

Multilayer Chip Sharp Bead SBLxxxxxxY Series

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
- Substantial EMI suppression over a wide frequency range 在宽频段有显著的抑制噪声效果
- 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

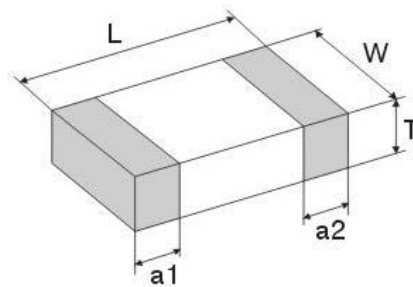
Product Identification 产品标识

SBL 201209 Y 121

① ② ③ ④

- ① Series name 系列名称
- ② Dimension 产品尺寸L×W×T: 【201209: 2.0mm×1.2 mm×0.9mm】
- ③ Material code 材料代码
- ④ Impedance 阻抗: 【100=10Ω 121=120Ω 102=1000Ω】

Shapes And Dimensions 外形及尺寸示意图



Type	Dimensions (mm) [inch]			
	L	W	T	a1, a2
100505 [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]
160808 [0603]	1.60±0.20 [0.063±0.008]	0.80±0.20 [0.031±0.008]	0.80±0.20 [0.031±0.008]	0.30±0.20 [0.012±0.008]
201209 [0805]	2.00±0.20 [0.079±0.008]	1.20±0.20 [0.049±0.008]	0.90±0.20 [0.035±0.008]	0.50±0.30 [0.02±0.012]
321609 [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]

Electrical Characteristics 电气性能**SBL100505Y Series**

Part Number	Impedance (Ω)	Z Test Freq. (MHz)	RDC(Ω) Max.	Ir(mA) Max.
SBL100505Y- 000	0~15	100	0.10	300
SBL100505Y- 050	0~15	100	0.10	300
SBL100505Y- 070	0~11	100	0.10	300
SBL100505Y- 090	5~13	100	0.10	300
SBL100505Y- 110	7~15	100	0.10	300
SBL100505Y- 150	9~21	100	0.10	300
SBL100505Y- 190	12~25	100	0.10	300
SBL100505Y- 310	31 $\pm$ 25%	100	0.20	300
SBL100505Y- 600	60 $\pm$ 25%	100	0.35	200
SBL100505Y- 800	80 $\pm$ 25%	100	0.40	200
SBL100505Y- 121	120 $\pm$ 25%	100	0.50	150
SBL100505Y- 151	150 $\pm$ 25%	100	0.55	150
SBL100505Y- 181	180 $\pm$ 25%	100	0.60	150
SBL100505Y- 221	220 $\pm$ 25%	100	0.70	150
SBL100505Y- 301	300 $\pm$ 25%	100	0.80	100
SBL100505Y- 501	500 $\pm$ 25%	100	1.10	100
SBL100505Y- 601	600 $\pm$ 25%	100	1.30	100

SBL160808Y Series

Part Number	Impedance (Ω)	Z Test Freq. (MHz)	RDC(Ω) Max.	Ir(mA) Max.
SBL160808Y- 000	0~15	100	0.10	600
SBL160808Y- 050	0~15	100	0.10	600
SBL160808Y- 070	0~11	100	0.10	600
SBL160808Y- 090	5~13	100	0.10	500
SBL160808Y- 110	7~15	100	0.20	500
SBL160808Y- 150	9~21	100	0.20	500
SBL160808Y- 190	12~25	100	0.20	500
SBL160808Y- 310	31 $\pm$ 25%	100	0.25	400
SBL160808Y- 600	60 $\pm$ 25%	100	0.30	300
SBL160808Y- 800	80 $\pm$ 25%	100	0.30	300

Electrical Characteristics 电气性能

SBL160808Y Series

Part Number	Impedance (Ω)	Z Test Freq. (MHz)	RDC(Ω) Max.	Ir(mA) Max.
SBL160808Y- 121	120 $\pm$ 25%	100	0.35	200
SBL160808Y- 151	150 $\pm$ 25%	100	0.35	200
SBL160808Y- 221	220 $\pm$ 25%	100	0.40	200
SBL160808Y- 301	300 $\pm$ 25%	100	0.50	200
SBL160808Y- 501	500 $\pm$ 25%	100	0.60	200
SBL160808Y- 601	600 $\pm$ 25%	100	0.70	200

SBL201209Y Series

Part Number	Impedance (Ω)	Z Test Freq. (MHz)	RDC(Ω) Max.	Ir(mA) Max.
SBL201209Y- 000	0~15	100	0.15	600
SBL201209Y- 050	0~15	100	0.15	600
SBL201209Y- 070	0~11	100	0.15	600
SBL201209Y- 090	5~13	100	0.15	600
SBL201209Y- 110	7~15	100	0.15	600
SBL201209Y- 150	9~21	100	0.15	600
SBL201209Y- 190	12~25	100	0.15	600
SBL201209Y- 260	26 $\pm$ 25%	100	0.20	600
SBL201209Y- 310	31 $\pm$ 25%	100	0.20	600
SBL201209Y- 700	70 $\pm$ 25%	100	0.25	600
SBL201209Y- 800	80 $\pm$ 25%	100	0.25	600
SBL201209Y- 121	120 $\pm$ 25%	100	0.25	600
SBL201209Y- 151	150 $\pm$ 25%	100	0.25	600
SBL201209Y- 221	220 $\pm$ 25%	100	0.30	600
SBL201209Y- 301	300 $\pm$ 25%	100	0.30	600
SBL201209Y- 501	500 $\pm$ 25%	100	0.35	400
SBL201209Y- 601	600 $\pm$ 25%	100	0.40	400

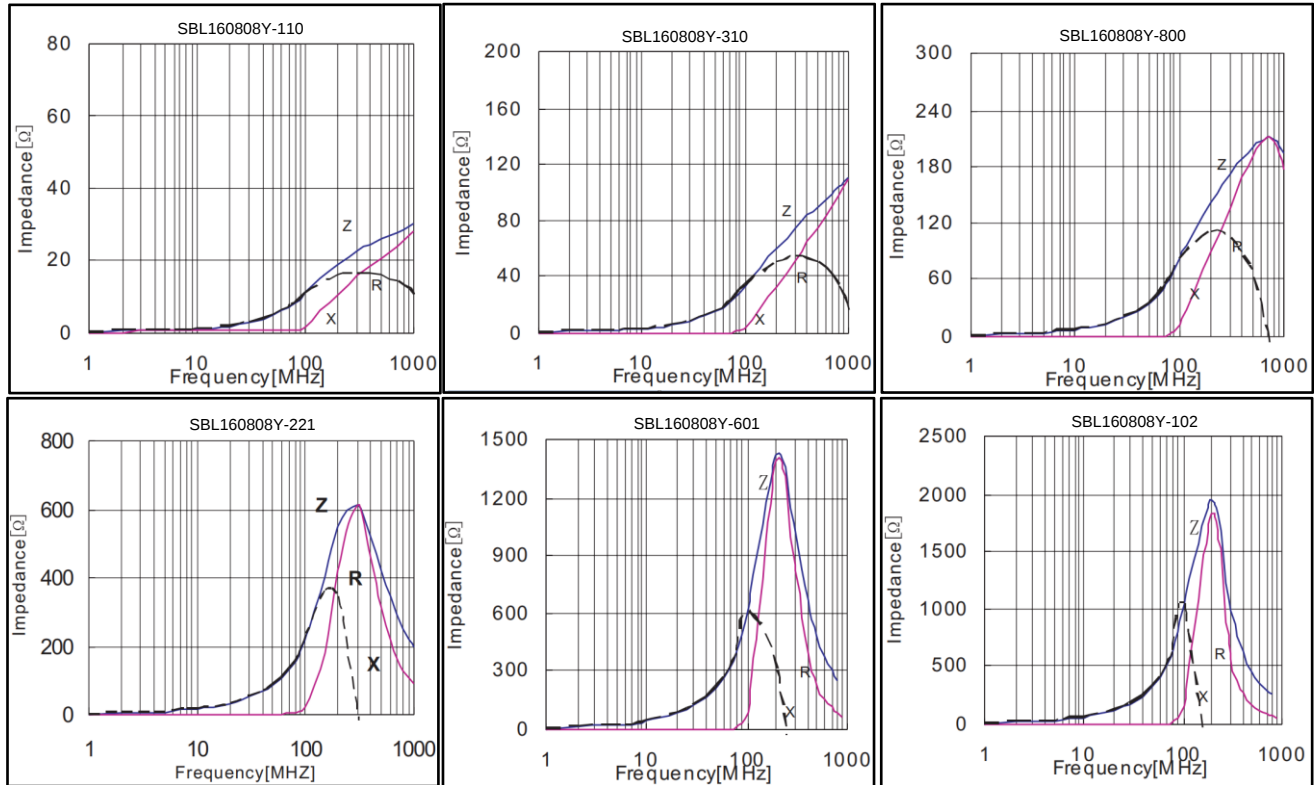
Electrical Characteristics 电气性能

SBL321609Y Series

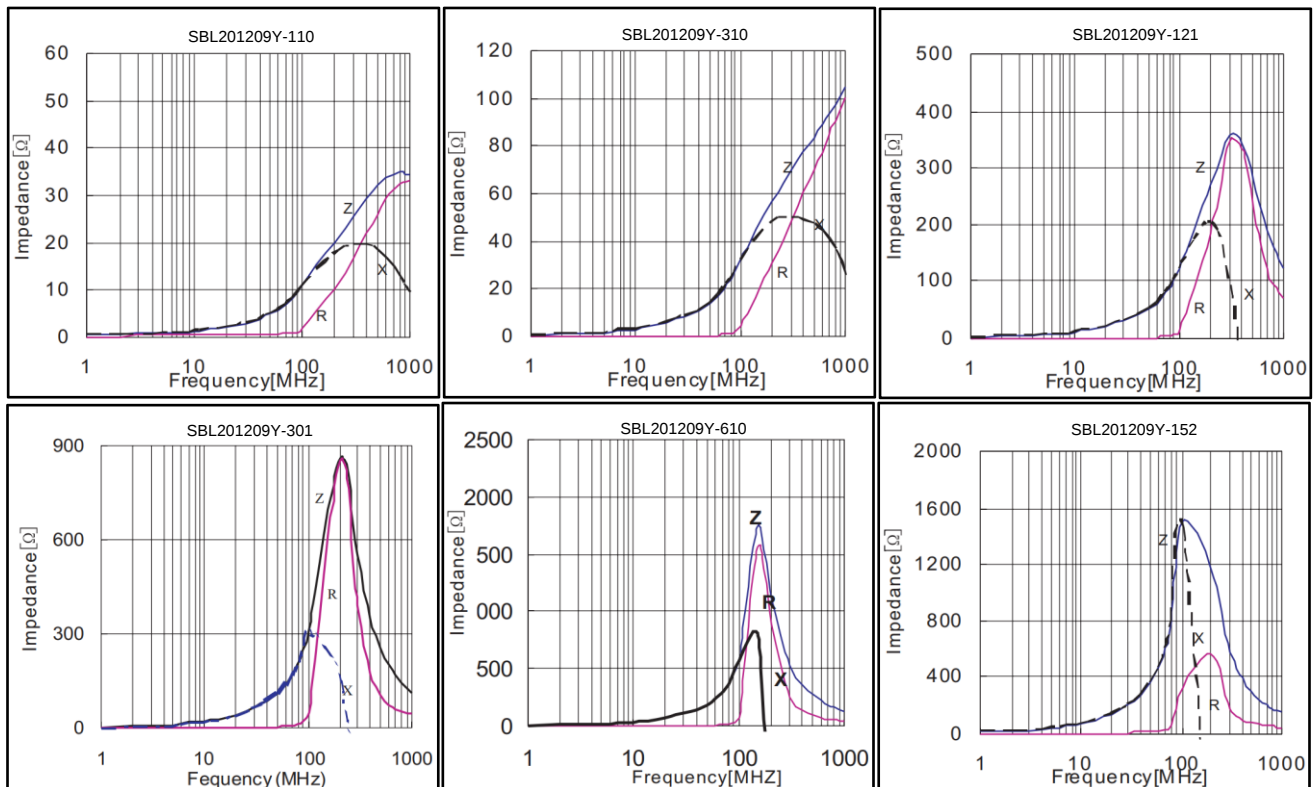
Part Number	Impedance (Ω)	Z Test Freq. (MHz)	RDC(Ω) Max.	Ir(mA) Max.
SBL321609Y- 000	0~15	100	0.10	500
SBL321609Y- 050	0~15	100	0.10	500
SBL321609Y- 070	0~11	100	0.10	500
SBL321609Y- 090	5~13	100	0.10	500
SBL321609Y- 110	7~15	100	0.10	500
SBL321609Y- 150	9~21	100	0.10	500
SBL321609Y- 190	12~25	100	0.10	500
SBL321609Y- 260	26 $\pm$ 25%	100	0.10	500
SBL321609Y- 310	31 $\pm$ 25%	100	0.10	500
SBL321609Y- 600	60 $\pm$ 25%	100	0.20	400
SBL321609Y- 700	70 $\pm$ 25%	100	0.20	400
SBL321609Y- 800	80 $\pm$ 25%	100	0.20	400
SBL321609Y- 900	90 $\pm$ 25%	100	0.20	400
SBL321609Y- 121	120 $\pm$ 25%	100	0.20	400
SBL321609Y- 151	150 $\pm$ 25%	100	0.20	400
SBL321609Y- 221	220 $\pm$ 25%	100	0.20	400
SBL321609Y- 301	300 $\pm$ 25%	100	0.25	400
SBL321609Y- 501	500 $\pm$ 25%	100	0.30	300
SBL321609Y- 601	600 $\pm$ 25%	100	0.30	300

Impedance Frequency Characteristics 阻抗频率性能

SBL160808Y Series



SBL201209Y Series



Impedance Frequency Characteristics 阻抗频率性能

SBL321609Y Series

