0 TF	150 ± 25%	100	0.045	3000
GDPZ2012M151-2A0 TF	150 ± 25%	100	0.060	2000
GDPZ2012M181-3A0 TF	180 ± 25%	100	0.045	3000
GDPZ2012M181-2A0 TF	180 ± 25%	100	0.070	2000
GDPZ2012M181-1A0 TF	180 ± 25%	100	0.120	1000
GDPZ2012M201-2A0 TF	200 ± 25%	100	0.060	2000
GDPZ2012M201-1A5 TF	200 ± 25%	100	0.100	1500
GDPZ2012M221-3A0 TF	220 ± 25%	100	0.045	3000
GDPZ2012M221-2A0 TF	220 ± 25%	100	0.060	2000
GDPZ2012M221-1A5 TF	220 ± 25%	100	0.080	1500
GDPZ2012M301-3A0 TF	300 ± 25%	100	0.045	3000
GDPZ2012M301-2A0 TF	300 ± 25%	100	0.060	2000
GDPZ2012M301-1A5 TF	300 ± 25%	100	0.850	1500
GDPZ2012M301-1A0 TF	300 ± 25%	100	0.120	1000
GDPZ2012M331-1A0 TF	330 ± 25%	100	0.110	1000

GDPZ 2012 TYPE

Part Number 型号	Impedance 抗阻	|Z| Test Frequency 抗阻测试的频率	Max. DC Resistance 直流电阻	Max. Rated Current 额定电流
Units 单位	Ω	MHz	Ω	mA
Symbol 符号	Z	Frep.	DCR	Ir
GDPZ2012M401-1A0 TF	400 ± 25%	100	0.150	1000
GDPZ2012M421-2A5 TF	420 ± 25%	100	0.100	2500
GDPZ2012M421-1A5 TF	420 ± 25%	100	0.150	1500
GDPZ2012M471-3A0 TF	470 ± 25%	100	0.050	3000
GDPZ2012M471-2A5 TF	470 ± 25%	100	0.070	2500
GDPZ2012M471-2A0 TF	470 ± 25%	100	0.090	2000
GDPZ2012M471-1A5 TF	470 ± 25%	100	0.105	1500
GDPZ2012M501-1A0 TF	500 ± 25%	100	0.150	1000
GDPZ2012M601-2A5 TF	600 ± 25%	100	0.070	2500
GDPZ2012M601-2A0 TF	600 ± 25%	100	0.090	2000
GDPZ2012M601-1A5 TF	600 ± 25%	100	0.105	1500
GDPZ2012M601-1A0 TF	600 ± 25%	100	0.180	1000
GDPZ2012M102-1A0 TF	1000 ± 25%	100	0.220	1000

GDPZ 3216 TYPE

Part Number 型号	Impedance 抗阻	|Z| Test Frequency 抗阻测试的频率	Max. DC Resistance 直流电阻	Max. Rated Current 额定电流
Units 单位	Ω	MHz	Ω	mA
Symbol 符号	Z	Frep.	DCR	Ir
GDPZ3216M000-6A0TF	0~10	100	0.010	6000
GDPZ3216M110-6A0TF	11 ± 25%	100	0.010	6000
GDPZ3216M110-2A0TF	11 ± 25%	100	0.050	2000
GDPZ3216M190-6A0TF	19 ± 25%	100	0.010	6000
GDPZ3216M190-4A0TF	19 ± 25%	100	0.015	4000
GDPZ3216M260-6A0TF	26 ± 25%	100	0.010	6000
GDPZ3216M260-4A0TF	26 ± 25%	100	0.015	4000
GDPZ3216M260-3A0TF	26 ± 25%	100	0.020	3000
GDPZ3216M300-4A0TF	30 ± 25%	100	0.015	4000
GDPZ3216M300-3A0TF	30 ± 25%	100	0.020	3000
GDPZ3216M310-6A0TF	31 ± 25%	100	0.010	6000
GDPZ3216M310-2A0TF	31 ± 25%	100	0.065	2000
GDPZ3216M390-6A0TF	39 ± 25%	100	0.010	6000
GDPZ3216M400-6A0TF	40 ± 25%	100	0.010	6000
GDPZ3216M400-3A0TF	40 ± 25%	100	0.030	3000

GDPZ 3216 TYPE

Part Number 型号	Impedance 抗阻	|Z| Test Frequency 抗阻测试的频率	Max. DC Resistance 直流电阻	Max. Rated Current 额定电流
Units 单位	Ω	MHz	Ω	mA
Symbol 符号	Z	Frep.	DCR	Ir
GDPZ3216M400-2A5TF	40 ± 25%	100	0.040	2500
GDPZ3216M500-4A0TF	50 ± 25%	100	0.020	4000
GDPZ3216M600-6A0TF	60 ± 25%	100	0.010	6000
GDPZ3216M600-4A0TF	60 ± 25%	100	0.020	4000
GDPZ3216M600-3A0TF	60 ± 25%	100	0.040	3000
GDPZ3216M600-2A0TF	60 ± 25%	100	0.070	2000
GDPZ3216M700-3A0TF	70 ± 25%	100	0.025	3000
GDPZ3216M800-4A0TF	80 ± 25%	100	0.030	4000
GDPZ3216M800-3A0TF	80 ± 25%	100	0.040	3000
GDPZ3216M800-2A5TF	80 ± 25%	100	0.055	2500
GDPZ3216M800-2A0TF	80 ± 25%	100	0.070	2000
GDPZ3216M900-3A0TF	90 ± 25%	100	0.050	3000
GDPZ3216M900-2A5TF	90 ± 25%	100	0.070	2500
GDPZ3216M101-3A0TF	100 ± 25%	100	0.030	3000
GDPZ3216M101-2A5TF	100 ± 25%	100	0.045	2500
GDPZ3216M121-4A0TF	120 ± 25%	100	0.015	4000
GDPZ3216M121-3A0TF	120 ± 25%	100	0.045	3000
GDPZ3216M121-2A5TF	120 ± 25%	100	0.060	2500
GDPZ3216M121-2A0TF	120 ± 25%	100	0.075	2000
GDPZ3216M121-1A5TF	120 ± 25%	100	0.090	1500
GDPZ3216M151-3A0TF	150 ± 25%	100	0.040	3000
GDPZ3216M181-3A0TF	180 ± 25%	100	0.040	3000
GDPZ3216M181-2A0TF	180 ± 25%	100	0.080	2000
GDPZ3216M201-3A0TF	200 ± 25%	100	0.040	3000
GDPZ3216M221-3A0TF	220 ± 25%	100	0.040	3000
GDPZ3216M221-2A5TF	220 ± 25%	100	0.060	2500
GDPZ3216M221-2A0TF	220 ± 25%	100	0.075	2000
GDPZ3216M221-1A5TF	220 ± 25%	100	0.110	1500
GDPZ3216M301-2A0TF	300 ± 25%	100	0.100	2000
GDPZ3216M301-1A5TF	300 ± 25%	100	0.120	1500
GDPZ3216M401-1A5TF	400 ± 25%	100	0.150	1500
GDPZ3216M421-1A5TF	420 ± 25%	100	0.150	1500
GDPZ3216M471-3A0TF	470 ± 25%	100	0.070	3000
GDPZ3216M471-2A5TF	470 ± 25%	100	0.090	2500
GDPZ3216M501-2A0TF	500 ± 25%	100	0.100	2000

GDPZ 3216 TYPE

Part Number 型号	Impedance 抗阻	|Z| Test Frequency 抗阻测试的频率	Max. DC Resistance 直流电阻	Max. Rated Current 额定电流
Units 单位	Ω	MHz	Ω	mA
Symbol 符号	Z	Frep.	DCR	Ir
GDPZ3216M501-1A5TF	500 ± 25%	100	0.150	1500
GDPZ3216M501-1A0TF	500 ± 25%	100	0.200	1000
GDPZ3216M601-3A0TF	600 ± 25%	100	0.070	3000
GDPZ3216M601-2A5TF	600 ± 25%	100	0.085	2500
GDPZ3216M601-1A0TF	600 ± 25%	100	0.200	1000
GDPZ3216M751-1A0TF	750 ± 25%	100	0.200	1000
GDPZ3216M102-A50TF	1000 ± 25%	100	0.300	500

GDPZ 3225 TYPE

Part Number 型号	Impedance 抗阻	|Z| Test Frequency 抗阻测试的频率	Max. DC Resistance 直流电阻	Max. Rated Current 额定电流
Units 单位	Ω	MHz	Ω	mA
Symbol 符号	Z	Frep.	DCR	Ir
GDPZ3225M310-6A0 TF	31 ± 25%	100	0.005	6000
GDPZ3225M600-6A0 TF	60 ± 25%	100	0.005	6000
GDPZ3225M800-2A0 TF	80 ± 25%	100	0.040	2000
GDPZ3225M121-2A0 TF	120 ± 25%	100	0.040	2000
GDPZ3225M221-2A0 TF	220 ± 25%	100	0.040	2000
GDPZ3225M301-2A0 TF	300 ± 25%	100	0.060	2000
GDPZ3225M421-2A0 TF	420 ± 25%	100	0.060	2000
GDPZ3225M501-2A0 TF	500 ± 25%	100	0.060	2000
GDPZ3225M601-2A0 TF	600 ± 25%	100	0.060	2000
GDPZ3225M751-2A0 TF	750 ± 25%	100	0.060	2000

GDPZ 4516 TYPE

Part Number 型号	Impedance 抗阻	|Z| Test Frequency 抗阻测试的频率	Max. DC Resistance 直流电阻	Max. Rated Current 额定电流
Units 单位	Ω	MHz	Ω	mA
Symbol 符号	Z	Frep.	DCR	Ir
GDPZ4516M600-6A0 TF	60 ± 25%	100	0.005	6000
GDPZ4516M101-3A0 TF	100 ± 25%	100	0.035	3000
GDPZ4516M151-2A0 TF	150 ± 25%	100	0.045	2000

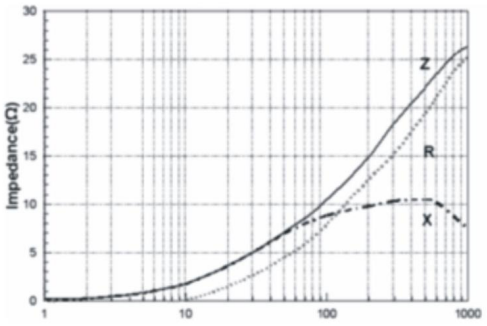
GDPZ 4532 TYPE

Part Number 型号	Impedance 抗阻	|Z| Test Frequency 抗阻测试的频率	Max. DC Resistance 直流电阻	Max. Rated Current 额定电流
Units 单位	Ω	MHz	Ω	mA
Symbol 符号	Z	Frep.	DCR	Ir
GDPZ4532M600-6A0 TF	60 ± 25%	100	0.005	6000
GDPZ4532M800-6A0 TF	80 ± 25%	100	0.005	6000
GDPZ4532M121-3A0 TF	120 ± 25%	100	0.020	3000
GDPZ4532M221-3A0 TF	220 ± 25%	100	0.035	3000
GDPZ4532M301-3A0 TF	300 ± 25%	100	0.035	3000
GDPZ4532M421-2A0 TF	420 ± 25%	100	0.075	2000
GDPZ4532M501-2A0 TF	500 ± 25%	100	0.080	2000
GDPZ4532M601-2A0 TF	600 ± 25%	100	0.080	2000

电气特性 TYPICAL ELECTRCAL CHARACTERISTICS

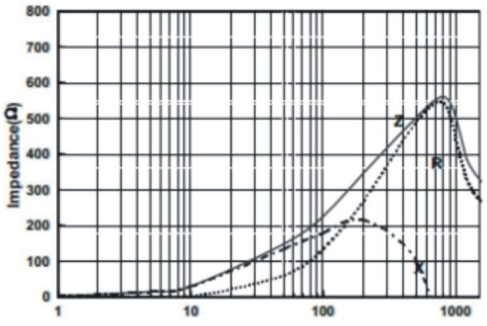
GDPZ 1005 TYPE

GDPZ 1005M000



Frequency (MHz)

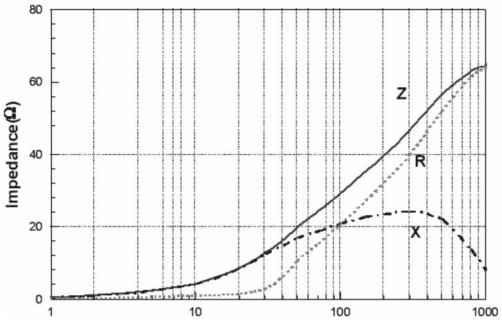
GDPZ 1005M221



Frequency (MHz)

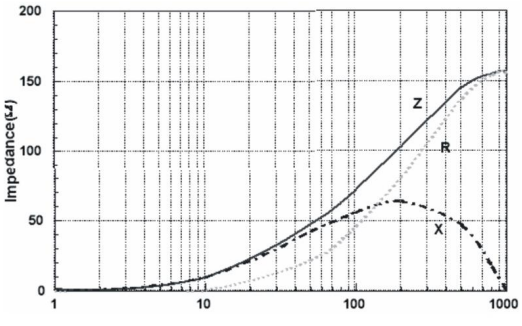
GDPZ 1608 TYPE

GDPZ 1608M310



Frequency (MHz)

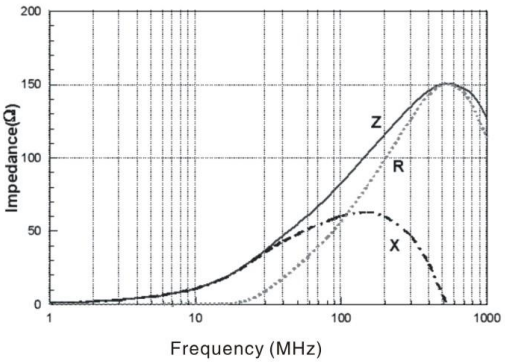
GDPZ 1608M600



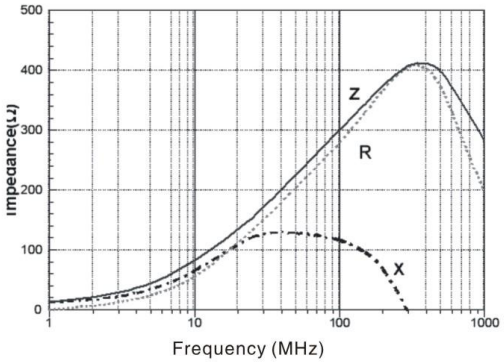
Frequency (MHz)

GDPZ 1608 TYPE

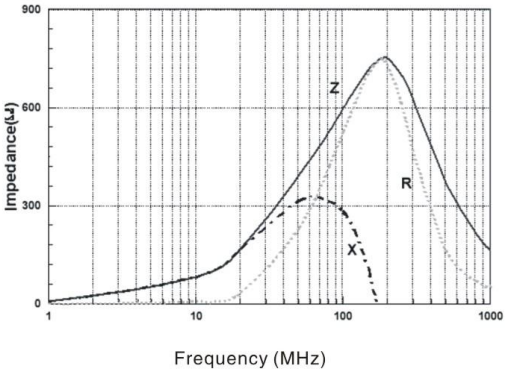
GDPZ 1608M800



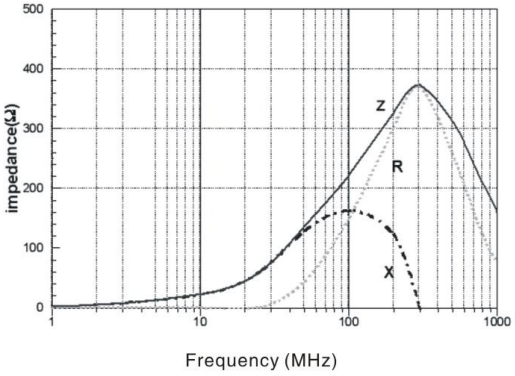
GDPZ 1608M301



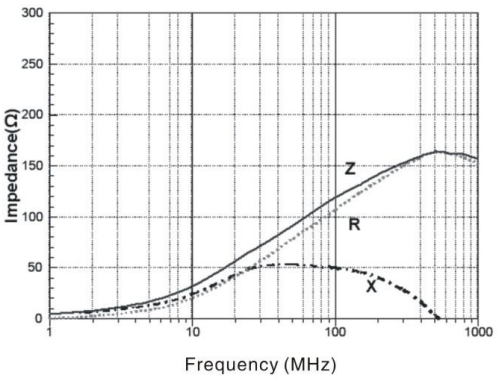
GDPZ 1608M601



GDPZ 1608M221

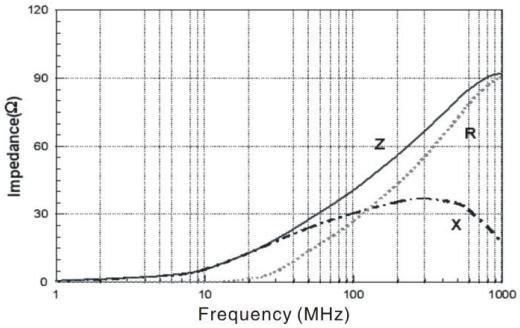


GDPZ 1608M121

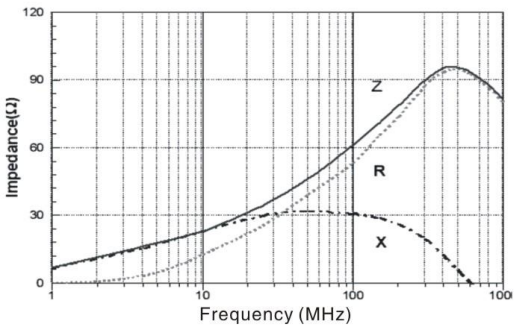


GDPZ 2012 TYPE

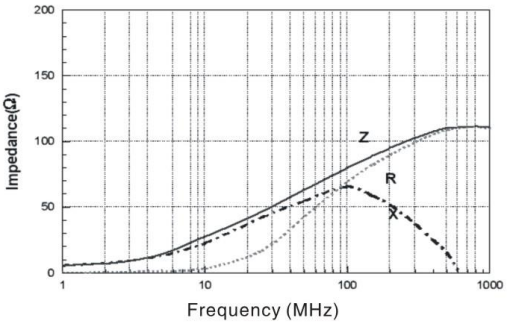
GDPZ 2012M310



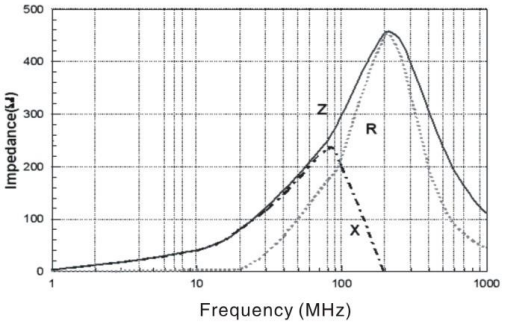
GDPZ 2012M600



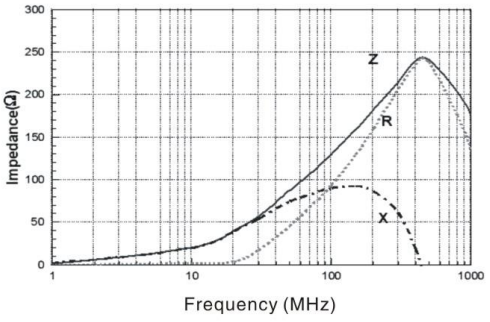
GDPZ 2012M800



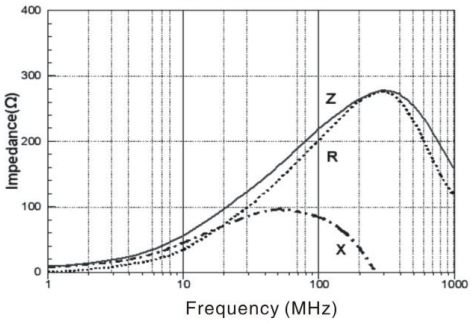
GDPZ 2012M301



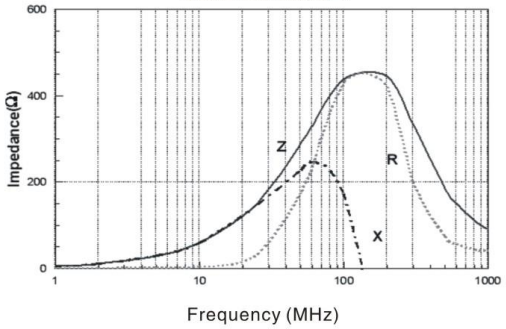
GDPZ 2012M121



GDPZ 2012M221



GDPZ 2012M471



GDPZ 2012M601

