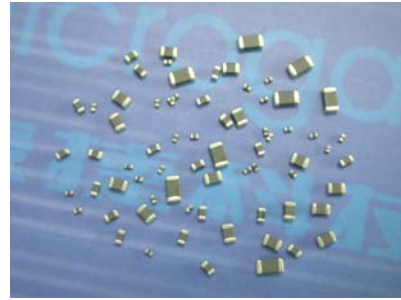


## Multilayer Chip Sharp Bead 叠层片式尖峰磁珠

### FEATURES 特点

- Multilayer monolithic construction yields high reliability  
独石结构、高可靠性
- Has sharp impedance characteristics at desirable frequency  
在指定的频段具有高阻抗
- Does not affect the signal frequency  
对信号频段无影响



### APPLICATIONS 应用

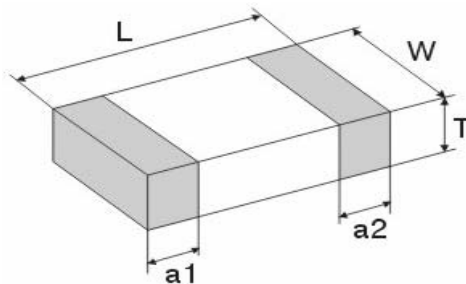
- Computers and peripherals 电脑及外设
- Digital cameras, TV set 数字电视, 数码相机
- Communication equipment 通讯设备

### Product Identification 产品标识

HLSB    3216    A    102    I    -    LF  
 ①            ②            ③            ④            ⑤            ⑥

- ① Series name 系列名称
- ② Dimension 产品尺寸 L×W: 【3216= 3.2mm×1.6mm】
- 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]
2012 [0805]	2.00±0.20 [0.079±0.008]	1.25±0.20 [0.049±0.008]	0.85±0.20 [0.033±0.008]	0.50±0.30 [0.02±0.012]
3216 [1206]	3.20±0.20 [0.126±0.008]	1.60±0.20 [0.063±0.008]	0.90±0.20 [0.035±0.008]	0.50±0.30 [0.02±0.012]

# Multilayer Chip Sharp Bead 叠层片式尖峰磁珠

## Electrical Characteristics 电气性能

### HLSB 1005 (0402) Series

Part No.	Impedance ( $\Omega$ ) $\pm 25\%$	Z Test Freq. (MHz)	RDC( $\Omega$ ) /max	I <sub>r</sub> (mA) /max
HLSB1005A100	10	100	0.10	500
HLSB1005A300	30	100	0.20	300
HLSB1005A600	60	100	0.40	200
HLSB1005A121	120	100	0.50	200
HLSB1005A221	220	100	0.70	200
HLSB1005A301	300	100	0.80	200
HLSB1005A601	600	100	1.00	150

### HLSB 1608 (0603) Series

Part No.	Impedance ( $\Omega$ ) $\pm 25\%$	Z Test Freq. (MHz)	RDC( $\Omega$ ) /max	I <sub>r</sub> (mA) /max
HLSB1608A100	10	100	0.10	500
HLSB1608A300	30	100	0.15	300
HLSB1608A600	60	100	0.20	300
HLSB1608A121	120	100	0.30	200
HLSB1608A221	220	100	0.55	200
HLSB1608A301	300	100	0.70	200
HLSB1608A601	600	100	1.10	200
HLSB1608A102	1000	100	1.50	200

## Multilayer Chip Sharp Bead 叠层片式尖峰磁珠

### HLSB 2012 (0805) Series

Part No.	Impedance ( $\Omega$ ) $\pm 25\%$	Z Test Freq. (MHz)	RDC( $\Omega$ ) /max	I <sub>r</sub> (mA) /max
MGSB2012A100	10	100	0.10	500
HLSB2012A300	30	100	0.15	500
HLSB2012A600	60	100	0.20	400
HLSB2012A121	120	100	0.25	300
HLSB2012A221	220	100	0.40	200
HLSB2012A301	300	100	0.50	200
HLSB2012A601	600	100	0.70	200
HLSB2012A102	1000	100	0.80	200
HLSB2012A122	1200	100	0.90	200
HLSB2012A202	2000	100	1.00	200

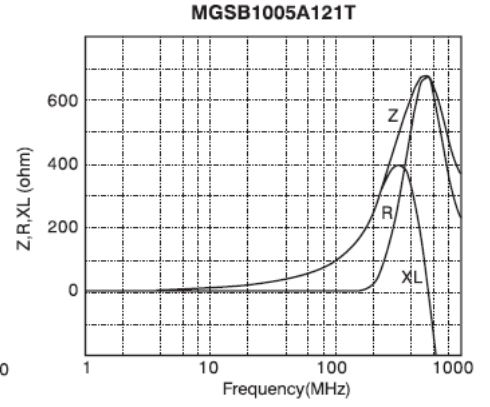
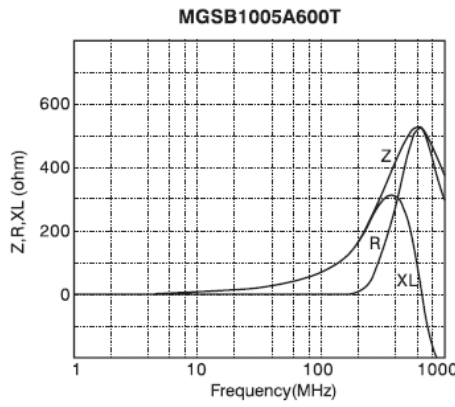
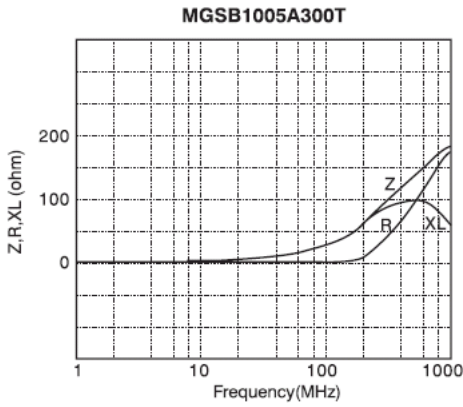
### HLSB 3216 (1206) Series

Part No.	Impedance ( $\Omega$ ) $\pm 25\%$	Z Test Freq. (MHz)	RDC( $\Omega$ ) /max	I <sub>r</sub> (mA) /max
HLSB3216A300	30	100	0.10	600
HLSB3216A600	60	100	0.15	600
HLSB3216A121	120	100	0.20	600
HLSB3216A221	220	100	0.25	600
HLSB3216A301	300	100	0.30	500
HLSB3216A601	600	100	0.35	500
HLSB3216A102	1000	100	0.40	400
HLSB3216A122	1200	100	0.45	400
HLSB3216A202	2000	100	0.50	300

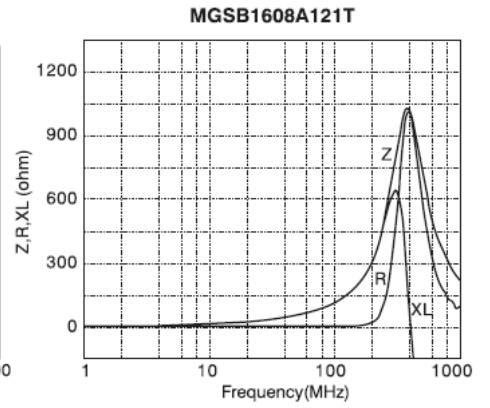
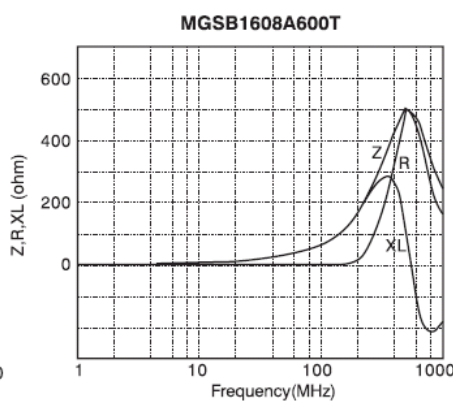
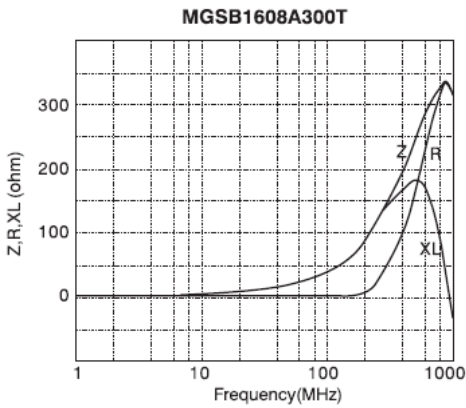
# Multilayer Chip Sharp Bead 叠层片式尖峰磁珠

## Characteristic curve 特性曲线

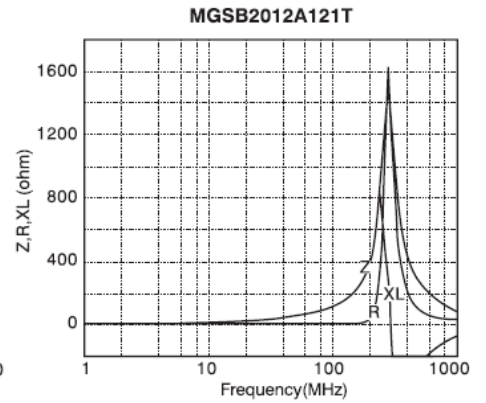
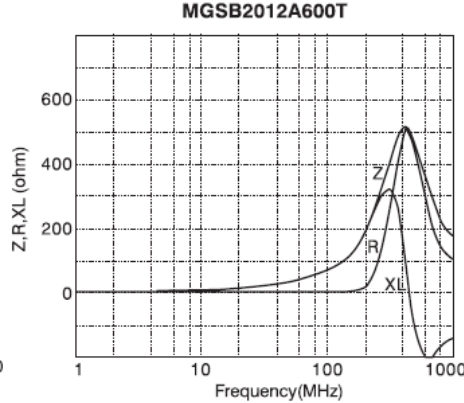
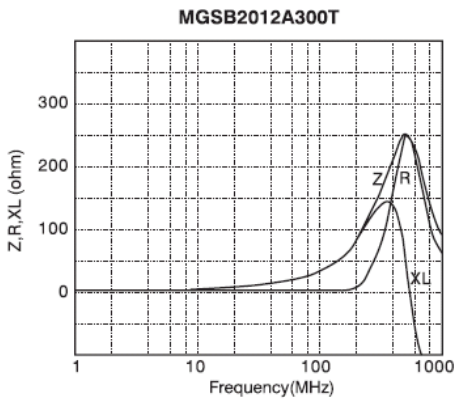
### HLSB 1005 (0402) Series



### MGSB1608 (0603) Series



### MGSB 2012 (0805) Series



### MGSB 3216 (1206) Series

