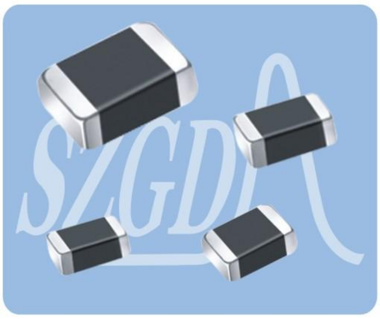
叠层片式铁氧体磁珠 GDGZ 系列
Multilayer Chip Ferrite Bead GDGZ Series

特征 FEATURES
- 内埋式叠层结构，屏蔽无串扰
- 在较宽的频率范围内具有优良的EMI抑制效果（几十兆赫兹至几百兆赫兹）
- 多种铁氧体材料，阻抗范围宽，适用于不同的电子线路

用途 APPLICATIONS
- 计算机、照相机、LCD TV 等音 / 视频设备，通迅设备，智能电子设备等



产品型号 PRODUCT IDENTIFICATION

GDGZ	2012	M	300	T	F
①	②	③	④	⑤	⑥

①

分类 Type	
GDGZ	片式铁氧体普通型磁珠

②

外观尺寸	
0603[0201]	0.6*0.3
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，Q

④

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

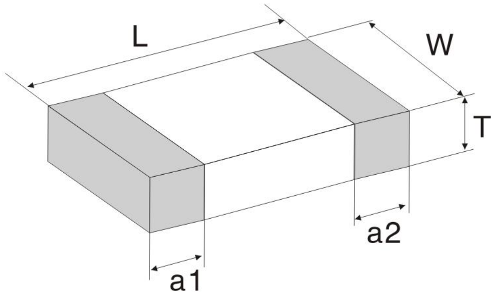
⑤

包装	
T	编带

⑥

无有害物质产品
F

外观尺寸 Extrenal Dimension



Type 类型	L	W	T	a1、a2
0603 [0201]	0.60 ± 0.05	0.30 ± 0.05	0.30 ± 0.05	0.15 ± 0.05
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	0.60 ± 0.30
4532 [1812]	4.50 ± 0.20	3.20 ± 0.20	1.60 ± 0.30	0.60 ± 0.30

规格特性 SPECIFICATIONS

GDGZ 0603 系列

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
GDGZ0603M600TF	60 ± 25%	100	0.400	200
GDGZ0603M800TF	80 ± 25%	100	0.600	200
GDGZ0603M121TF	120 ± 25%	100	0.800	200
GDGZ0603M241TF	240 ± 25%	100	1.000	200
GDGZ0603M601TF	600 ± 25%	100	1.700	200

GDGZ 1005 系列

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
GDGZ1005M100TF	0~15	100	0.050	500
GDGZ1005M310TF	31 ± 25%	100	0.200	300

GDGZ 1005 系列

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
GDGZ1005M600TF	60±25%	100	0.300	200
GDGZ1005M800TF	80±25%	100	0.350	200
GDGZ1005M121TF	120±25%	100	0.400	200
GDGZ1005M151TF	150±25%	100	0.400	200
GDGZ1005M221TF	220±25%	100	0.450	150
GDGZ1005M301TF	300±25%	100	0.500	100
GDGZ1005M501TF	500±25%	100	0.800	100
GDGZ1005M601TF	600±25%	100	0.900	100
GDGZ1005M751TF	750±25%	100	1.000	100
GDGZ1005M102TF	1000±25%	100	1.200	100
GDGZ1005M152TF	1500±25%	100	1.600	100
GDGZ1005M182TF	1800±25%	100	2.000	50

GDGZ 1608 系列

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
GDGZ1608M110TF	0~15	100	0.050	2000
GDGZ1608M300TF	30±25%	100	0.050	2000
GDGZ1608M600TF	60±25%	100	0.100	500
GDGZ1608M800TF	80±25%	100	0.150	400
GDGZ1608M101TF	100±25%	100	0.200	300
GDGZ1608M121TF	120±25%	100	0.200	300
GDGZ1608M221TF	220±25%	100	0.300	300
GDGZ1608M301TF	300±25%	100	0.350	200
GDGZ1608M471TF	470±25%	100	0.450	200
GDGZ1608M601TF	600±25%	100	0.450	200
GDGZ1608M751TF	750±25%	100	0.500	200
GDGZ1608M102TF	1000±25%	100	0.600	200
GDGZ1608M122TF	1200±25%	100	0.700	150
GDGZ1608M152TF	1500±25%	50	0.700	150
GDGZ1608M202TF	2000±25%	50	1.200	100
GDGZ1608M252TF	2500±25%	50	1.200	100

GDGZ 2012 系列

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
GDGZ2012M000TF	0~10	100	0.040	2000
GDGZ2012M110TF	11±25%	100	0.040	2000
GDGZ2012M190TF	19±25%	100	0.040	2000
GDGZ2012M310TF	31±25%	100	0.050	1500
GDGZ2012M400TF	40±25%	100	0.060	1000
GDGZ2012M600TF	60±25%	100	0.100	1000
GDGZ2012M700TF	70±25%	100	0.100	1000
GDGZ2012M800TF	80±25%	100	0.100	1000
GDGZ2012M121TF	120±25%	100	0.150	800
GDGZ2012M151TF	150±25%	100	0.180	700
GDGZ2012M181TF	180±25%	100	0.180	700
GDGZ2012M221TF	220±25%	100	0.200	600
GDGZ2012M301TF	300±25%	100	0.200	500
GDGZ2012M421TF	420±25%	100	0.300	500
GDGZ2012M501TF	500±25%	100	0.300	500
GDGZ2012M601TF	600±25%	100	0.300	500
GDGZ2012M751TF	750±25%	100	0.350	500
GDGZ2012M102TF	1000±25%	100	0.350	500
GDGZ2012M152TF	1500±25%	50	0.400	500
GDGZ2012M202TF	2000±25%	50	0.500	500
GDGZ2012M252TF	2500±25%	50	0.700	200

GDGZ 3216 系列

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
GDGZ3216M000TF	0~15	100	0.030	2200
GDGZ3216M110TF	11±25%	100	0.050	2000
GDGZ3216M190TF	19±25%	100	0.050	2000
GDGZ3216M260TF	26±25%	100	0.050	2000
GDGZ3216M310TF	31±25%	100	0.050	2000
GDGZ3216M400TF	40±25%	100	0.100	1000
GDGZ3216M600TF	60±25%	100	0.100	1000

GDGZ 3216 系列

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
GDGZ3216M700TF	70±25%	100	0.100	1000
GDGZ3216M800TF	80±25%	100	0.100	1000
GDGZ3216M121TF	120±25%	100	0.100	1000
GDGZ3216M151TF	150±25%	100	0.200	600
GDGZ3216M181TF	180±25%	100	0.200	600
GDGZ3216M221TF	220±25%	100	0.200	600
GDGZ3216M301TF	300±25%	100	0.200	600
GDGZ3216M501TF	500±25%	100	0.300	600
GDGZ3216M601TF	600±25%	100	0.300	600
GDGZ3216M751TF	750±25%	100	0.350	600
GDGZ3216M102TF	1000±25%	100	0.600	500
GDGZ3216M122TF	1200±25%	100	0.600	300
GDGZ3216M152TF	1500±25%	50	0.700	200
GDGZ3216M202TF	2000±25%	50	0.700	200
GDGZ3216M252TF	2500±25%	50	0.800	200

GDGZ 3225 系列

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
GDGZ3225M700TF	70±25%	100	0.050	2000
GDGZ3225M800TF	80±25%	100	0.050	2000
GDGZ3225M900TF	90±25%	100	0.100	1000

GDGZ 4516 系列

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
GDGZ4516M700TF	70±25%	100	0.050	2000
GDGZ4516M101TF	100±25%	100	0.100	1500
GDGZ4516M151TF	150±25%	100	0.150	1000

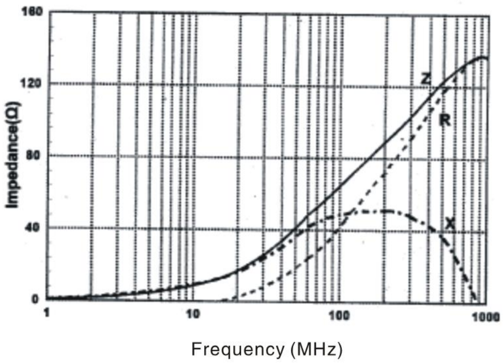
GDGZ 4532 系列

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
GDGZ4532M700TF	70±25%	100	0.050	2000
GDGZ4532M101TF	100±25%	100	0.100	1500
GDGZ4532M121TF	120±25%	100	0.100	1500

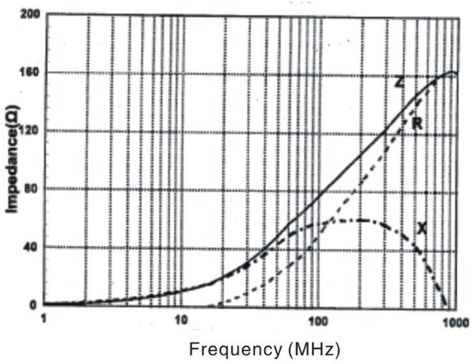
电气特性 TYPICAL ELECTRCAL CHARACTERISTICS

GZ 0603 系列

GZ0603M600



GZ0603M800



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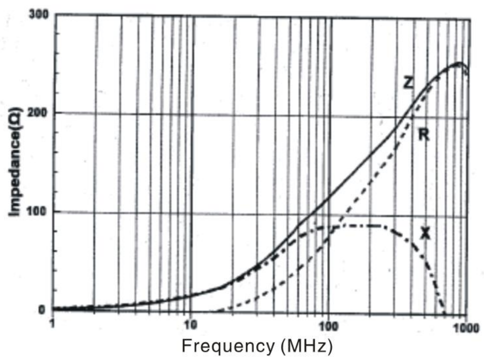
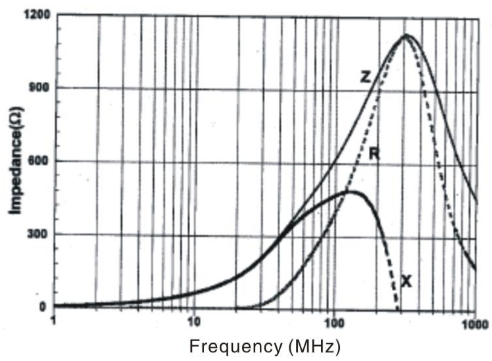


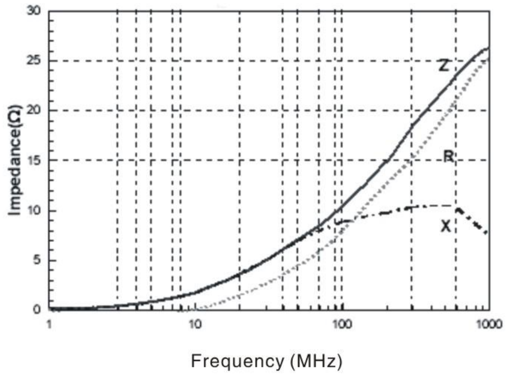
GZ0603M601



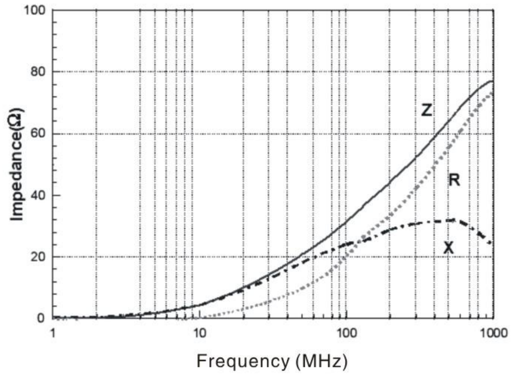
叠层片式铁氧体磁珠 GDGZ 系列

GZ 1005 系列

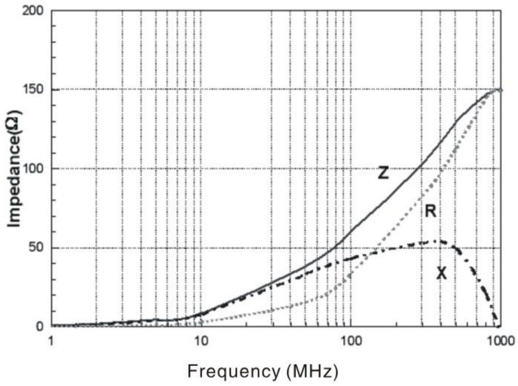
GZ1005M100



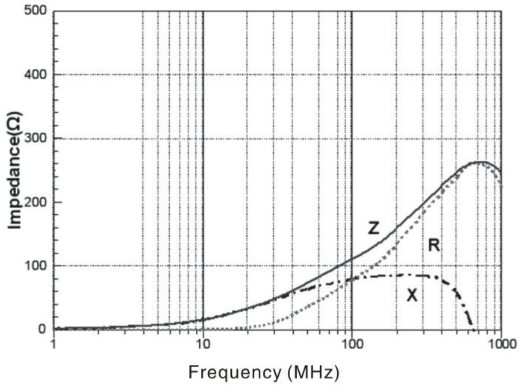
GZ1005M310



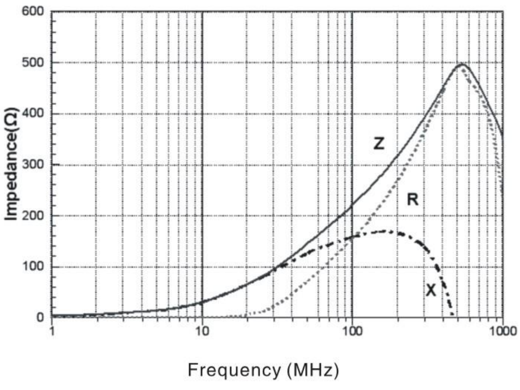
GZ1005M600



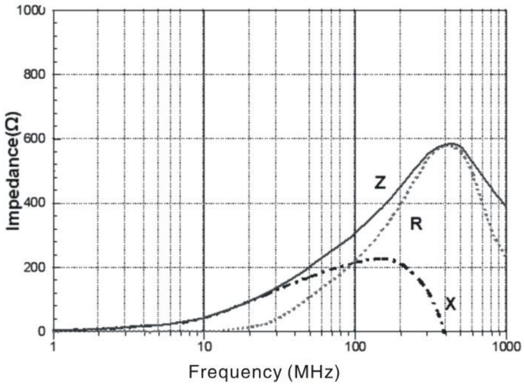
GZ1005M121



GZ1005M221



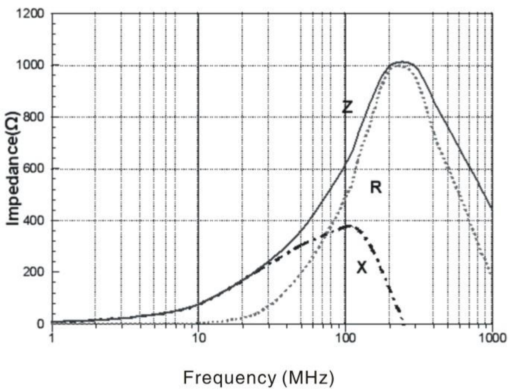
GZ1005M301



叠层片式铁氧体磁珠 GDGZ 系列

GZ 1005 系列

GZ1005M601



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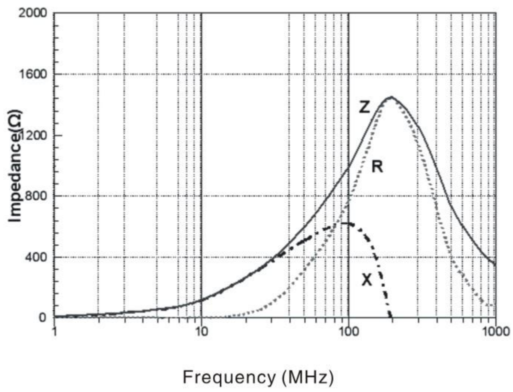

GZ 1608 系列

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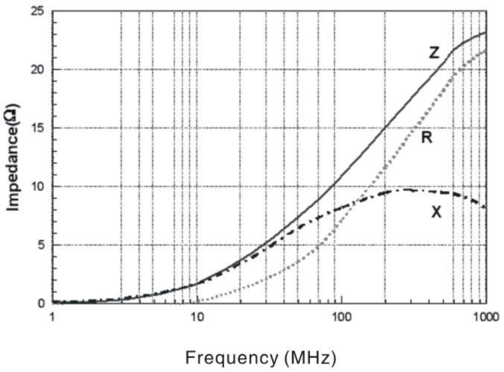
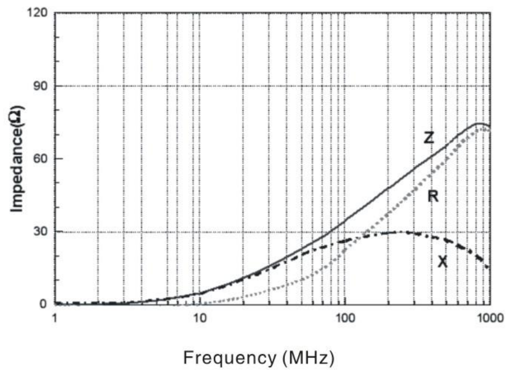


GZ1608M300



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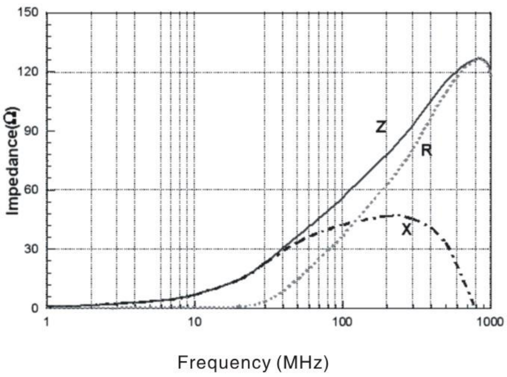

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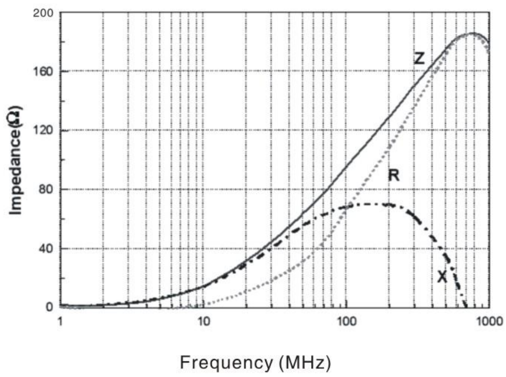
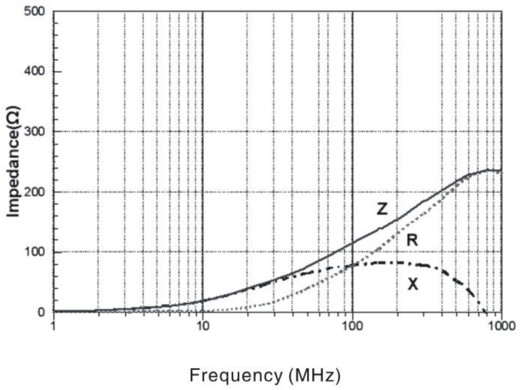
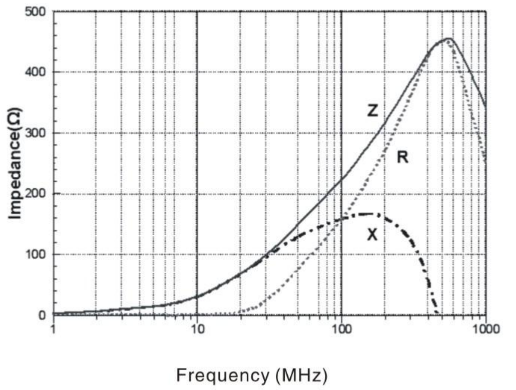


GZ 1608 系列

GZ1608M121



GZ1608M221



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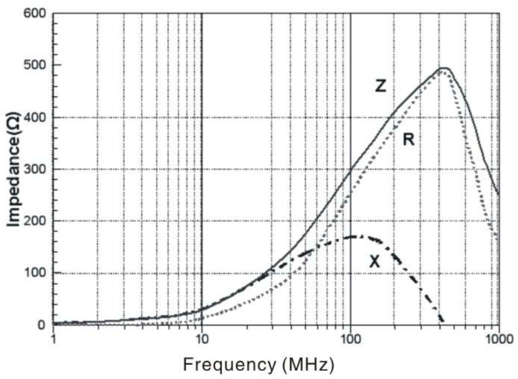
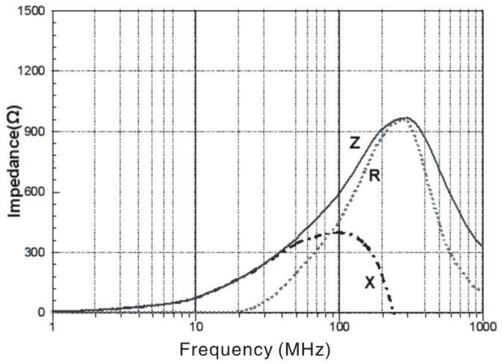
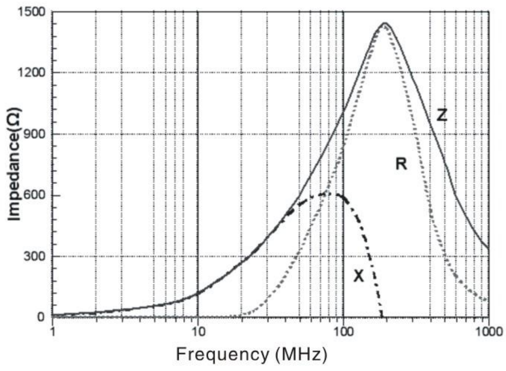


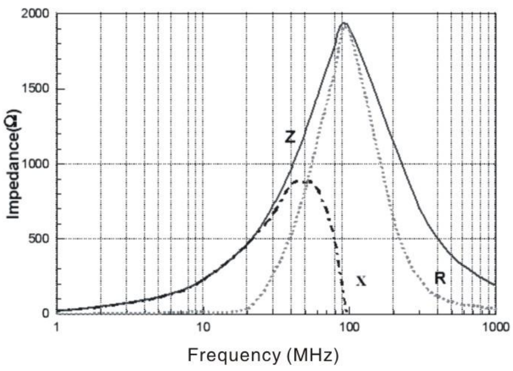
GZ1608M601



GZ1608M102

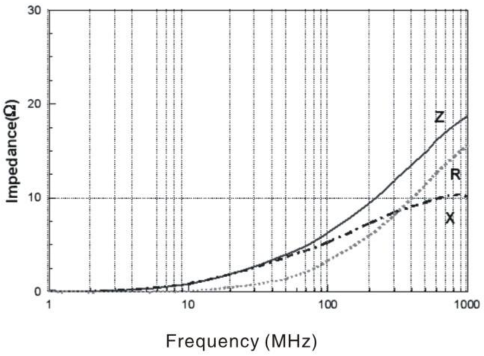


GZ1608M182



GZ 2012 系列

GZ2012M070



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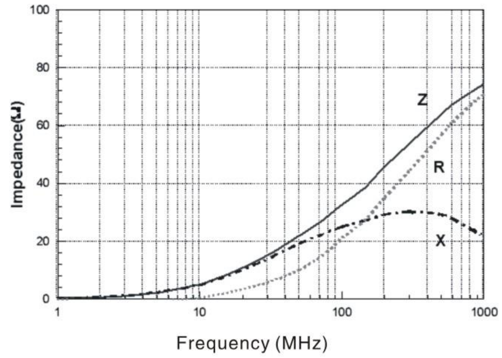
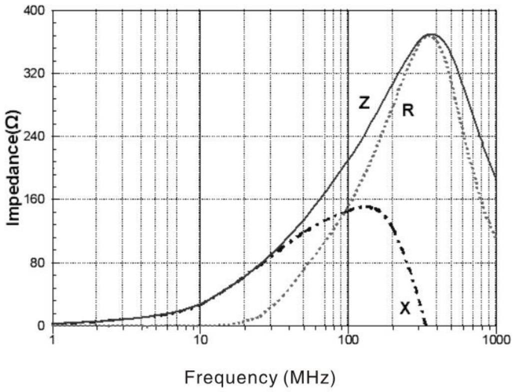
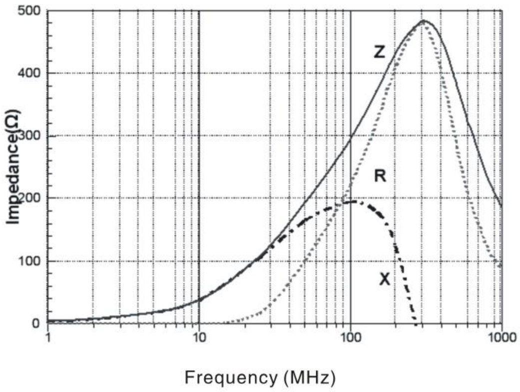


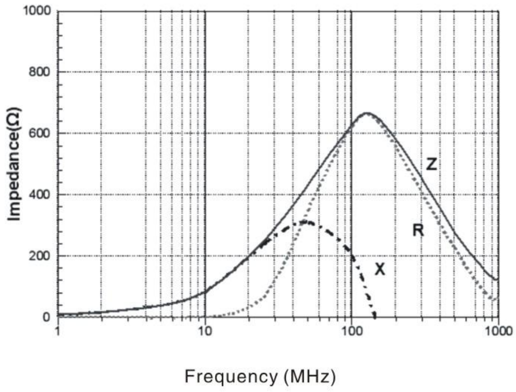
GZ2012M221



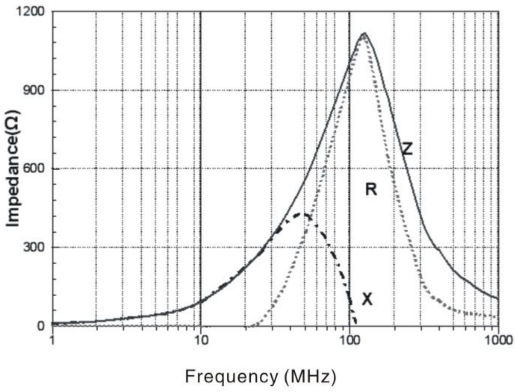
GZ2012M301



GZ2012M601

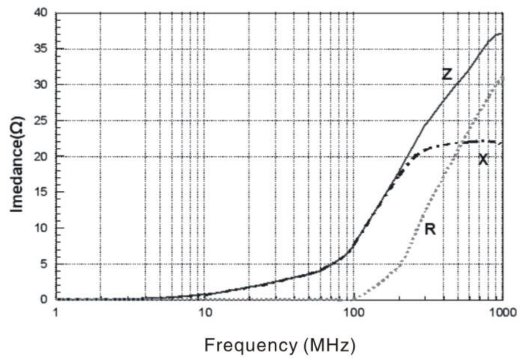


GZ2012M102

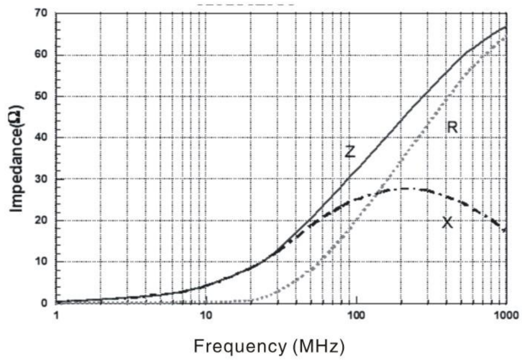


GZ 3216 系列

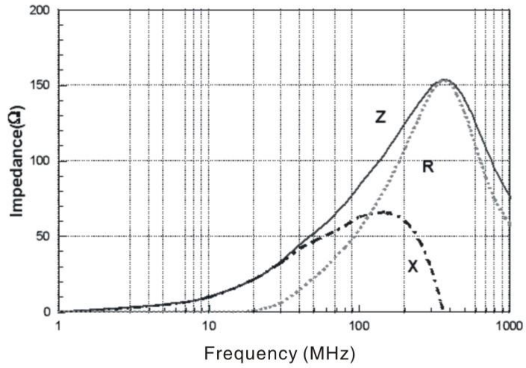
GZ3216M000



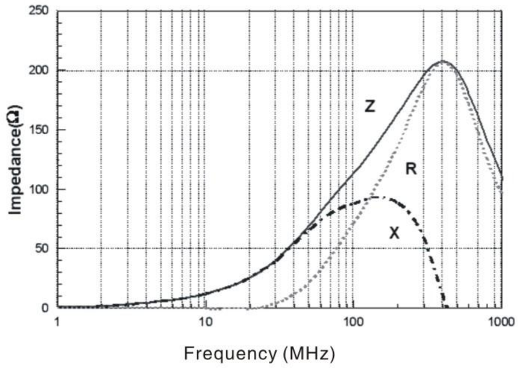
GZ3216M310



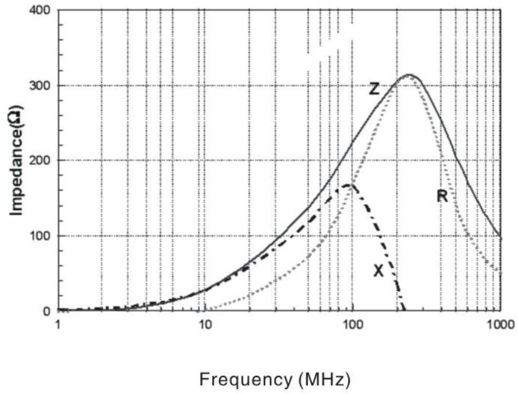
GZ3216M800



GZ3216M121



GZ3216M221



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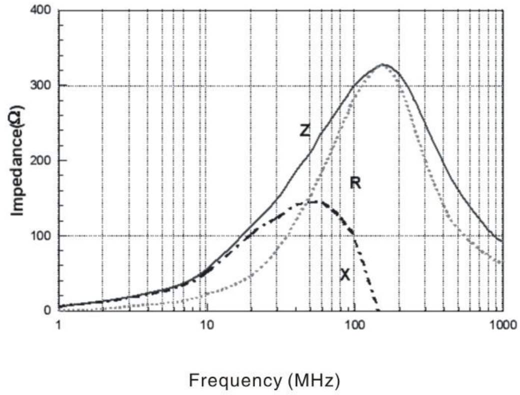
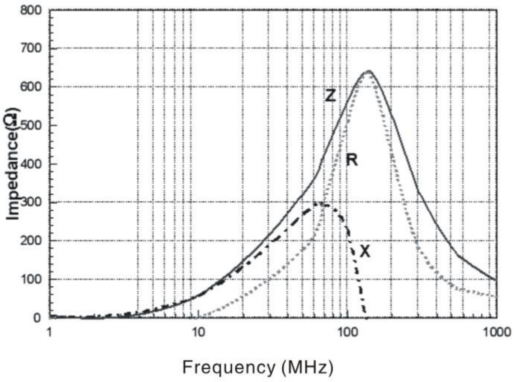


GZ 3216 系列

GZ3216M601



GZ3216M102