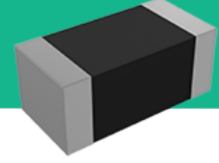


叠层片式铁氧体磁珠—GZ-C 系列

Multilayer Chip Ferrite Bead – GZ-C Series



工作温度 Operating Temp

- ◆ -55°C ~ +125°C

特征 Features

- ◆ 内部印有银电极的叠层结构，铁氧体屏蔽无串扰
- ◆ 在较宽的频率范围（几十 MHz 至几百 MHz）内具有优良的 EMI 抑制效果
- ◆ 相对 GZ 系列具有较小的直流电阻和较大的额定电流
- ◆ Internal silver printed layers and magnetic shielded structures to minimize crosstalk
- ◆ Can be used in a wide range of frequency (from dozens of MHz to hundreds of MHz) to suppress EMI
- ◆ Smaller DC resistance and large rate current than GZ series

用途 Applications

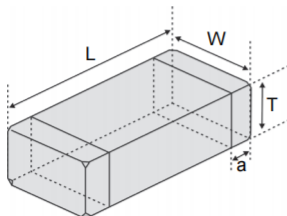
- ◆ 电脑及周边设备，智能穿戴设备，LCD TV 等音视频设备，通讯设备，办公自动化等电子设备的低速信号线的噪声抑制
- ◆ Noise suppression for low speed signal of electric equipments such as computers and peripheral devices, smart wearable device, LCD TVs, communication equipments, OA equipments, etc.

产品型号 Product Identification

1	2	3	4	5	6	7
GZ	1005	D	121	C	T	F

1	2	3
分类 Type	外形尺寸 (L×W) (mm) External Dimensions (L×W) (mm)	材料代号 Material Code
GZ	片式铁氧体普通磁珠 Chip Ferrite Bead for General Use	D, E, U
4	5	6
公称阻抗值 Nominal Impedance	特征代码 Feature Code	包装 Packing
Example	C	T 编带 Tape & Reel
400		
121		
102		
		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
GZ0603 [0201]	0.6±0.05 [.024±.002]	0.3±0.05 [.012±.002]	0.3±0.05 [.012±.002]	0.15±0.05 [.006±.002]
GZ1005 [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]
GZ1608 [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

GZ0603-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	I _r	T
GZ0603D600CTF	60 $\pm$ 25%	100	0.3	200	0.3 $\pm$ 0.05 [.012 $\pm$.002]
GZ0603D800CTF	80 $\pm$ 25%	100	0.4	200	
GZ0603D121CTF	120 $\pm$ 25%	100	0.5	200	
GZ0603D241CTF	240 $\pm$ 25%	100	0.8	200	
GZ0603D601CTF	600 $\pm$ 25%	100	1.5	200	
GZ0603D102CTF	1000 $\pm$ 25%	100	2.0	100	

GZ1005-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	I _r	T
GZ1005D400CTF	40 $\pm$ 25%	100	0.12	550	0.5 $\pm$ 0.15 [.020 $\pm$.006]
GZ1005D800CTF	80 $\pm$ 25%	100	0.16	450	
GZ1005D121CTF	120 $\pm$ 25%	100	0.18	400	
GZ1005D241CTF	240 $\pm$ 25%	100	0.30	300	
GZ1005D301CTF	300 $\pm$ 25%	100	0.38	250	
GZ1005D421CTF	420 $\pm$ 25%	100	0.45	250	
GZ1005D471CTF	470 $\pm$ 25%	100	0.45	250	
GZ1005D501CTF	500 $\pm$ 25%	100	0.50	250	
GZ1005D601CTF	600 $\pm$ 25%	100	0.50	250	
GZ1005D751CTF	750 $\pm$ 25%	100	0.65	150	
GZ1005D102CTF	1000 $\pm$ 25%	100	0.70	150	
GZ1005D152CTF	1500 $\pm$ 25%	100	1.15	100	
GZ1005E800CTF	80 $\pm$ 25%	100	0.2	500	
GZ1005E121CTF	120 $\pm$ 25%	100	0.25	500	
GZ1005E241CTF	240 $\pm$ 25%	100	0.40	400	
GZ1005E601CTF	600 $\pm$ 25%	100	0.60	300	
GZ1005U100CTF	0~15	100	0.03	1000	
GZ1005U300CTF	30 $\pm$ 25%	100	0.06	700	
GZ1005U700CTF	70 $\pm$ 25%	100	0.10	700	
GZ1005U121CTF	120 $\pm$ 25%	100	0.20	500	
GZ1005U221CTF	220 $\pm$ 25%	100	0.30	400	
GZ1005U301CTF	300 $\pm$ 25%	100	0.50	300	
GZ1005U421CTF	420 $\pm$ 25%	100	0.52	300	
GZ1005U601CTF	600 $\pm$ 25%	100	0.55	300	
GZ1005U102CTF	1000 $\pm$ 25%	100	0.58	300	

GZ1608-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	I _r	T
GZ1608D121CTF	120 $\pm$ 25%	100	0.20	500	0.8 $\pm$ 0.15 [.031 $\pm$.006]
GZ1608D241CTF	240 $\pm$ 25%	100	0.30	500	
GZ1608D301CTF	300 $\pm$ 25%	100	0.35	500	
GZ1608D471CTF	470 $\pm$ 25%	100	0.40	500	
GZ1608D601CTF	600 $\pm$ 25%	100	0.40	500	

规格特性 Specifications

GZ1608-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	I _r	T
GZ1608D102CTF	1000±25%	100	0.50	400	0.8±0.15 [.031±.006]
GZ1608D152CTF	1500±25%	100	0.60	300	
GZ1608E121CTF	120±25%	100	0.20	500	
GZ1608E102CTF	1000±25%	100	0.50	400	
GZ1608U600CTF	60±25%	100	0.10	800	
GZ1608U800CTF	80±25%	100	0.10	600	
GZ1608U121CTF	120±25%	100	0.18	500	
GZ1608U151CTF	150±25%	100	0.25	500	
GZ1608U221CTF	220±25%	100	0.25	500	
GZ1608U301CTF	300±25%	100	0.25	500	
GZ1608U471CTF	470±25%	100	0.35	500	
GZ1608U601CTF	600±25%	100	0.38	500	
GZ1608U102CTF	1000±25%	100	0.50	400	

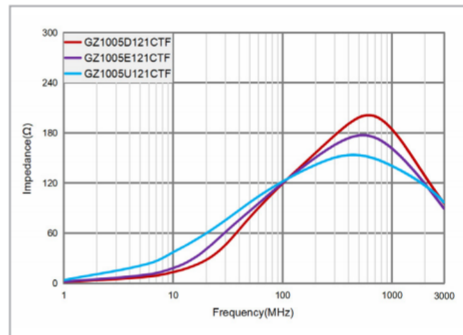
※: 可根据客户需求提供其他电气特性产品, 请联系您当地的销售人员。

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

电气特性

Typical Electrical Characteristics

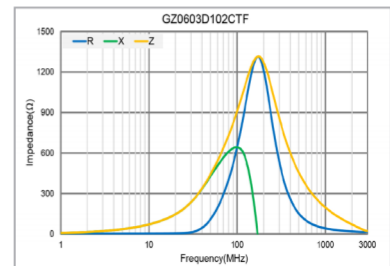
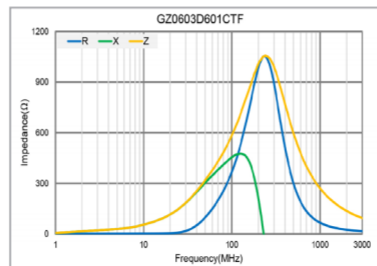
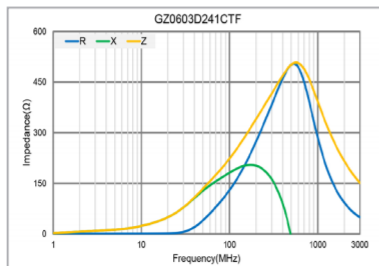
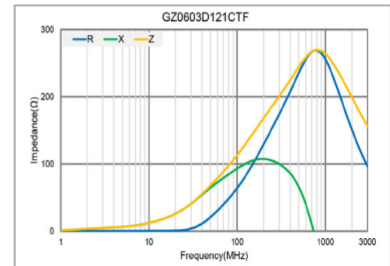
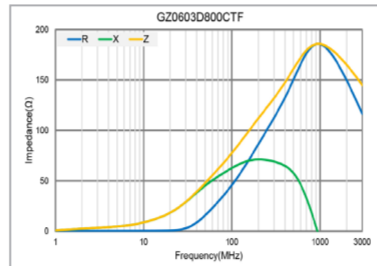
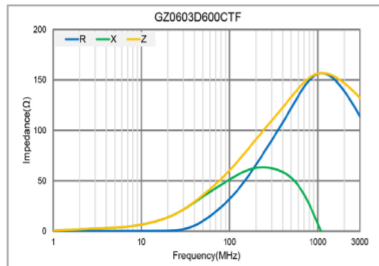
D, E, U Material Comparison



电气特性

Detail Electrical Characteristics

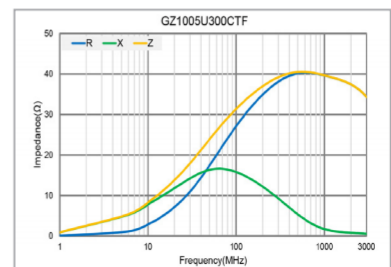
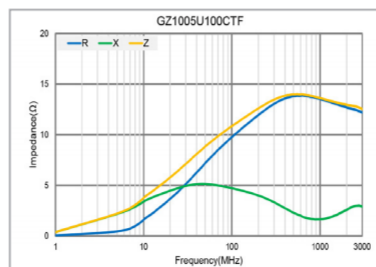
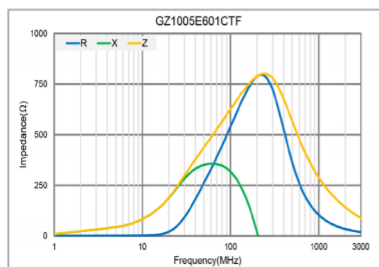
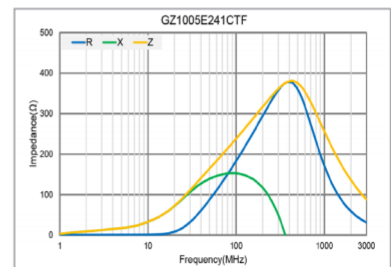
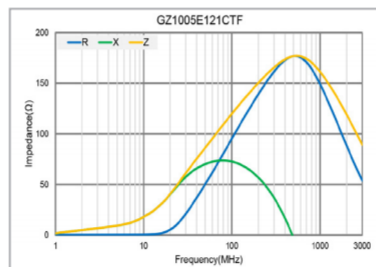
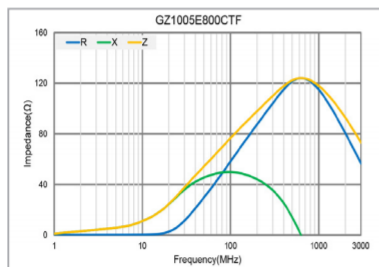
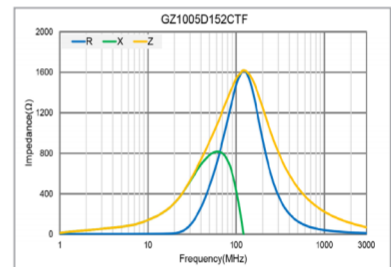
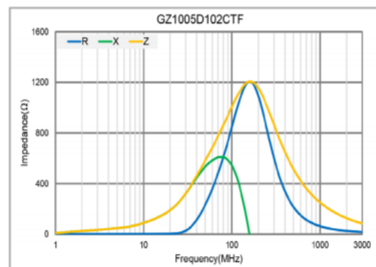
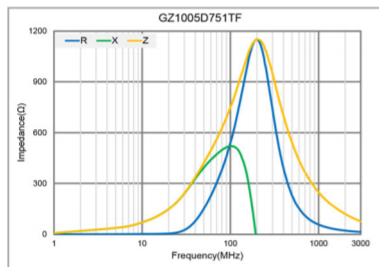
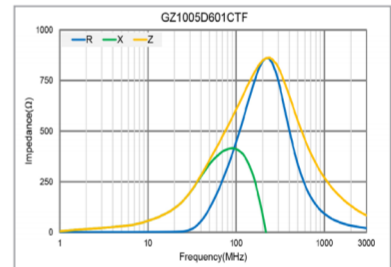
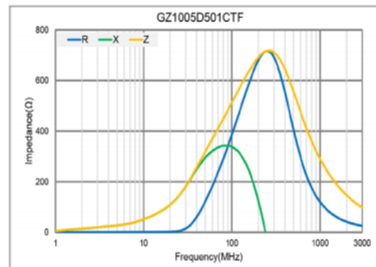
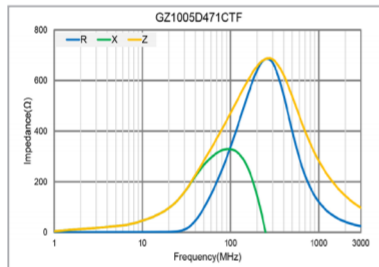
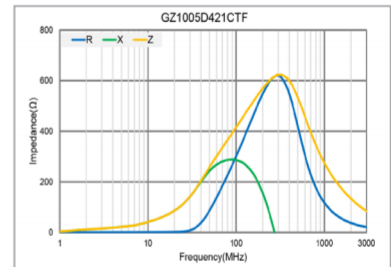
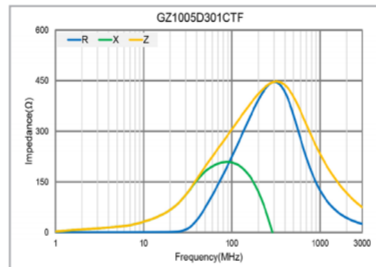
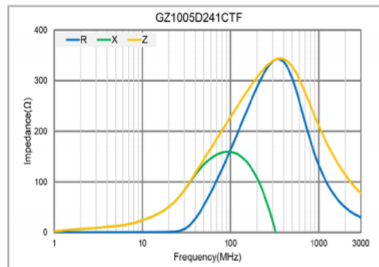
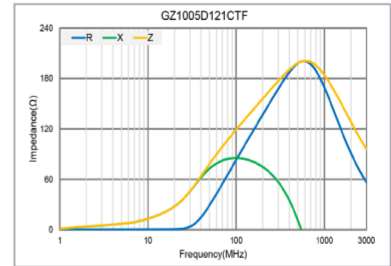
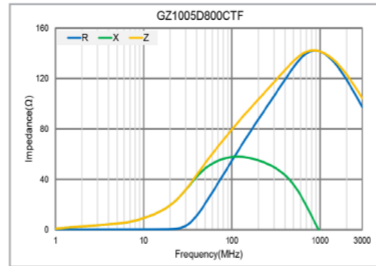
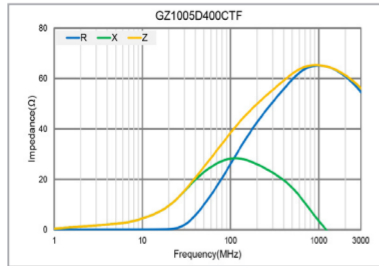
GZ0603-C TYPE



电气特性

Detail Electrical Characteristics

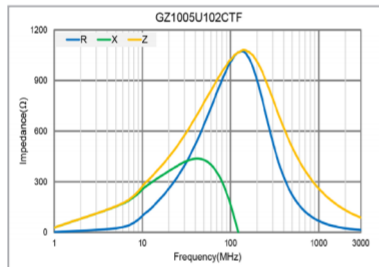
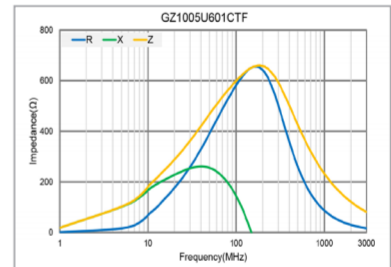
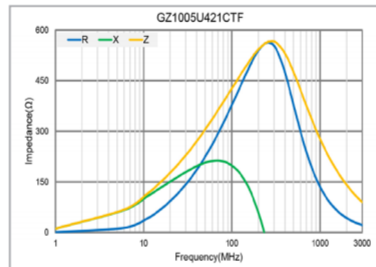
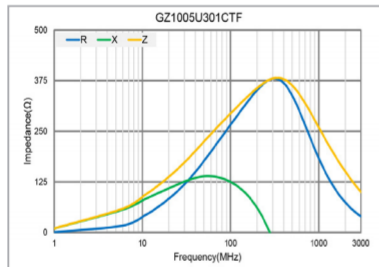
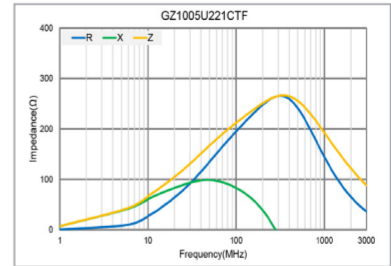
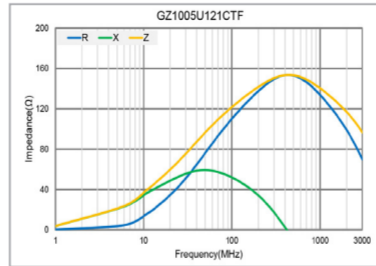
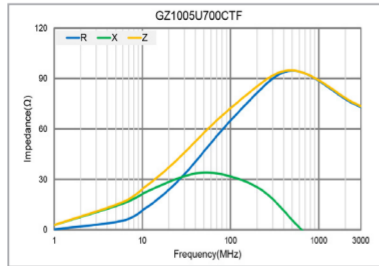
GZ1005-C TYPE



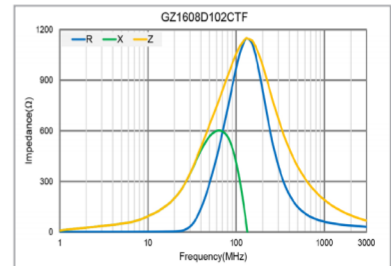
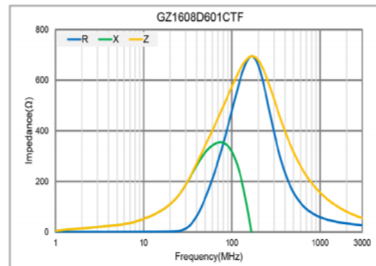
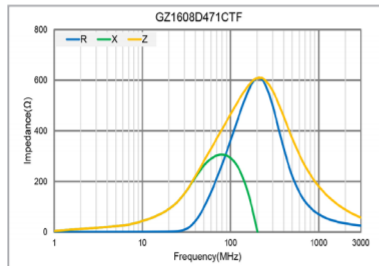
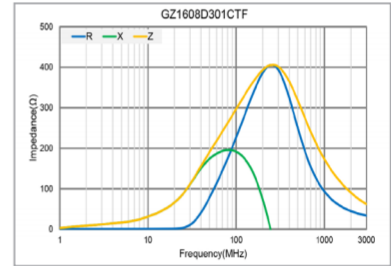
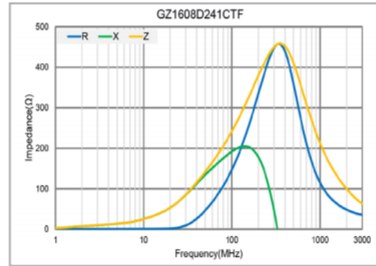
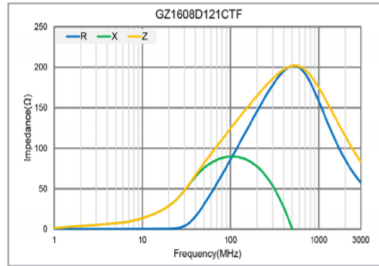
电气特性

Detail Electrical Characteristics

GZ1005-C TYPE



GZ1608-C TYPE



电气特性

Detail Electrical Characteristics

GZ1608-C TYPE

