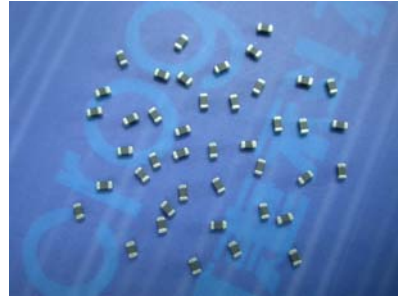


## Multilayer Chip High Frequency Bead 叠层片式高频磁珠

### FEATURES 特点

- Multilayer monolithic construction yields high reliability  
独石结构、高可靠性
- High frequency noise countermeasure  
对高频噪声有显著抑制
- Suitable for ultra high speed circuit  
应用于超高频电路



### APPLICATIONS 应用

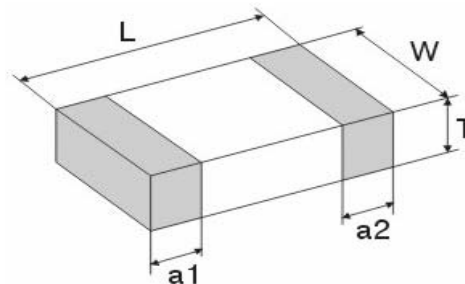
- Computers, mobile communication system products 电脑, 移动通讯系统
- Noise suppressing in ultra high speed circuit 超高速电路的噪声控制

### Product Identification 产品标识

HLHB      1608      K      102      I      -      LF  
 ①              ②              ③              ④              ⑤              ⑥

- ① Series name 系列名称
- ② Dimension 产品尺寸 L×W: 【1608= 1.6mm×0.8mm】
- ③ Material code 材料代码
- ④ Impedance 阻抗值: 【100=10Ω      101=100Ω      102=1000Ω】
- ⑤ Packing Style: 【 T: Taping 编带盘装      B: Bulk 散装】
- ⑥ Lead free products 无铅产品

### Shapes And Dimensions 外形及尺寸示意图



Type 型号	Dimensions (mm) [inch]			
	L长	W宽	T高	a1, a2
1005 [0402]	1.00±0.15 [0.04±0.006]	0.50±0.15 [0.02±0.006]	0.50±0.15 [0.02±0.006]	0.25±0.10 [0.01±0.004]
1608 [0603]	1.60±0.15 [0.063±0.006]	0.80±0.15 [0.031±0.006]	0.80±0.15 [0.031±0.006]	0.30±0.20 [0.012±0.008]

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## Electrical Characteristics 电气性能

### HLHB 1005 (0402) Series

Part No.	Impedance ( $\Omega$ ) $\pm 25\%$	Z Test Freq. (MHz)	RDC( $\Omega$ ) /max	I <sub>r</sub> (mA) /max
HLHB1005S121	120	100	0.7	300
HLHB1005S221	220	100	0.9	300
HLHB1005S301	300	100	1.2	200
HLHB1005S601	600	100	1.5	100
HLHB1005K121	120	100	1.0	300
HLHB1005K221	220	100	1.3	300
HLHB1005K301	300	100	1.5	200
HLHB1005K601	600	100	1.9	100

### HLHB 1608 (0603) Series

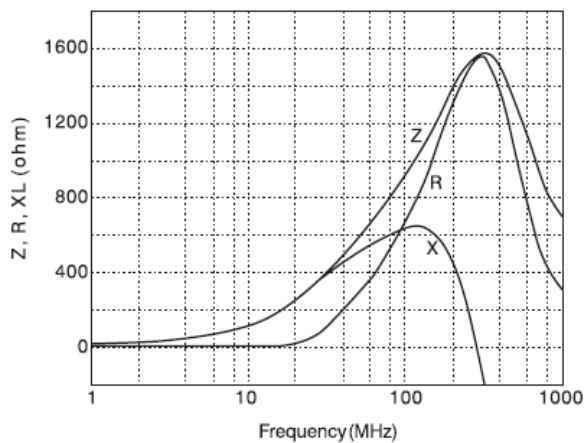
Part No.	Impedance ( $\Omega$ ) $\pm 25\%$	Z Test Freq. (MHz)	RDC( $\Omega$ ) /max	I <sub>r</sub> (mA) /max
HLHB1608S121	120	100	0.5	300
HLHB1608S301	300	100	0.7	200
HLHB1608S431	430	100	0.8	200
HLHB1608S601	600	100	1.0	100
HLHB1608S102	1000	100	1.3	100
HLHB1608K121	120	100	1.0	300
HLHB1608K301	300	100	1.2	200
HLHB1608K431	430	100	1.4	200
HLHB1608K601	600	100	1.5	100
HLHB1608K102	1000	100	1.8	100

# Multilayer Chip High Frequency Bead 叠层片式高频磁珠

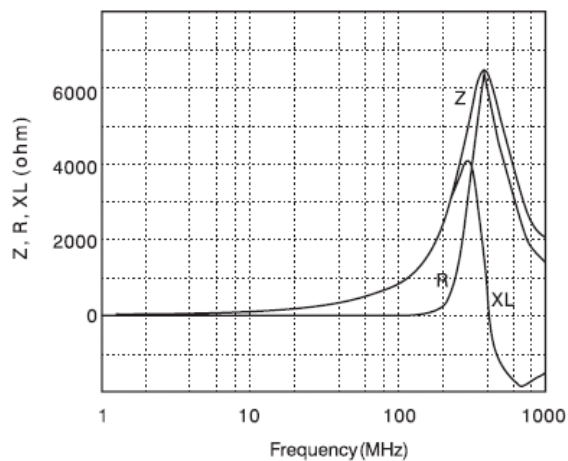
## Characteristic curve 特性曲线

### HLHB 1608 (0603) Series

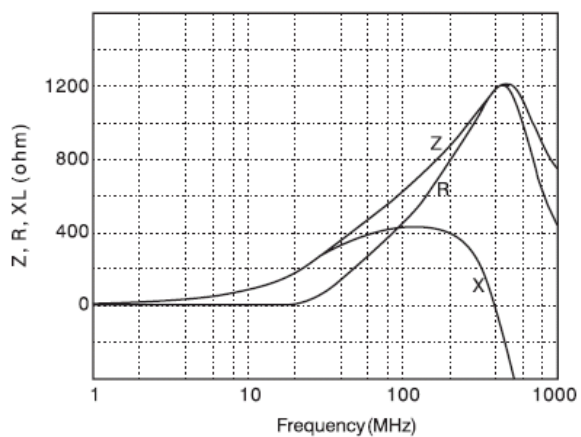
MGHB1608S102T



MGHB1608K102T



MGHB1608S601T



MGHB1608K601T

