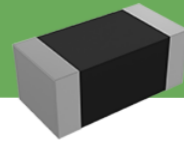


叠层片式铁氧体磁珠—AGZ 系列

Multilayer Chip Ferrite Bead –AGZ Series



工作温度

Operating Temp

- ◆ -55°C ~+125°C

特征

Features

- ◆ 叠层结构, 具有良好的屏蔽特性
- ◆ 在十几 MHz 至几百 MHz 内具有优良的 EMI 抑制效果
- ◆ 可选择阻抗范围宽, 适用于不同的电子线路
- ◆ 工作温度范围: -55°C ~125°C
- ◆ 满足 AEC-Q200D
- ◆ Internal silver printed layers and magnetic shielded structures to minimize crosstalk
- ◆ Excellent EMI suppression effect within dozens of MHz to hundreds of MHz
- ◆ Wide range of impedance, suitable for different electronic circuits
- ◆ Operating temperature range:-55°C ~125°C
- ◆ AEC-Q200D verified

用途

Applications

- ◆ 用于汽车动力总成 / 安全设备、汽车信息娱乐 / 舒适设备、消费设备的低速信号线的噪声抑制
- ◆ Noise suppression for general signal lines of automotive powertrain/safety equipment, automotive infotainment/comfort equipment, consumer equipment

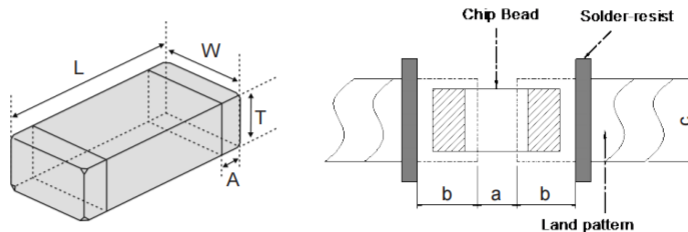
产品型号

Product Identification

1	2	3	4	5	6	7	8	9
A	GZ	15S	U	G	601	H	1	T
1 特征代码 Feature Code			2 分类 Type			3 外形尺寸 (L×W×H) (mm) External Dimensions (L×W×H) (mm)		
A	车载电子 For Automotive		GZ	片式铁氧体普通磁珠 Chip Ferrite Bead for General Use		15S[0402]	1.0×0.5×0.5	
						18S[0603]	1.6×0.8×0.8	
						21S[0805]	2.00×1.25×0.85	
						31S[1206]	3.2×1.6×1.1	
4 材料代号 Material Code			5 内部代码 Internal Code			6 标称阻抗值 Nominal Impedance		
U			G			例子 Example	感值 Nominal Value	
						601	600Ω	
						202	2000Ω	
7 应用分类 Application category			8 最高应用温度 Maximum Operating Temperature			9 包装 Packing		
H	不限制应用范围 All Applications		1	125°C		1	编带 Tape & Reel	

外观尺寸

Shape and Dimensions



系列 Type	L	W	T	A	a	b	c
15S [0402]	1.0±0.05 [0.039±0.002]	0.5±0.05 [0.020±0.002]	0.5±0.05 [0.020±0.002]	0.25±0.1 [0.010±0.004]	0.5	0.4	0.6
18S [0603]	1.6±0.15 [0.063±0.006]	0.8±0.15 [0.031±0.006]	0.8±0.15 [0.031±0.006]	0.4±0.2 [0.016±0.008]	0.63	0.76	1.05
21S [0805]	2.0±0.2 [0.079±0.008]	1.25±0.2 [0.049±0.008]	0.85±0.2 [0.033±0.008]	0.5±0.2 [0.020±0.008]	0.64	0.99	1.45
31S [1206]	3.2±0.2 [0.126±0.008]	1.60±0.2 [0.063±0.008]	1.10±0.2 [0.043±0.008]	0.7±0.3 [0.028±0.012]	1.39	1.44	1.80

规格特性

Specifications

AGZ15 TYPE

型号 Part Number	阻抗 Impedance	阻抗的测试频率 Z Test Frequency	直流电阻 Max. DC Resistance		额定电流 Max. Rated Current		厚度 Thickness
			Initial Value	Value After Testing	@85°C	@125°C	
单位 Units	Ω	MHz	mΩ		A		mm [inch]
符号 Symbol	Z	Freq.	DCR		Ir		T
AGZ15SUG000H1T	0~10	100	20	30	1.00	1.00	0.5±0.05 [0.020±0.002]
AGZ15SUG100H1T	10±5	100	50	100	1.00	1.00	
AGZ15SUG700H1T	70±30	100	150	200	0.50	0.50	
AGZ15SUG101H1T	100±25%	100	250	300	0.50	0.50	
AGZ15SUG121H1T	120±25%	100	250	350	0.50	0.50	
AGZ15SUG221H1T	220±25%	100	350	450	0.30	0.30	
AGZ15SUG601H1T	600±25%	100	600	700	0.30	0.30	
AGZ15SUG102H1T	1000±25%	100	650	750	0.30	0.30	

AGZ18 TYPE

型号 Part Number	阻抗 Impedance	阻抗的测试频率 Z Test Frequency	直流电阻 Max. DC Resistance		额定电流 Max. Rated Current		厚度 Thickness
			Initial Value	Value After Testing	@85°C	@125°C	
单位 Units	Ω	MHz	mΩ		A		mm [inch]
符号 Symbol	Z	Freq.	DCR		Ir		T
AGZ18SUG000H1T	0~10	100	20	30	2.00	1.00	0.8±0.15 [0.031±0.006]
AGZ18SUG800H1T	80±25%	100	150	300	0.50	0.50	
AGZ18SUG121H1T	120±25%	100	180	280	0.80	0.80	
AGZ18SUG221H1T	220±25%	100	250	350	0.70	0.70	
AGZ18SUG301H1T	300±25%	100	300	400	0.50	0.50	
AGZ18SWG301H1T	300±25%	100	250	300	0.50	0.50	
AGZ18SUG331H1T	330±25%	100	300	400	0.60	0.60	
AGZ18SUG471H1T	470±25%	100	350	450	0.55	0.55	
AGZ18SUG601H1T	600±25%	100	380	480	0.50	0.50	
AGZ18SUG102H1T	1000±25%	100	500	600	0.45	0.45	
AGZ18SUG152H1T	1500±25%	100	600	700	0.30	0.30	
AGZ18SUG202H1T	2000±25%	100	900	1000	0.20	0.20	

AGZ21 TYPE

型号 Part Number	阻抗 Impedance	阻抗的测试频率 Z Test Frequency	直流电阻 Max. DC Resistance		额定电流 Max. Rated Current		厚度 Thickness
			Initial Value	Value After Testing	@85°C	@125°C	
单位 Units	Ω	MHz	mΩ		A		mm [inch]
符号 Symbol	Z	Freq.	DCR		Ir		T
AGZ21SWG300H1T	30±25%	100	50	100	1.50	1.50	0.85±0.2 [0.033±0.008]
AGZ21SUG400H1T	40±25%	100	100	120	1.00	1.00	
AGZ21SUG121H1T	120±25%	100	90	190	1.00	1.00	
AGZ21SUG301H1T	300±25%	100	150	250	0.80	0.80	
AGZ21SUG331H1T	330±25%	100	150	250	0.80	0.80	
AGZ21SUG601H1T	600±25%	100	200	300	0.70	0.70	
AGZ21SUG102H1T	1000±25%	100	270	370	0.60	0.60	
AGZ21SWG102H1T	1000±25%	100	350	400	0.50	0.50	
AGZ21SUG152H1T	1500±25%	100	350	450	0.70	0.70	

规格特性 Specifications

AGZ31 TYPE

型号 Part Number	阻抗 Impedance	阻抗的测试频率 Z Test Frequency	直流电阻 Max. DC Resistance		额定电流 Max. Rated Current		厚度 Thickness
			Initial Value	Value After Testing	@85°C	@125°C	
单位 Units	Ω	MHz	m Ω		A		mm [inch]
符号 Symbol	Z	Freq.	DCR		Ir		T
AGZ31SUG601H1T	600 $\pm$ 25%	100	300	400	0.50	0.50	1.10 $\pm$ 0.2 [0.043 $\pm$ 0.008]

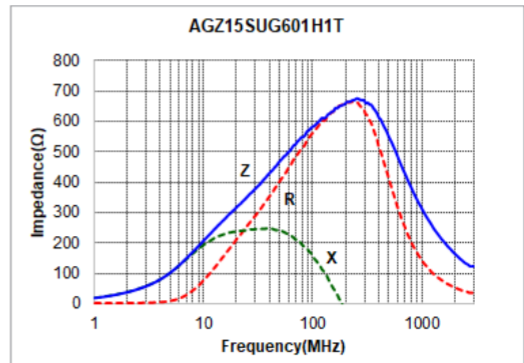
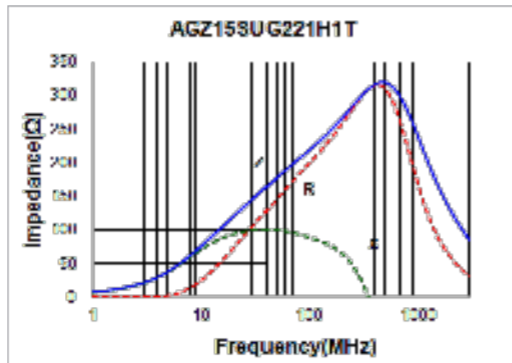
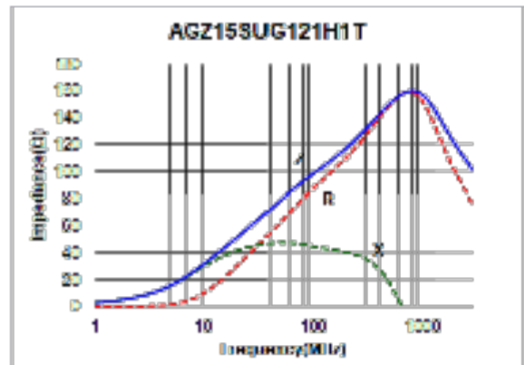
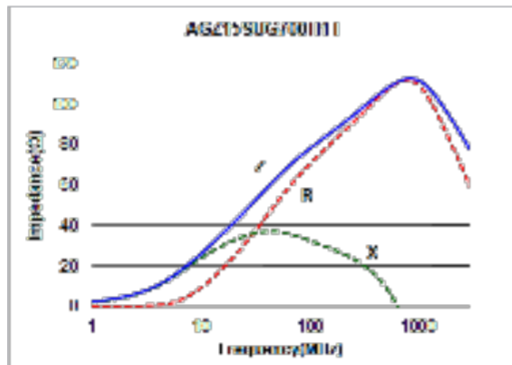
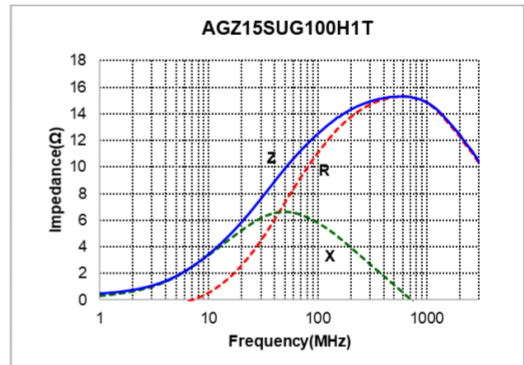
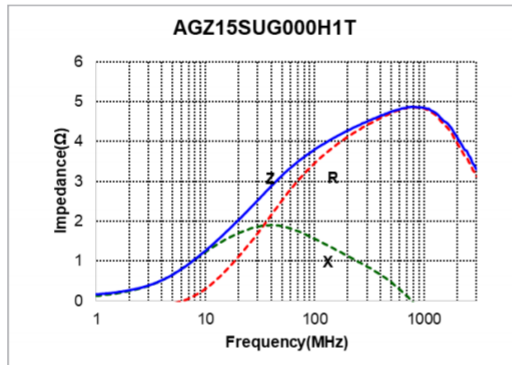
※: 可根据客户要求提供具有其他电气特性的产品。请联系当地销售人员

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

电气特性

Detail Electrical Characteristics

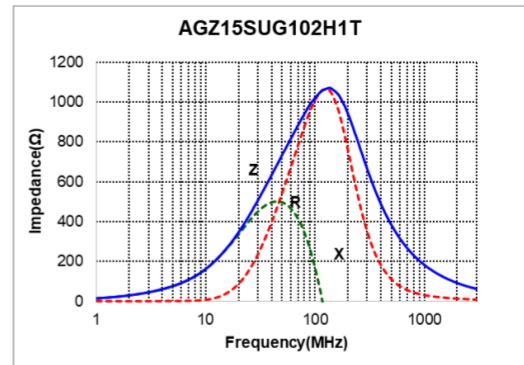
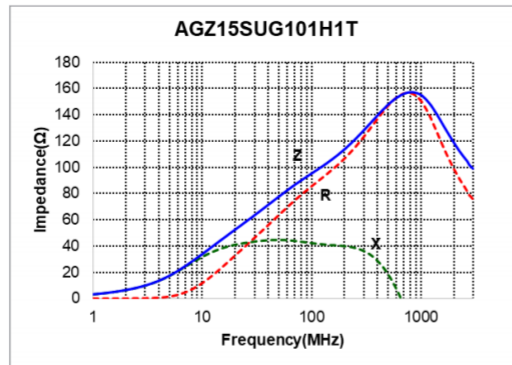
AGZ15 TYPE



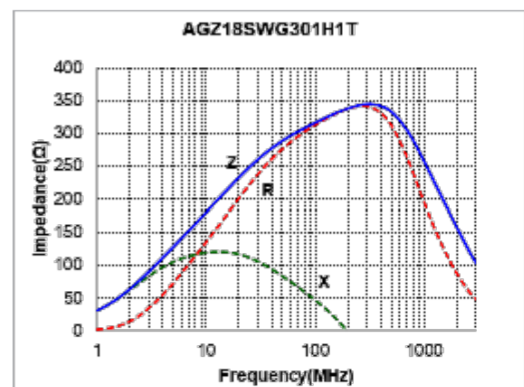
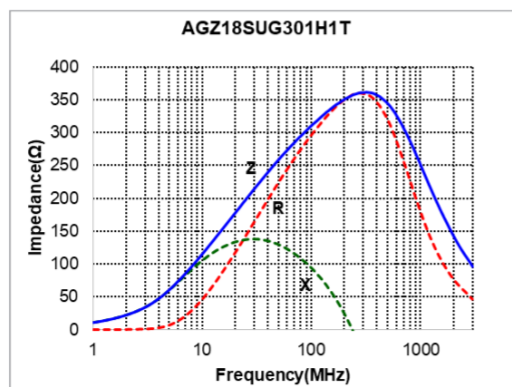
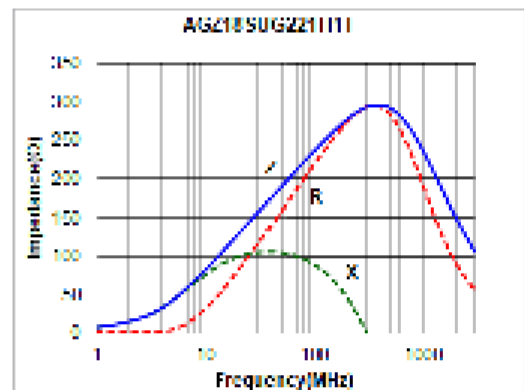
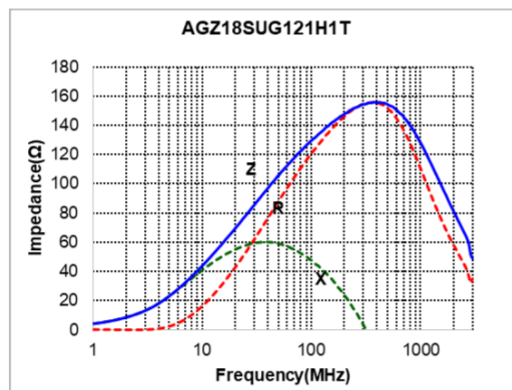
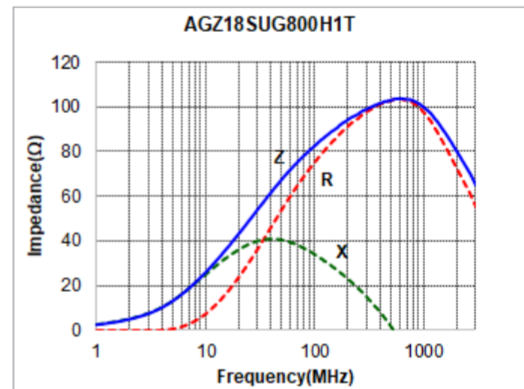
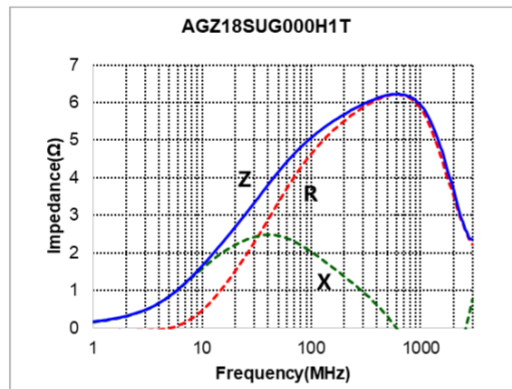
电气特性

Detail
Electrical
Characteristics

AGZ15 TYPE



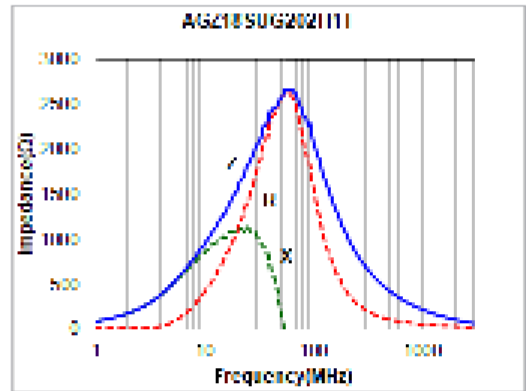
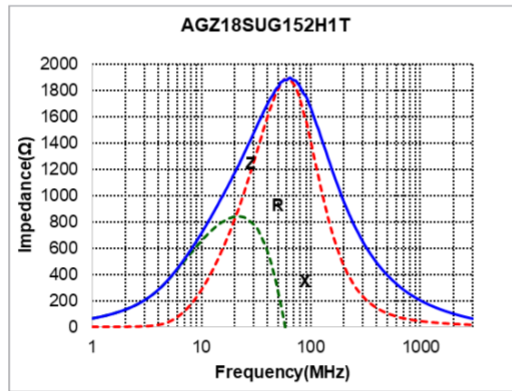
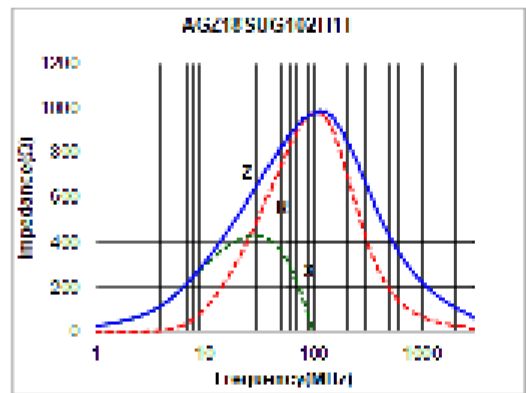
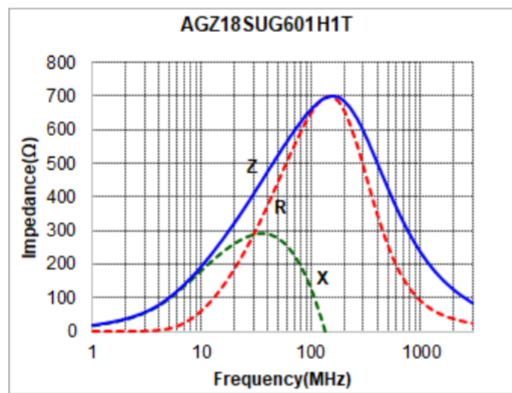
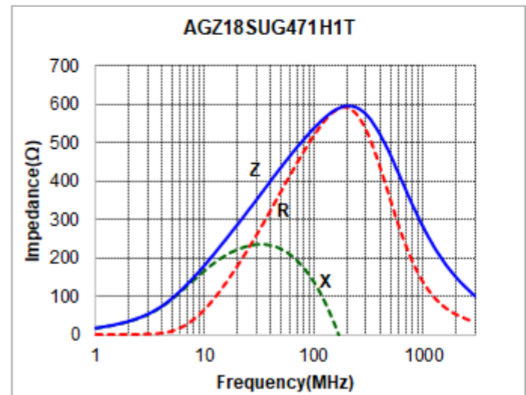
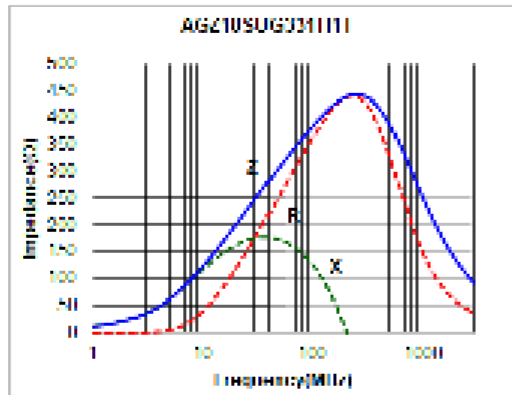
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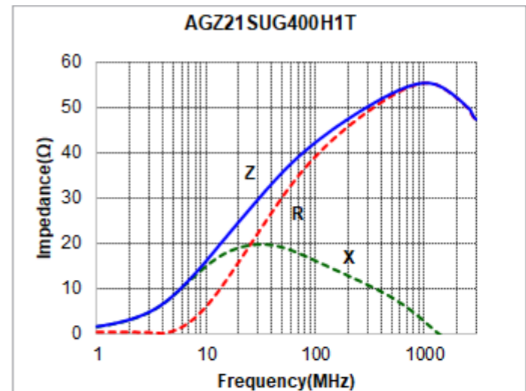
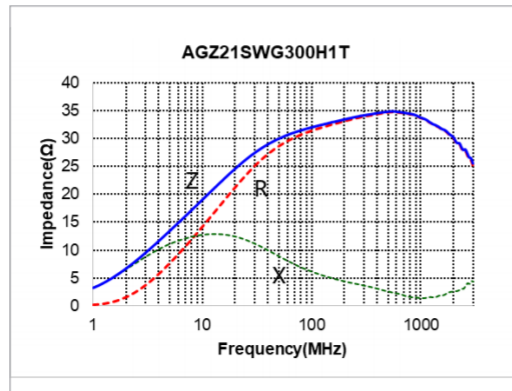
电气特性

Detail
Electrical
Characteristics

AGZ18 TYPE



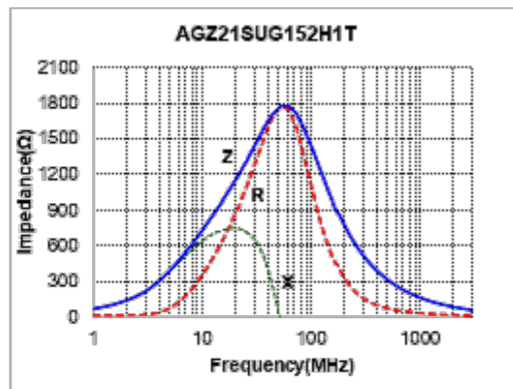
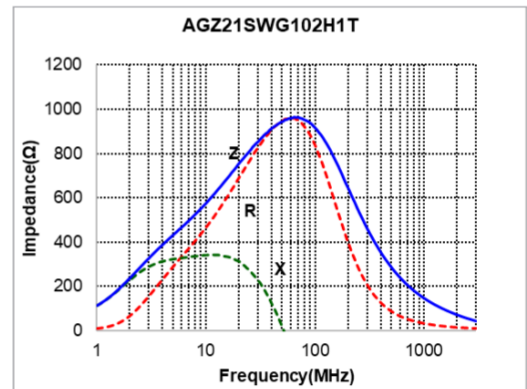
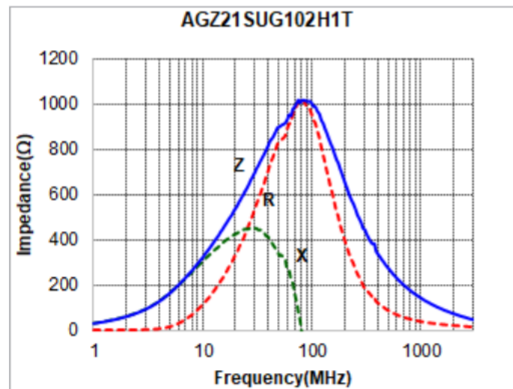
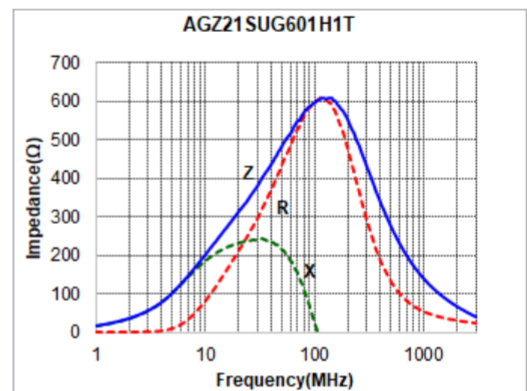
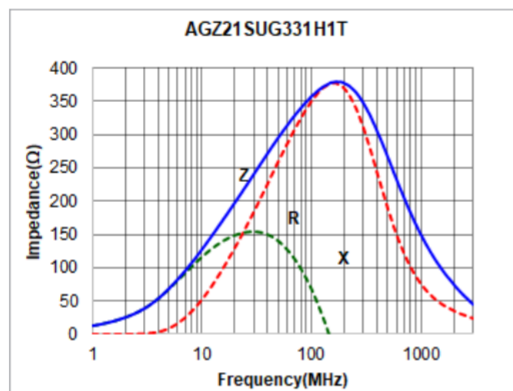
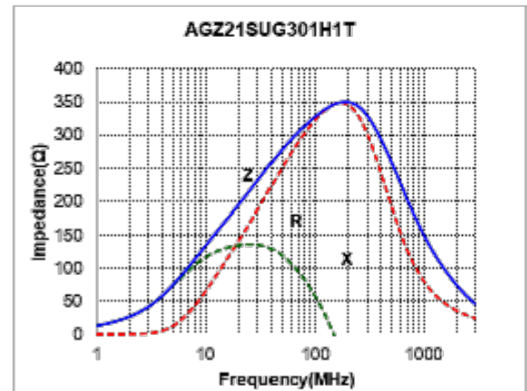
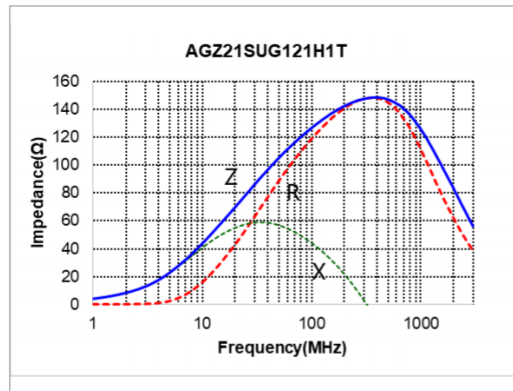
AGZ21 TYPE



电气特性

Detail
Electrical
Characteristics

AGZ21 TYPE



电气特性

Detail
Electrical
Characteristics

AGZ31 TYPE

