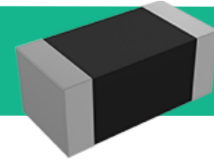


叠层片式铁氧体磁珠—HZ 系列

Multilayer Chip Ferrite Bead – HZ 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
- ◆ 在高频 (≥1GHz) 段仍具有较大的阻抗值，对高频噪声具有优良的 EMI 抑制效果
- ◆ 四种铁氧体材料、阻抗范围宽，适用于不同的电子线路
- ◆ Internal silver printed layers and magnetic shielded structures to minimize crosstalk
- ◆ Perfect effect for EMI suppression at high frequency (≥1GHz) due to its high impedance
- ◆ Four types material and wide range of impedance values for various applications

用途

Applications

- ◆ 电脑及周边设备，家庭网关、LCD TV 等音视频设备，通讯设备，办公自动化等电子设备的高频噪声抑制
- ◆ High frequency noise suppression in electric equipments such as computer and peripheral devices, residential gateway, LCD TVs, communication equipments, OA equipments, etc.

产品型号

Product Identification

1	2	3	4	5	6	7
HZ	1005	K	601	T	F	□□□

1	分类 Type	
	HZ	片式铁氧体高频磁珠 Chip Ferrite Bead for High Frequency

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, D, U	

4	公称阻抗值 Nominal Impedance	
	Example	Nominal Value
	601	600Ω
	102	1000Ω

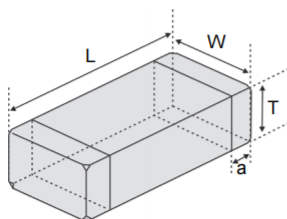
5	包装 Packing	
	T	编带 Tape & Reel

6	无有害物质产品 Hazardous Substance Free Products	
	F	

7	设计代号 Design Code	
	□□□	Design Code
	* Standard Product Is Blank	

外观尺寸

Shape and Dimensions



Unit: mm [inch]

Type	L	W	T	a
HZ1005 [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]
HZ1608 [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

HZ1005 TYPE

型号 Part Number	阻抗 Impedance		直流电阻 Max. DC Resistance	额定电流 Max. Rated Current	厚度 Thickness
	@100MHz	@1GHz Min.			
单位 Units	Ω		Ω	mA	mm [inch]
符号 Symbol	Z		DCR	I _r	T
HZ1005G121TF	120 ± 25%	500	0.70	300	0.5 ± 0.15 [.020 ± .006]
HZ1005G221TF	220 ± 25%	900	1.00	250	
HZ1005D221TFB01	220 ± 25%	300	0.50	300	
HZ1005D301TF	300 ± 25%	400	1.00	100	
HZ1005D601TF	600 ± 25%	700	1.50	100	
HZ1005D102TF	1000 ± 25%	900	1.80	50	
HZ1005K181TF	180 ± 25%	400	1.00	100	
HZ1005K301TF	300 ± 25%	600	1.10	100	
HZ1005K471TF	470 ± 25%	900	1.30	100	
HZ1005K601TFB01	600 ± 25%	1100	0.85	300	
HZ1005K102TFB01	1000 ± 25%	1200	1.25	250	
HZ1005K152TF	1500 ± 25%	1400	2.20	50	
HZ1005K182TFB03	1800 ± 25%	1620	2.20	200	
HZ1005U601TFB02	600 ± 25%	600	0.70	300	
HZ1005U102TFB01	1000 ± 25%	900	1.10	250	

HZ1608 TYPE

型号 Part Number	阻抗 Impedance		直流电阻 Max. DC Resistance	额定电流 Max. Rated Current	厚度 Thickness
	@100MHz	@1GHz Min.			
单位 Units	Ω		Ω	mA	mm [inch]
符号 Symbol	Z		DCR	I _r	T
HZ1608K471TF	470 ± 25%	700	1.20	100	0.8 ± 0.15 [.031 ± .006]
HZ1608K601TF	600 ± 25%	850	1.50	100	
HZ1608K102TF	1000 ± 25%	1100	1.80	50	
HZ1608U181TF	180 ± 25%	180	0.55	200	
HZ1608U301TF	300 ± 25%	300	0.75	200	
HZ1608U471TF	470 ± 25%	400	0.85	200	
HZ1608U601TF	600 ± 25%	450	1.00	200	
HZ1608U102TF	1000 ± 25%	750	1.60	100	

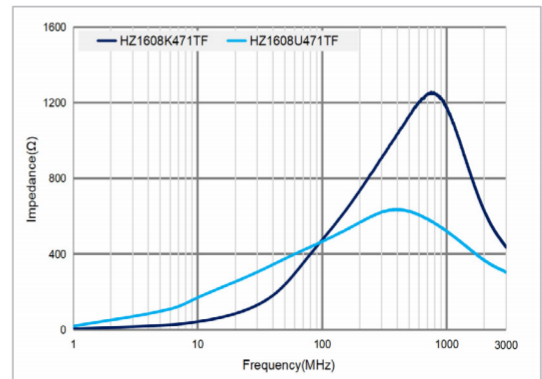
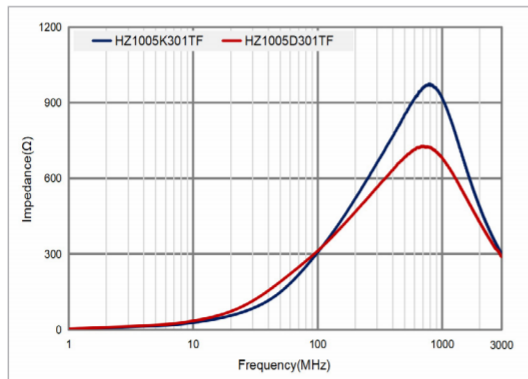
※: 可根据客户需求提供其他电气特性产品, 请联系您当地的销售人员。

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

电气特性

Typical Electrical Characteristics

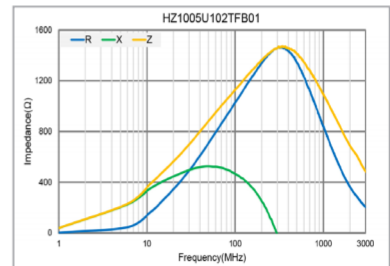
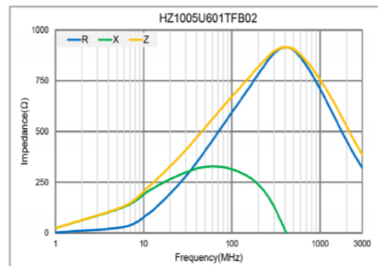
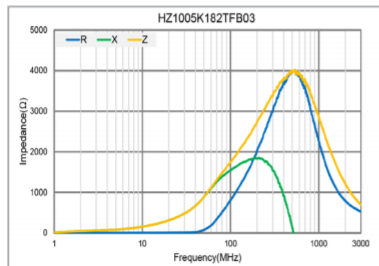
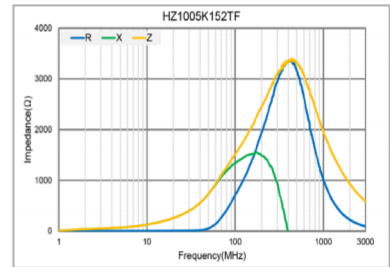
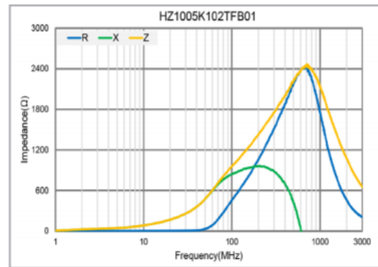
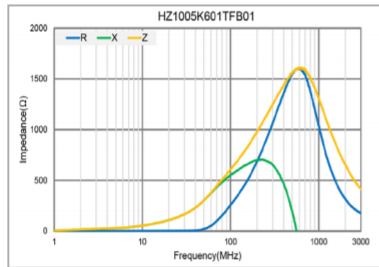
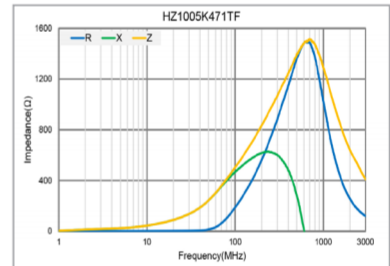
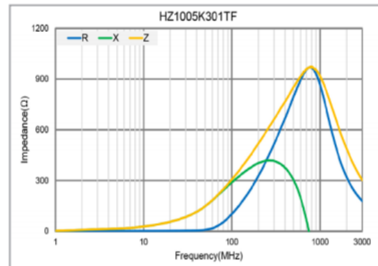
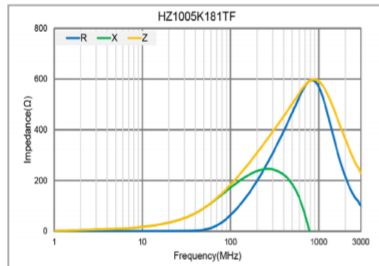
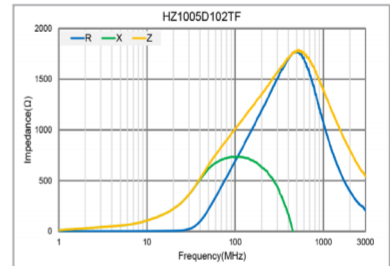
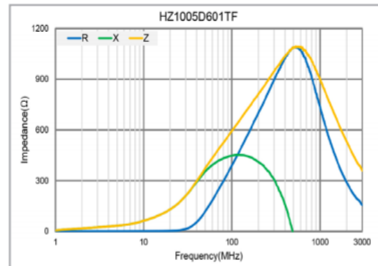
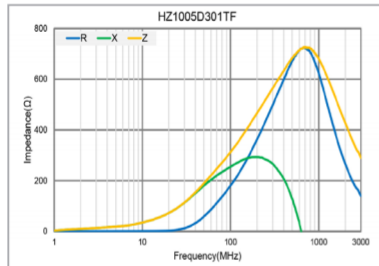
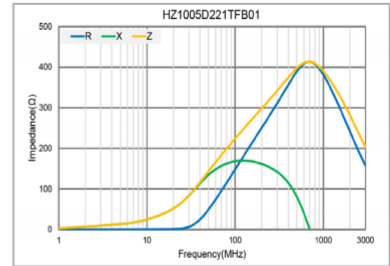
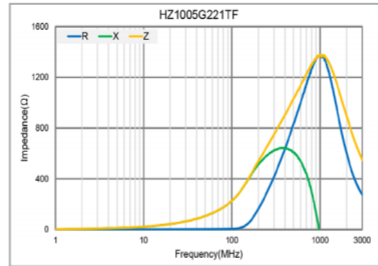
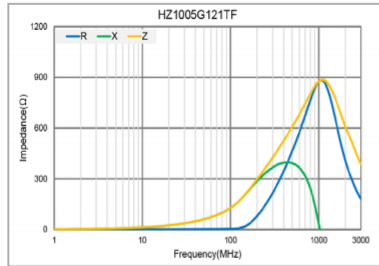
D, K, U Material Comparison



电气特性

Detail Electrical Characteristics

HZ1005 TYPE



电气特性

Detail Electrical Characteristics

HZ1608 TYPE

