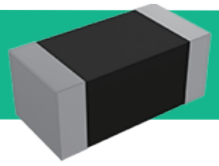
叠层片式铁氧体磁珠—SZ-C 系列
Multilayer Chip Ferrite Bead – SZ-C Series



工作温度 Operating Temp

- -55℃ ~+125℃

特征 Features

- 内部印有银电极的叠层结构，铁氧体屏蔽无串扰
- 在某一频率区域内，其阻抗值急剧上升，从而在特定的频率区域内可获得较高的衰减效果而对信号不产生影响
- 相对于 SZ 系列具有更小的直流电阻和更大的额定电流
- Internal silver printed layers and magnetic shielded structures to minimize crosstalk
- It has sharp impedance characteristics at desirable frequency and does not affect the signal frequency
- Smaller DC resistance and larger rate current than SZ series

用途 Applications

- 电脑及周边设备，机顶盒、LCD TV 等音视频设备，通讯设备，办公自动化等电子设备的高速信号线的噪声抑制
- Noise suppression for high speed signal of electric equipments such as computers and peripheral devices, Set-Top-Box, LCD TVs, communication equipments, OA equipments, etc.

产品型号 Product Identification

1	2	3	4	5	6	7
SZ	1608	G	121	C	T	F

1 分类 Type

SZ	片式铁氧体尖峰磁珠 Chip Ferrite Bead For High Speed

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

3 材料代号 Material Code

G, K

4 公称阻抗值 Nominal Impedance

Example	Nominal Value
600	60Ω
121	120Ω

5 特征代码 Feature Code

C

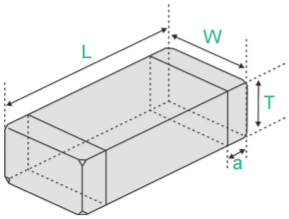
6 包装 Packing

T	编带 Tape & Reel

7 无有害物质产品 Hazardous Substance Free Products

F

外观尺寸 Shape and Dimensions



Unit: mm [inch]

Type	L	W	T	a
SZ1005 [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]
SZ1608 [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]

规格特性
Specifications

SZ1005-C 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
单位 Units	Ω	MHz	Ω	mA	mm [inch]
符号 Symbol	Z	Freq.	DCR	Ir	T
SZ1005G050CTF	0~15	100	0.08	500	0.5±0.15 [.020±.006]
SZ1005G221CTF	220±25%	100	0.60	250	
SZ1005K750CTF	75±25%	100	0.20	600	
SZ1005K121CTF	120±25%	100	0.30	400	
SZ1005K221CTF	220±25%	100	0.40	300	
SZ1005K301CTF	300±25%	100	0.55	300	
SZ1005K471CTF	470±25%	100	0.60	200	
SZ1005K601CTF	600±25%	100	0.65	200	
SZ1005K102CTF	1000±25%	100	0.90	200	
SZ1005K152CTF	1500±25%	100	1.20	100	
SZ1005K182CTF	1800±25%	100	1.40	100	

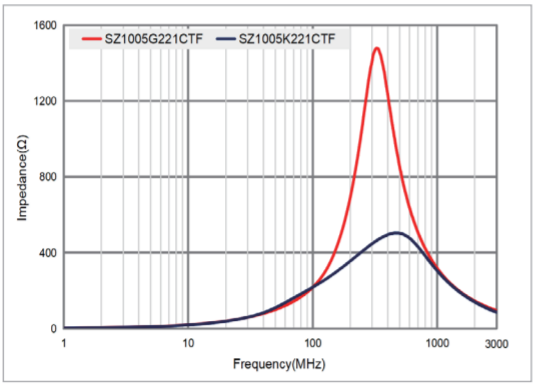
SZ1608-C TYPE

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
单位 Units	Ω	MHz	Ω	mA	mm [inch]
符号 Symbol	Z	Freq.	DCR	Ir	T
SZ1608G600CTF	60±25%	100	0.25	800	0.8±0.15 [.031±.006]
SZ1608G121CTF	120±25%	100	0.30	700	
SZ1608G221CTF	220±25%	100	0.45	600	
SZ1608G331CTF	330±25%	100	0.58	550	
SZ1608K601CTF	600±25%	100	0.60	300	
SZ1608K102CTF	1000±25%	100	0.70	250	
SZ1608K152CTF	1500±25%	100	0.75	250	
SZ1608K182CTF	1800±25%	100	0.85	200	
SZ1608K222CTF	2200±25%	100	0.90	200	
SZ1608K252CTF	2500±25%	100	1.00	200	

※: 可根据客户需求提供其他电气特性产品，请联系您当地的销售人员。
※: Products with other Electrical Characteristics can be provided upon customer's request. Please contact your local sales.

电气特性
Typical Electrical Characteristics

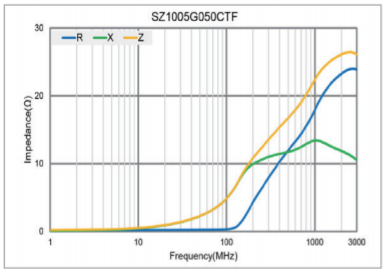
G, K Material Comparison

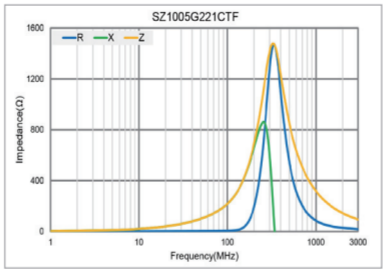


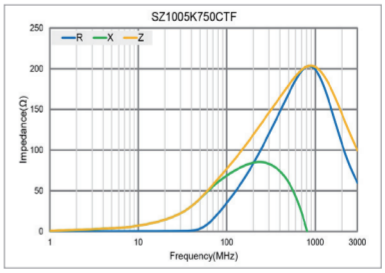
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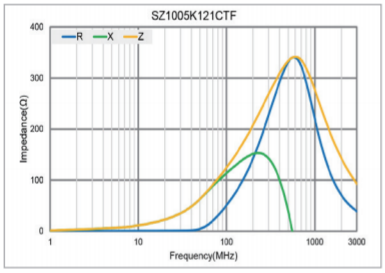
电气特性
Detail Electrical Characteristics

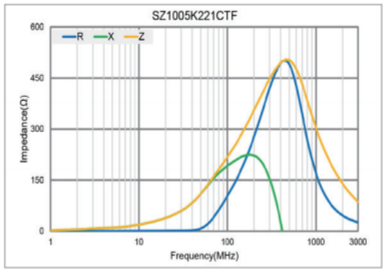
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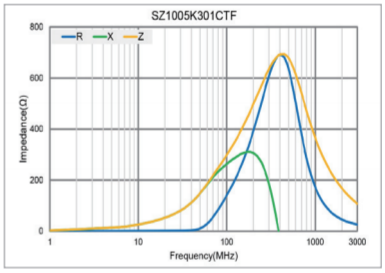


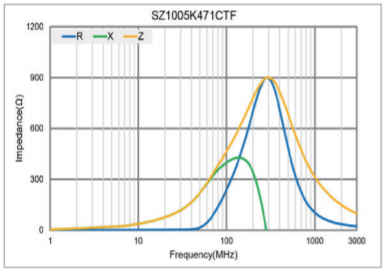


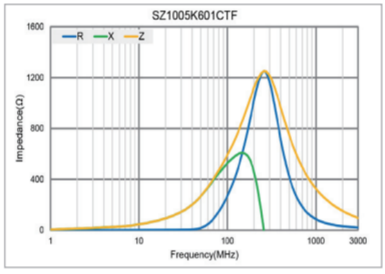


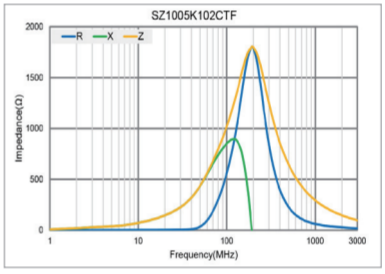


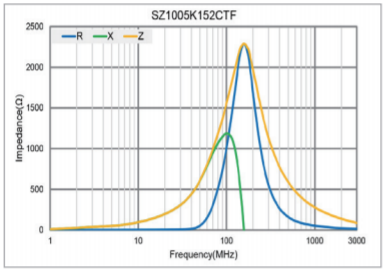


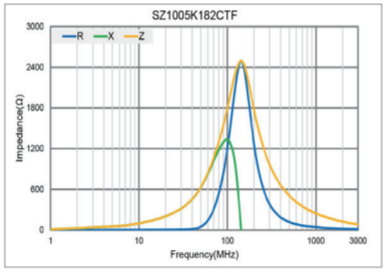




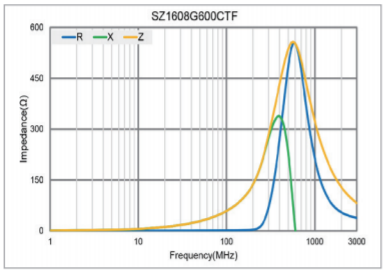


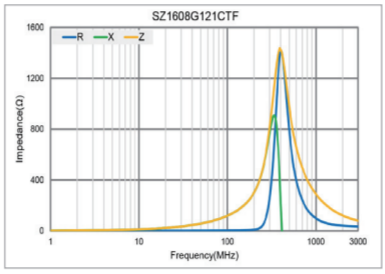


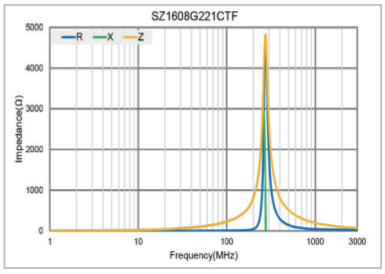




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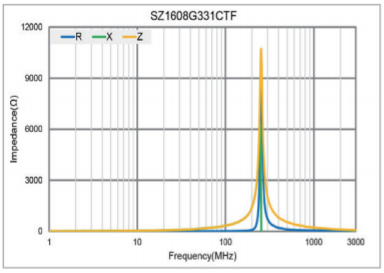


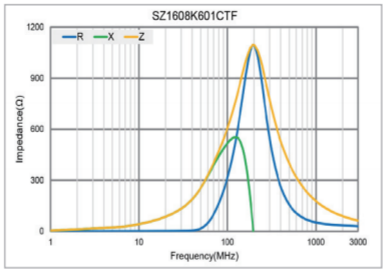


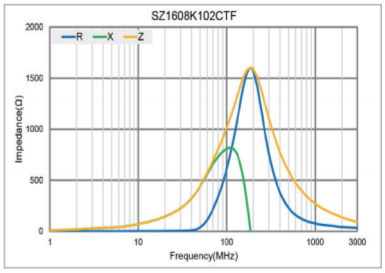


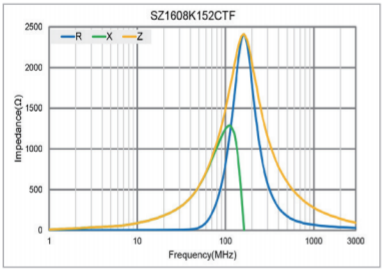
电气特性
Detail Electrical Characteristics

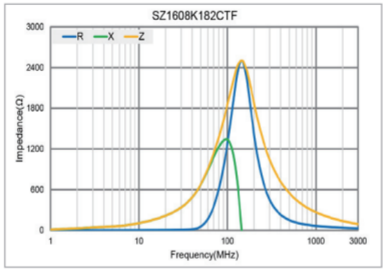
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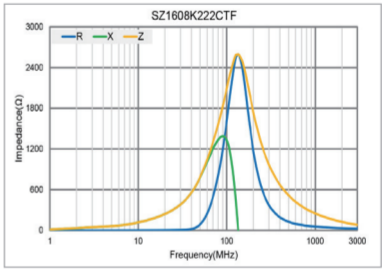


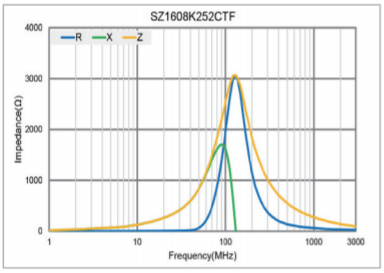












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