

SZ系列叠层片式铁氧体尖峰磁珠

★ 特征与用途

FEATURES AND APPLICATIONS

- 在较宽频率范围内具有优良的抑制EMI性能
- 内部印有银电极的叠层结构，铁氧体屏蔽无串扰
- 在某一频率区域内，其阻抗值急剧上升，从而在特定的频率区域内可获得较高的衰减效果而对信号不产生影响
- 广泛应用于电子设备的高速信号线的噪声抑制
- 参照GJB 1864A-2011、Q/XEC 027A-2014、Q/XEC 033A-2014、Q/XEC 061A-2014



★ 产品型号

PRODUCT IDENTIFICATION

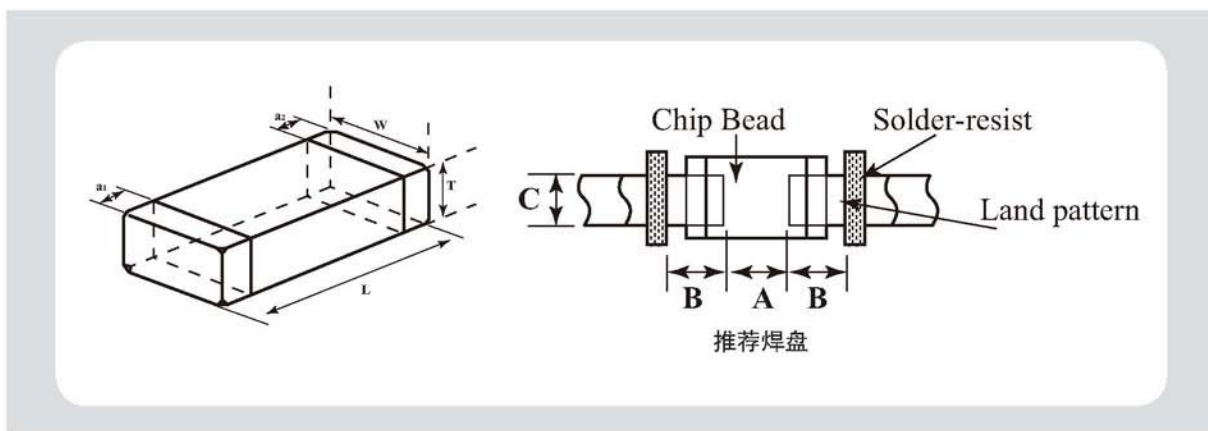
SZ 1608 F 121



- ① 叠层片式铁氧体尖峰磁珠
- ② 产品外形尺寸：长×宽
- ③ 材料代号：F、G、K表示铁氧体材料
- ④ 阻抗值：300表示30Ω；121表示120Ω；102表示1000Ω

★ 外观尺寸

SHAPE AND DIMENSIONS



单位：mm

型号	L	W	T	a1、a2	A	B	C
SZ1005	1.0±0.15	0.5±0.15	0.5±0.15	0.25±0.1	0.45 ~ 0.55	0.40 ~ 0.50	0.45 ~ 0.55
SZ1608	1.6±0.15	0.8±0.15	0.8±0.15	0.3±0.2	0.60 ~ 0.80	0.60 ~ 0.80	0.60 ~ 0.80
SZ2012	2.0 (+0.3, -0.1)	1.25±0.2	0.85±0.2	0.5±0.3	0.80 ~ 1.20	0.80 ~ 1.20	0.90 ~ 1.60

★ 规格特性

SPECIFICATIONS

● SZ1005 TYPE

型号	阻抗 (Ω)	阻抗偏差	阻抗测试频率 (MHz)	直流电阻 Max (Ω)	额定电流 Max (mA)
SZ1005F050	0 ~ 10	/	100	0.10	300
SZ1005F100	5 ~ 15	/	100	0.20	300
SZ1005F330	33	$\pm 25\%$	100	0.40	300
SZ1005G050	0 ~ 15	/	100	0.15	600
SZ1005G300	30	$\pm 25\%$	100	0.15	600
SZ1005G750	75	$\pm 25\%$	100	0.30	600
SZ1005G121	120	$\pm 25\%$	100	0.40	400
SZ1005G221	220	$\pm 25\%$	100	0.70	200
SZ1005K750	75	$\pm 25\%$	100	0.30	600
SZ1005K121	120	$\pm 25\%$	100	0.40	400
SZ1005K221	220	$\pm 25\%$	100	0.70	200
SZ1005K301	300	$\pm 25\%$	100	0.80	200
SZ1005K421	420	$\pm 25\%$	100	1.00	150
SZ1005K601	600	$\pm 25\%$	100	1.10	100
SZ1005K102	1000	$\pm 25\%$	100	1.20	100
SZ1005K152	1500	$\pm 25\%$	100	1.40	100
SZ1005K182	1800	$\pm 25\%$	100	1.80	50

● SZ1608 TYPE

型号	阻抗 (Ω)	阻抗偏差	阻抗测试频率 (MHz)	直流电阻 Max (Ω)	额定电流 Max (mA)
SZ1608F050	0 ~ 10	/	100	0.20	500
SZ1608F100	5 ~ 15	/	100	0.25	500
SZ1608F220	22	$\pm 25\%$	100	0.35	500
SZ1608F470	47	$\pm 25\%$	100	0.55	300
SZ1608F750	75	$\pm 25\%$	100	0.70	300
SZ1608F121	120	$\pm 25\%$	100	0.90	200
SZ1608G050	0 ~ 15	/	100	0.10	800
SZ1608G220	22	$\pm 25\%$	100	0.20	800
SZ1608G600	60	$\pm 25\%$	100	0.30	600
SZ1608G121	120	$\pm 25\%$	100	0.45	600
SZ1608G221	220	$\pm 25\%$	100	0.55	500
SZ1608G331	330	$\pm 25\%$	100	0.70	500
SZ1608G471	470	$\pm 25\%$	100	0.80	400
SZ1608G601	600	$\pm 25\%$	100	1.10	200
SZ1608G102	1000	$\pm 25\%$	100	1.20	150
SZ1608K121	120	$\pm 25\%$	100	0.40	600
SZ1608K221	220	$\pm 25\%$	100	0.45	500
SZ1608K331	330	$\pm 25\%$	100	0.50	500

● SZ1608 TYPE

型号	阻抗 (Ω)	阻抗偏差	阻抗测试频率 (MHz)	直流电阻 Max (Ω)	额定电流 Max (mA)
SZ1608K421	420	$\pm 25\%$	100	0.55	400
SZ1608K471	470	$\pm 25\%$	100	0.55	400
SZ1608K601	600	$\pm 25\%$	100	0.60	200
SZ1608K102	1000	$\pm 25\%$	100	0.80	200
SZ1608K152	1500	$\pm 25\%$	100	0.80	200
SZ1608K202	2000	$\pm 25\%$	100	1.00	200
SZ1608K222	2200	$\pm 25\%$	100	1.00	200
SZ1608K252	2500	$\pm 25\%$	100	1.20	200
SZ1608K272	2700	$\pm 25\%$	100	1.40	200

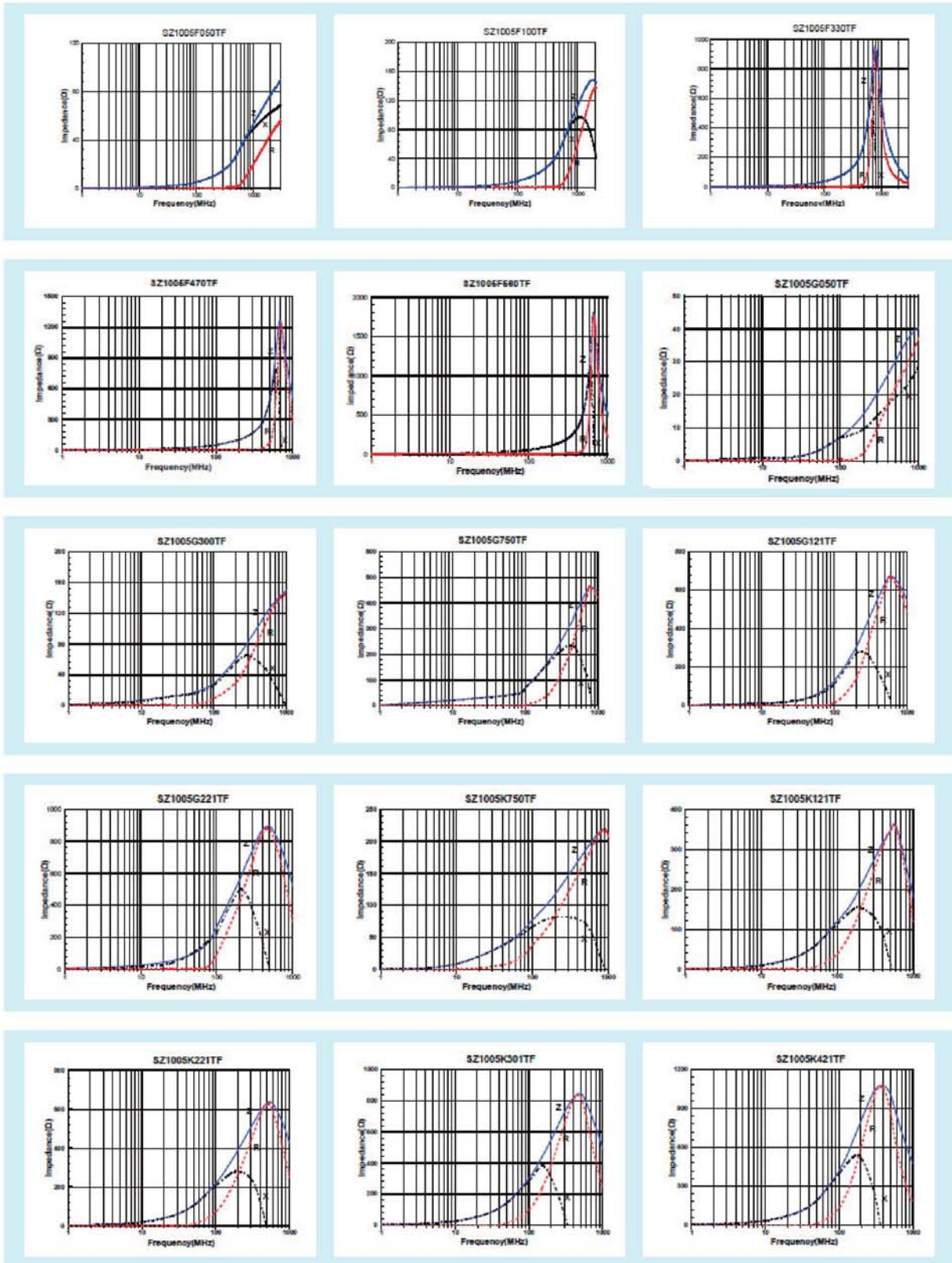
● SZ2012 TYPE

型号	阻抗 (Ω)	阻抗偏差	阻抗测试频率 (MHz)	直流电阻 Max (Ω)	额定电流 Max (mA)
SZ2012G050	0 ~ 15	/	100	0.07	1000
SZ2012G300	30	$\pm 25\%$	100	0.10	1000
SZ2012G600	60	$\pm 25\%$	100	0.20	800
SZ2012G121	120	$\pm 25\%$	100	0.25	600
SZ2012G221	220	$\pm 25\%$	100	0.30	600
SZ2012G301	300	$\pm 25\%$	100	0.40	600
SZ2012G421	420	$\pm 25\%$	100	0.40	600
SZ2012G601	600	$\pm 25\%$	100	0.45	600
SZ2012G102	1000	$\pm 25\%$	100	0.50	500
SZ2012K121	120	$\pm 25\%$	100	0.20	600
SZ2012K221	220	$\pm 25\%$	100	0.25	600
SZ2012K301	300	$\pm 25\%$	100	0.30	600
SZ2012K421	420	$\pm 25\%$	100	0.30	600
SZ2012K601	600	$\pm 25\%$	100	0.35	600
SZ2012K102	1000	$\pm 25\%$	100	0.40	500
SZ2012K152	1500	$\pm 25\%$	100	0.45	200
SZ2012K222	2200	$\pm 25\%$	100	0.60	200
SZ2012K252	2500	$\pm 25\%$	100	0.70	200
SZ2012K272	2700	$\pm 25\%$	100	0.80	200

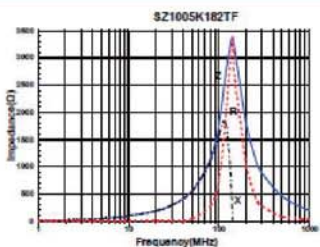
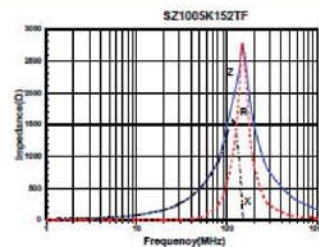
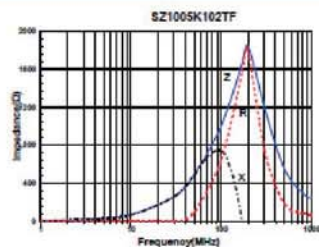
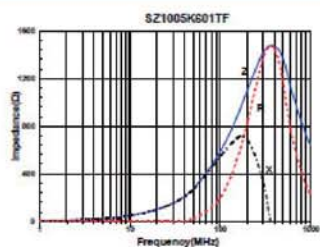
★ 电气特性

TYPICAL ELECTRICAL CHARACTERISTICS

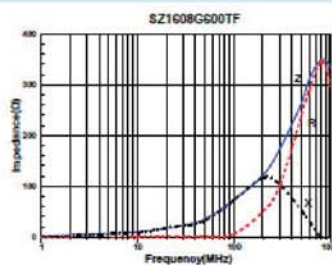
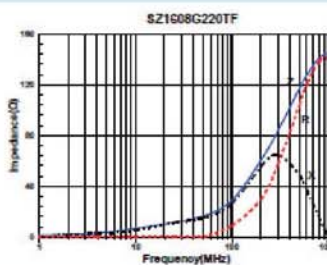
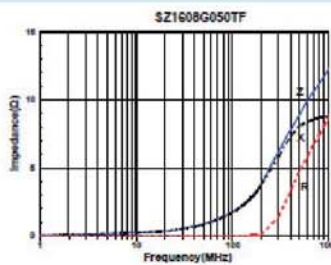
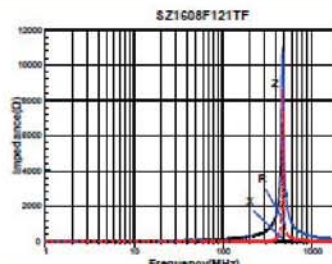
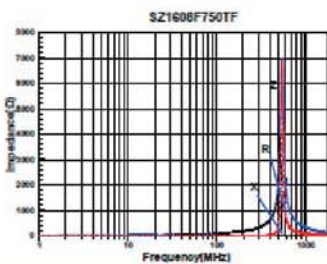
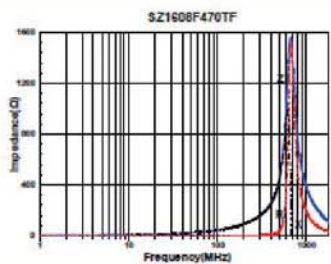
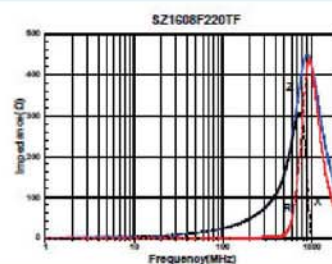
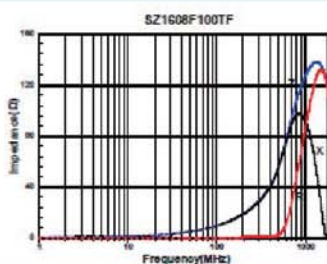
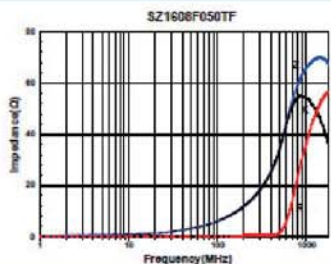
● SZ1005 Series



● SZ1005 Series



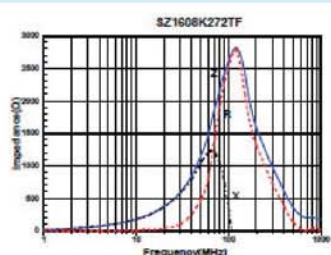
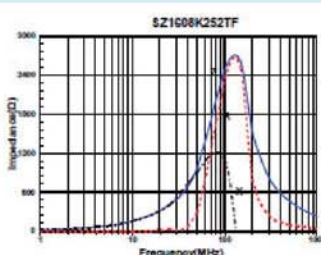
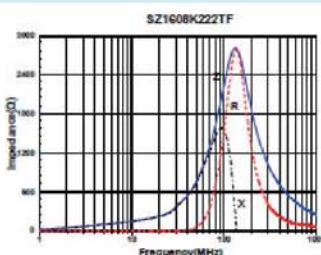
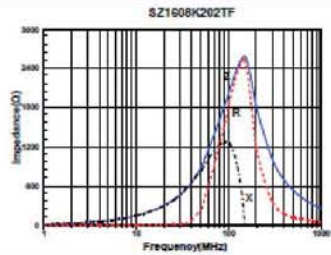
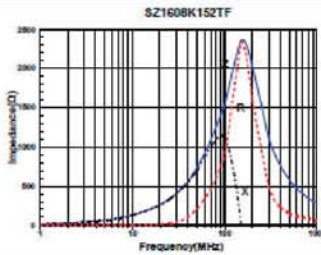
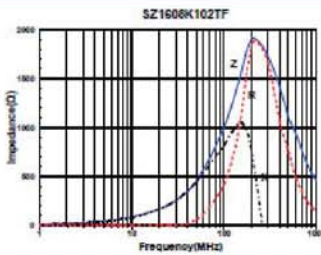
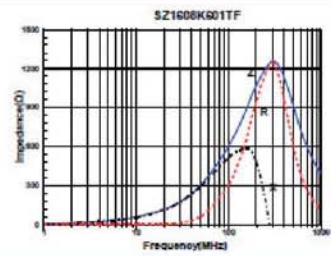
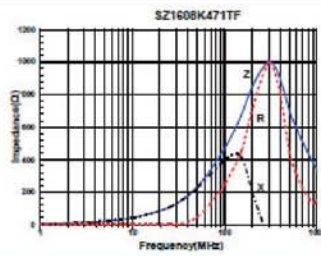
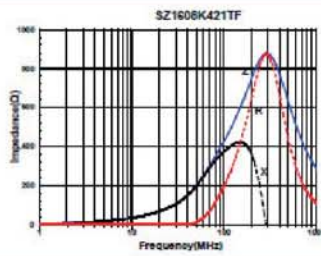
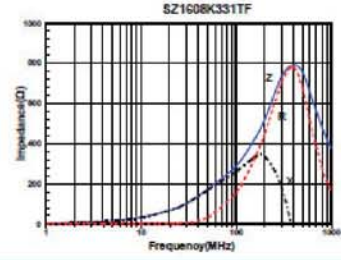
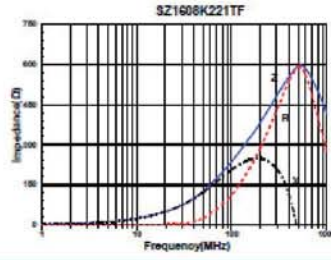
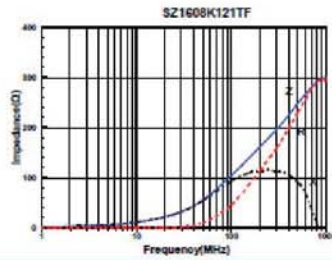
● SZ1608 Series



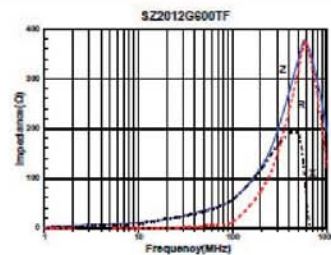
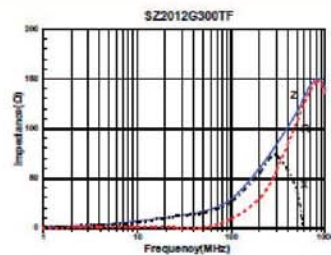
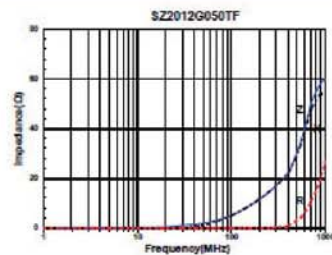
★ 电气特性

TYPICAL ELECTRICAL CHARACTERISTICS

● SZ1608 Series



● SZ2012 Series



● SZ2012 Series

