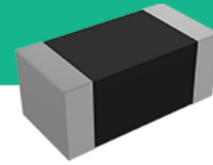


Multilayer Chip Ferrite Bead – HZ Series



Operating temp. : -55°C ~ +125°C

FEATURES

- ◆ Internal silver printed layers and magnetic shielded structures to minimize crosstalk.
- ◆ Perfect effect for EMI suppression at high frequency ($\geq 1\text{GHz}$) due to its high impedance.
- ◆ Four types material and wide range of impedance values for various applications.

APPLICATIONS

- ◆ High frequency noise suppression in electric equipments such as computer and peripheral devices, residential gateway, LCD TVs, communication equipments, OA equipments, etc.

PRODUCT IDENTIFICATION

1	2	3	4	5	6	7
HZ	1005	K	601	T	F	□□□

1 Type	
HZ	Chip Ferrite Bead for High Frequency

2 External Dimensions (L×W) (mm)	
1005 [0402]	1.0×0.5
1608 [0603]	1.6×0.8

3 Material Code	
G, K, D, U	

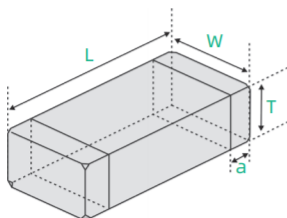
4 Nominal Impedance	
Example	Nominal Value
601	600Ω
102	1000Ω

6 Hazardous Substance Free Products	
F	

5 Packing	
T	Tape & Reel

7 Design Code	
□□□	Design Code
* Standard Product Is Blank	

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]

SPECIFICATIONS HZ1005 TYPE

Part Number	Impedance		Max. DC Resistance	Max. Rated Current	Thickness
	@100MHz	@1GHz Min.			
Units	Ω		Ω	mA	mm [inch]
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	

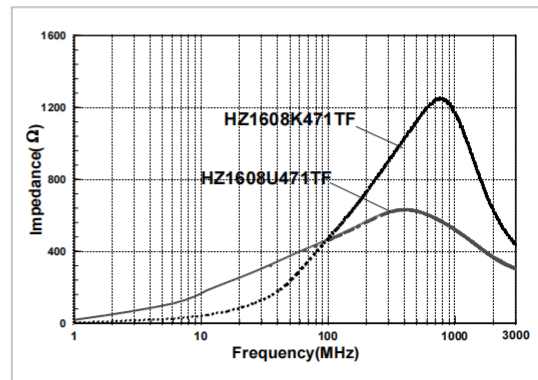
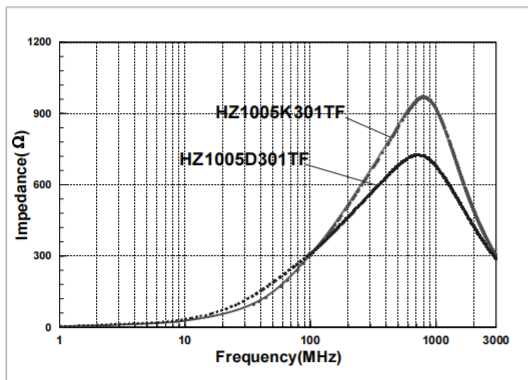
HZ1608 TYPE

Part Number	Impedance		Max. DC Resistance	Max. Rated Current	Thickness
	@100MHz	@1GHz Min.			
Units	Ω		Ω	mA	mm [inch]
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	

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

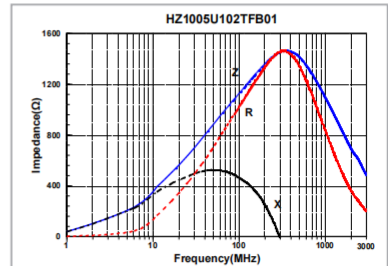
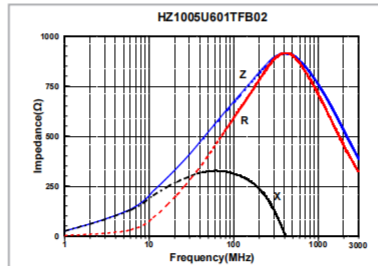
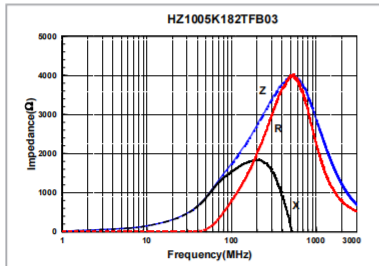
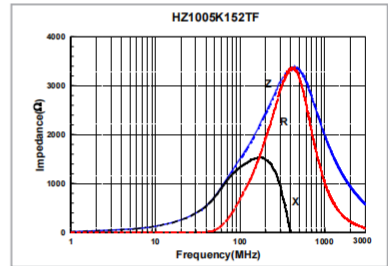
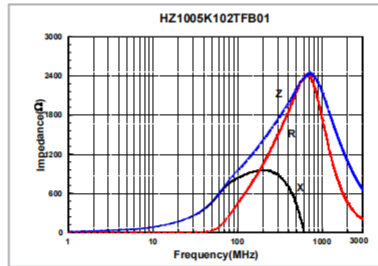
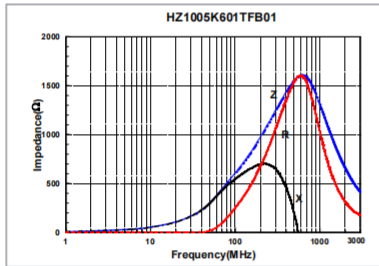
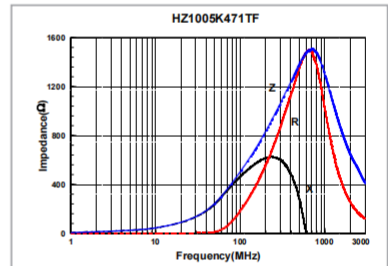
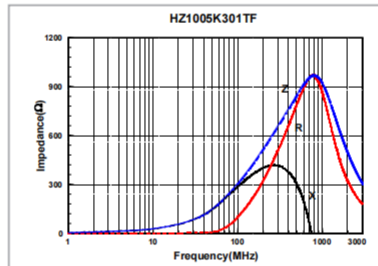
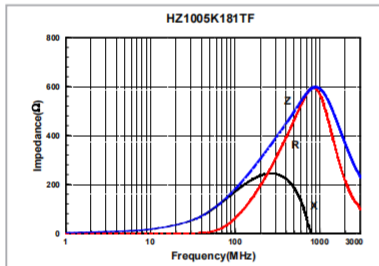
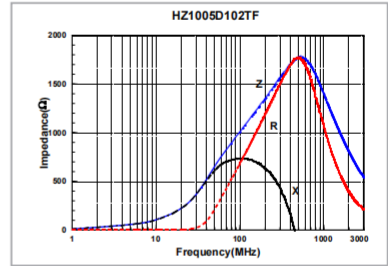
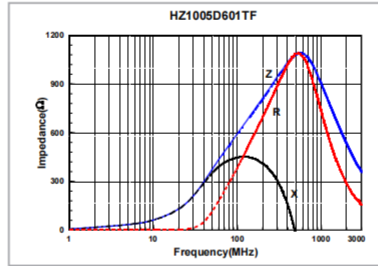
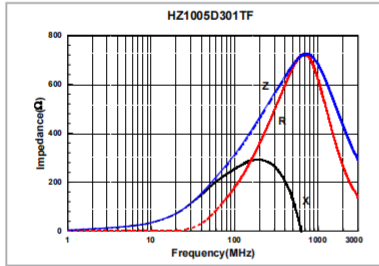
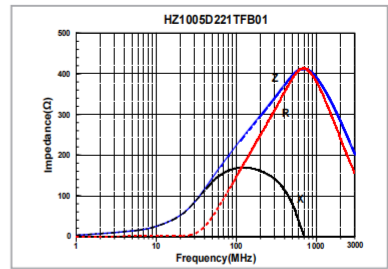
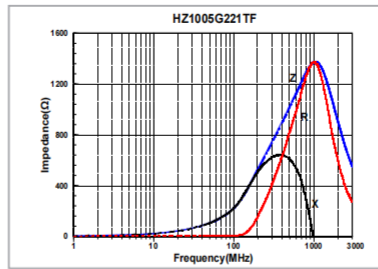
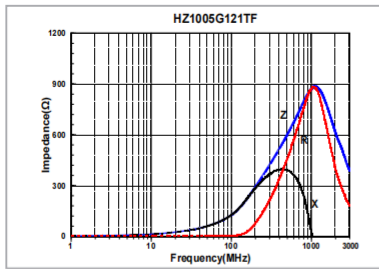
TYPICAL ELECTRICAL CHARACTERISTICS

D, K, U Material Comparison



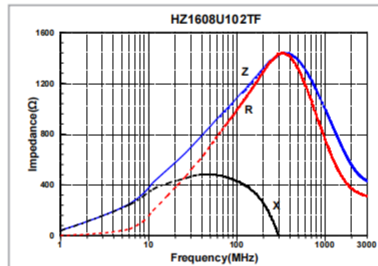
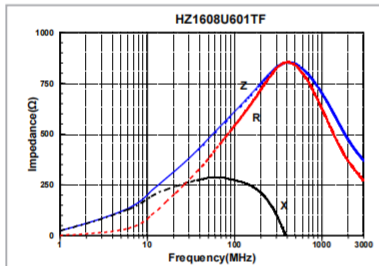
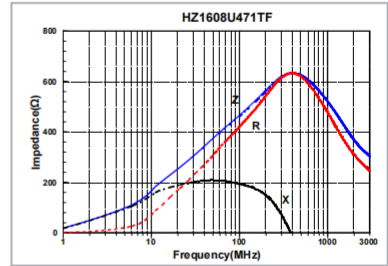
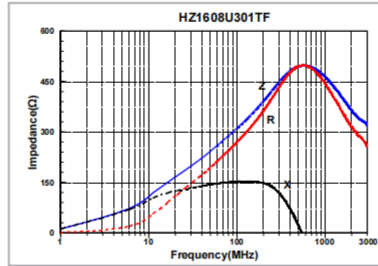
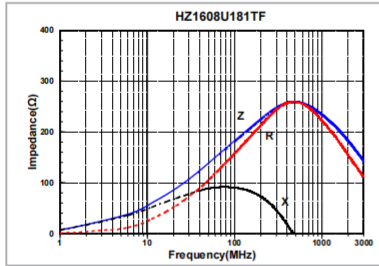
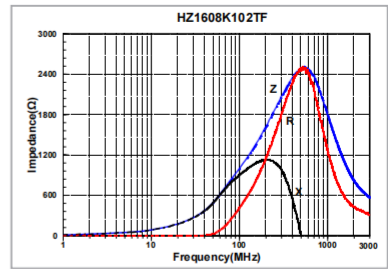
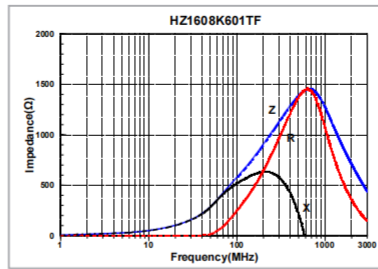
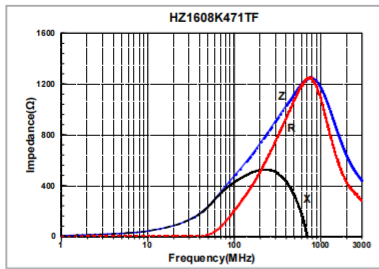
DETAIL ELECTRICAL CHARACTERISTICS

HZ1005 TYPE



DETAIL ELECTRICAL CHARACTERISTICS

HZ1608 TYPE



Multilayer Chip Ferrite Bead
Wire Wound Ferrite Bead
Multilayer Chip Common Mode Filter
Wire Wound Chip Common Mode Choke Coil for Signal Line

单击下面可查看定价，库存，交付和生命周期等信息

[>>Sunlord\(顺络\)](#)