

MLCB系列片式铁氧体磁珠

★ 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
- 具有优良的焊接性能
- 广泛应用于电子设备的低速信号线的噪声抑制
- 参照GJB 1864A-2011、Q/XEC 20136-2017



★ 产品型号

PRODUCT IDENTIFICATION

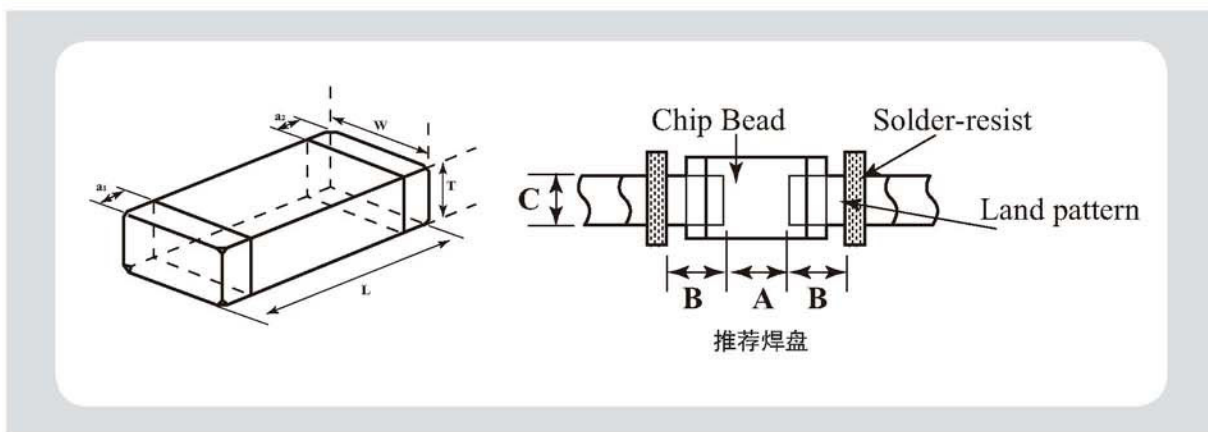
MLC B 2B 1608 - 100 P B
① ② ③ ④ ⑤ ⑥ ⑦

- ① 名称代号：表示叠层片式电感
- ② 应用类别代号：B表示铁氧体叠层片式磁珠
- ③ 性能类别：2B表示潮湿、最高工作温度125℃
- ④ 产品尺寸：长×宽
- ⑤ 阻抗值：100表示10Ω；121表示120Ω；102表示1000Ω

- ⑥ 阻抗值允许偏差：P-±25%(默认为P)
- ⑦ 引出端材料代号：B表示镍镀铅锡合金

★ 外观尺寸

SHAPE AND DIMENSIONS



单位：mm

型号	L	W	T	a1、a2	A	B	C
MLCB2B1005	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
MLCB2B1608	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
MLCB2B2012	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
MLCB2B3216	3.2±0.2	1.6±0.2	0.85±0.2	0.5±0.3	1.80 ~ 2.50	1.00 ~ 1.50	1.20 ~ 2.00

★ 规格特性

SPECIFICATIONS

● MLCB2B1005 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)
MLCB2B1005-000B	0 ~ 15	/	100	0.05	500
MLCB2B1005-100B	0 ~ 15	/	100	0.05	500
MLCB2B1005-190B	19	$\pm 25\%$	100	0.01	500
MLCB2B1005-500B	50	$\pm 25\%$	100	0.20	300
MLCB2B1005-600B	60	$\pm 25\%$	100	0.30	200
MLCB2B1005-121B	120	$\pm 25\%$	100	0.40	200
MLCB2B1005-151B	150	$\pm 25\%$	100	0.40	200
MLCB2B1005-181B	180	$\pm 25\%$	100	0.45	150
MLCB2B1005-201B	200	$\pm 25\%$	100	0.45	150
MLCB2B1005-221B	220	$\pm 25\%$	100	0.45	150

● MLCB2B1608 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)
MLCB2B1608-000B	0~15	/	100	0.05	2000
MLCB2B1608-100B	0~15	/	100	0.05	2000
MLCB2B1608-190B	0~30	/	100	0.05	2000
MLCB2B1608-260B	26	$\pm 25\%$	100	0.05	2000
MLCB2B1608-310B	31	$\pm 25\%$	100	0.05	2000
MLCB2B1608-470B	47	$\pm 25\%$	100	0.10	500
MLCB2B1608-600B	60	$\pm 25\%$	100	0.10	500
MLCB2B1608-700B	70	$\pm 25\%$	100	0.15	400
MLCB2B1608-750B	75	$\pm 25\%$	100	0.15	400
MLCB2B1608-800B	80	$\pm 25\%$	100	0.15	400
MLCB2B1608-101B	100	$\pm 25\%$	100	0.20	300
MLCB2B1608-121B	120	$\pm 25\%$	100	0.20	300
MLCB2B1608-151B	150	$\pm 25\%$	100	0.25	300
MLCB2B1608-201B	200	$\pm 25\%$	100	0.30	300
MLCB2B1608-221B	220	$\pm 25\%$	100	0.30	300
MLCB2B1608-301B	300	$\pm 25\%$	100	0.35	200
MLCB2B1608-501B	500	$\pm 25\%$	100	0.45	200
MLCB2B1608-601B	600	$\pm 25\%$	100	0.45	200
MLCB2B1608-751B	750	$\pm 25\%$	100	0.50	200
MLCB2B1608-102B	1000	$\pm 25\%$	100	0.60	200
MLCB2B1608-122B	1200	$\pm 25\%$	100	0.70	150
MLCB2B1608-152B	1500	$\pm 25\%$	100	0.70	150
MLCB2B1608-202B	2000	$\pm 25\%$	100	1.20	100
MLCB2B1608-222B	2200	$\pm 25\%$	100	1.20	100
MLCB2B1608-252B	2500	$\pm 25\%$	100	1.20	100

★ 规格特性

SPECIFICATIONS

● MLCB2B2012 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)
MLCB2B2012-000B	0~15	\	100	0.04	2000
MLCB2B2012-100B	0~15	\	100	0.04	2000
MLCB2B2012-190B	19	$\pm 25\%$	100	0.04	2000
MLCB2B2012-260B	26	$\pm 25\%$	100	0.05	1500
MLCB2B2012-310B	31	$\pm 25\%$	100	0.05	1500
MLCB2B2012-500B	50	$\pm 25\%$	100	0.10	1000
MLCB2B2012-600B	60	$\pm 25\%$	100	0.10	1000
MLCB2B2012-700B	70	$\pm 25\%$	100	0.10	1000
MLCB2B2012-800B	80	$\pm 25\%$	100	0.10	1000
MLCB2B2012-121B	120	$\pm 25\%$	100	0.15	800
MLCB2B2012-151B	150	$\pm 25\%$	100	0.18	700
MLCB2B2012-201B	200	$\pm 25\%$	100	0.20	600
MLCB2B2012-221B	220	$\pm 25\%$	100	0.20	600
MLCB2B2012-301B	300	$\pm 25\%$	100	0.20	500
MLCB2B2012-501B	500	$\pm 25\%$	100	0.30	500
MLCB2B2012-601B	600	$\pm 25\%$	100	0.30	500
MLCB2B2012-751B	750	$\pm 25\%$	100	0.35	500
MLCB2B2012-102B	1000	$\pm 25\%$	100	0.35	500
MLCB2B2012-122B	1200	$\pm 25\%$	100	0.40	500
MLCB2B2012-152B	1500	$\pm 25\%$	100	0.40	500
MLCB2B2012-202B	2000	$\pm 25\%$	100	0.50	500
MLCB2B2012-252B	2500	$\pm 25\%$	100	0.70	200

● MLCB2B3216 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)
MLCB2B3216-000B	0 ~ 15	/	100	0.03	2200
MLCB2B3216-100B	0~15	/	100	0.05	2000
MLCB2B3216-260B	26	$\pm 25\%$	100	0.05	2000
MLCB2B3216-310B	31	$\pm 25\%$	100	0.05	2000
MLCB2B3216-700B	70	$\pm 25\%$	100	0.10	1000
MLCB2B3216-800B	80	$\pm 25\%$	100	0.10	1000
MLCB2B3216-101B	100	$\pm 25\%$	100	0.10	1000
MLCB2B3216-121B	120	$\pm 25\%$	100	0.10	1000
MLCB2B3216-301B	300	$\pm 25\%$	100	0.20	600
MLCB2B3216-501B	500	$\pm 25\%$	100	0.30	600
MLCB2B3216-601B	600	$\pm 25\%$	100	0.30	600

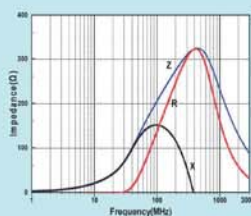
★ 电气特性

TYPICAL ELECTRICAL CHARACTERISTICS

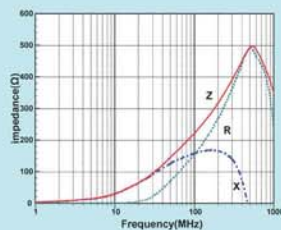
阻抗频率曲线

● MLCB2B1005 Series

MLCB2B1005-201B

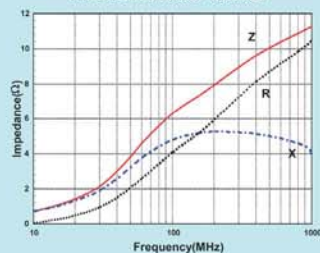


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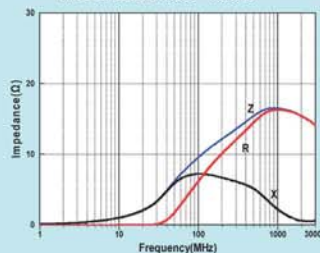


● MLCB2B1608 Series

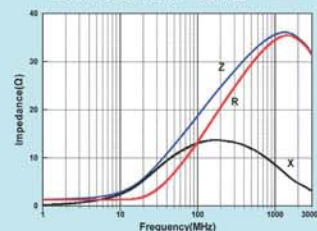
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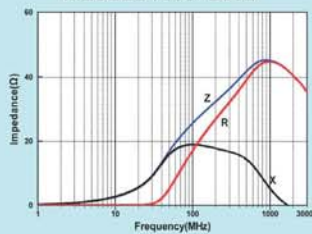
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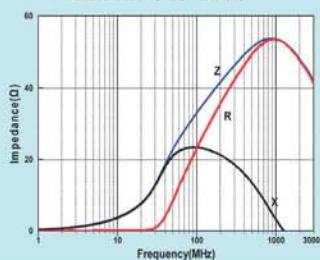
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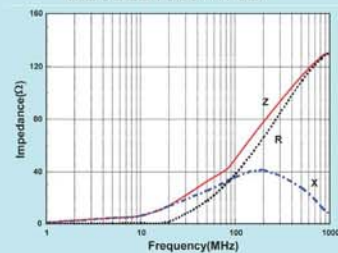
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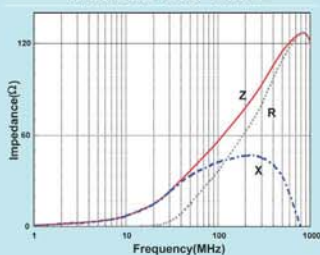
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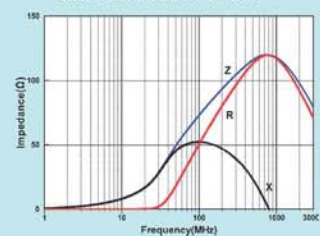
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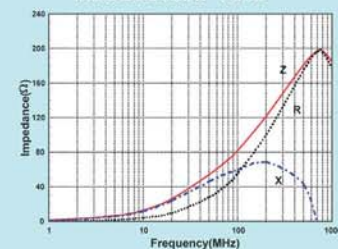
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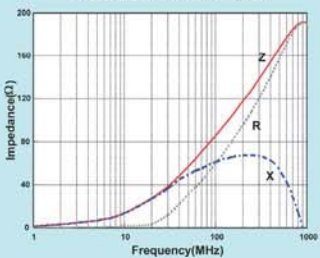
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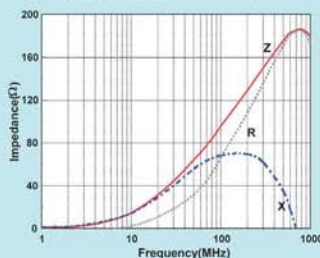
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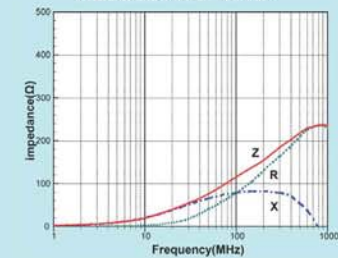
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MLCB2B1608-101B



MLCB2B1608-121B

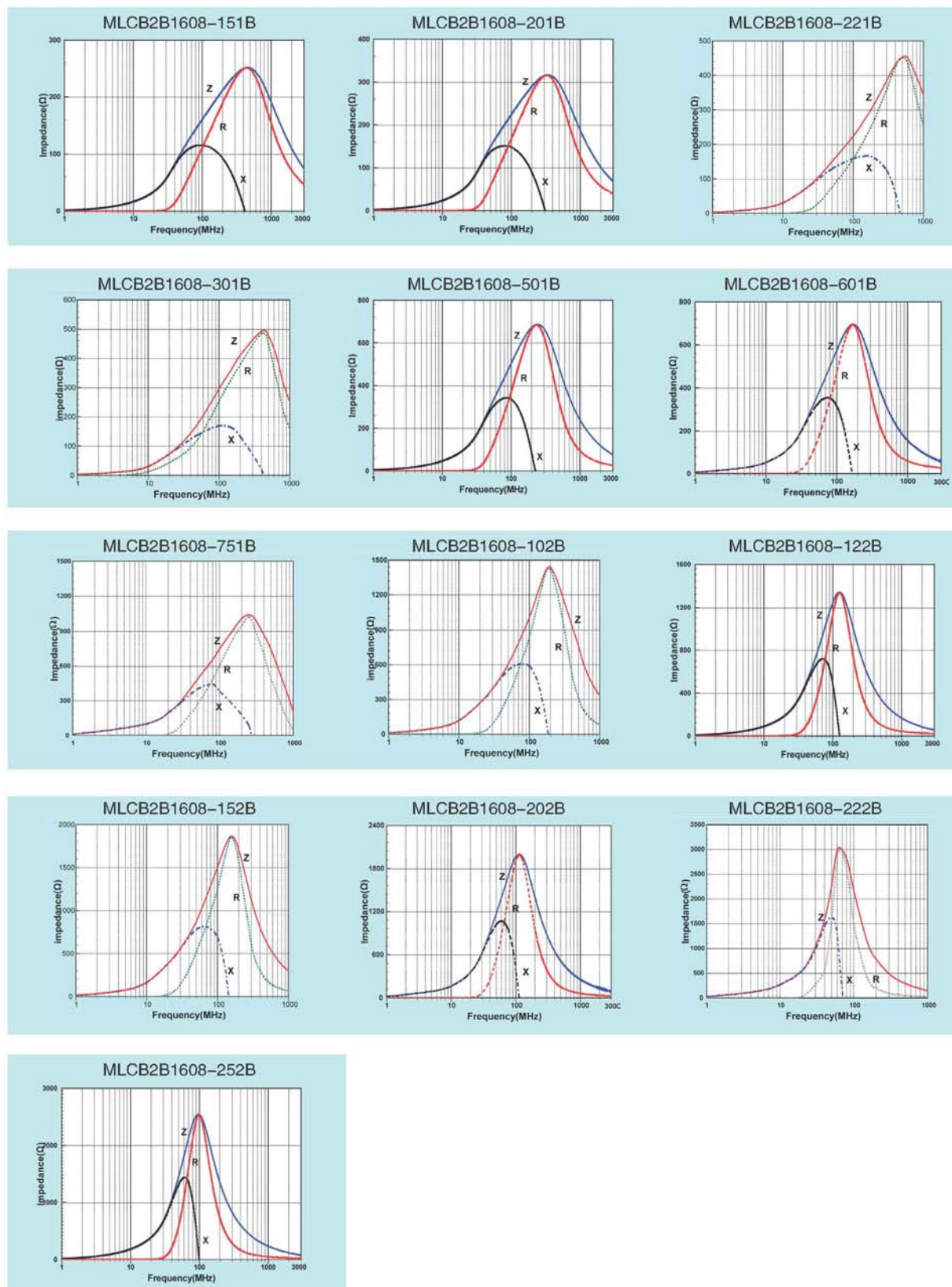


★ 电气特性

TYPICAL ELECTRICAL CHARACTERISTICS

阻抗频率曲线

● MLCB2B1608 Series

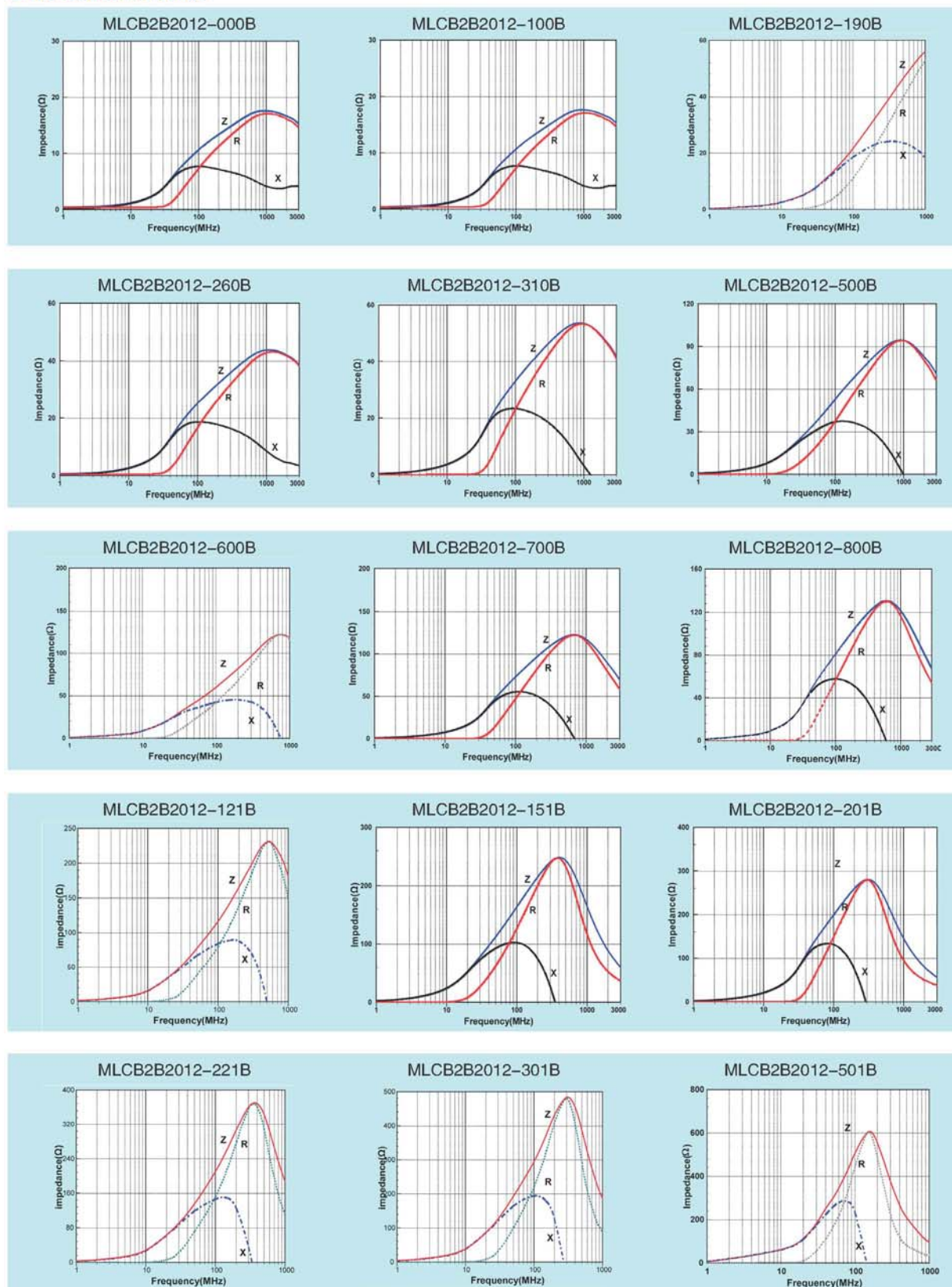


★ 电气特性

TYPICAL ELECTRICAL CHARACTERISTICS

阻抗频率曲线

● MLCB2B2012 Series

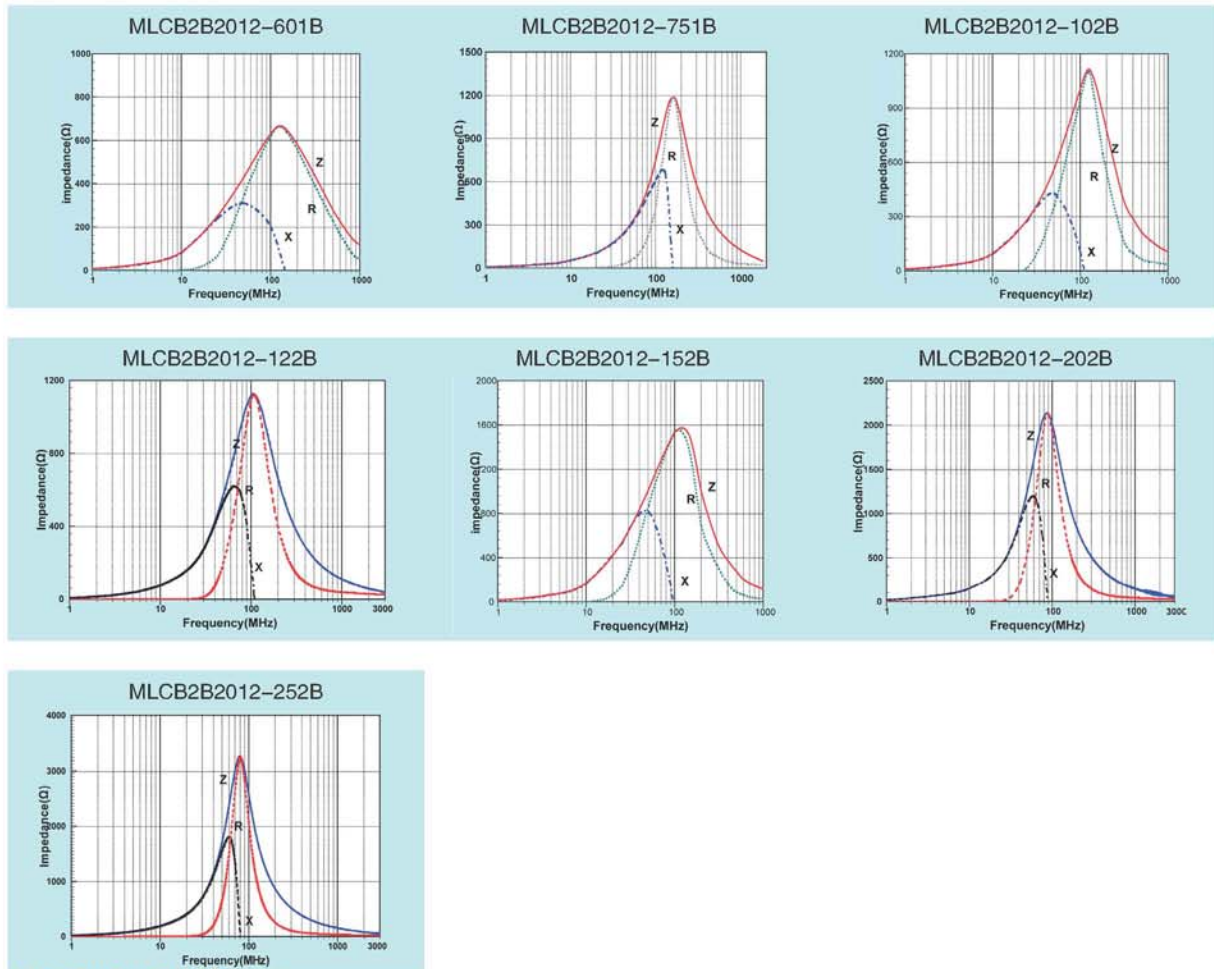


★ 电气特性

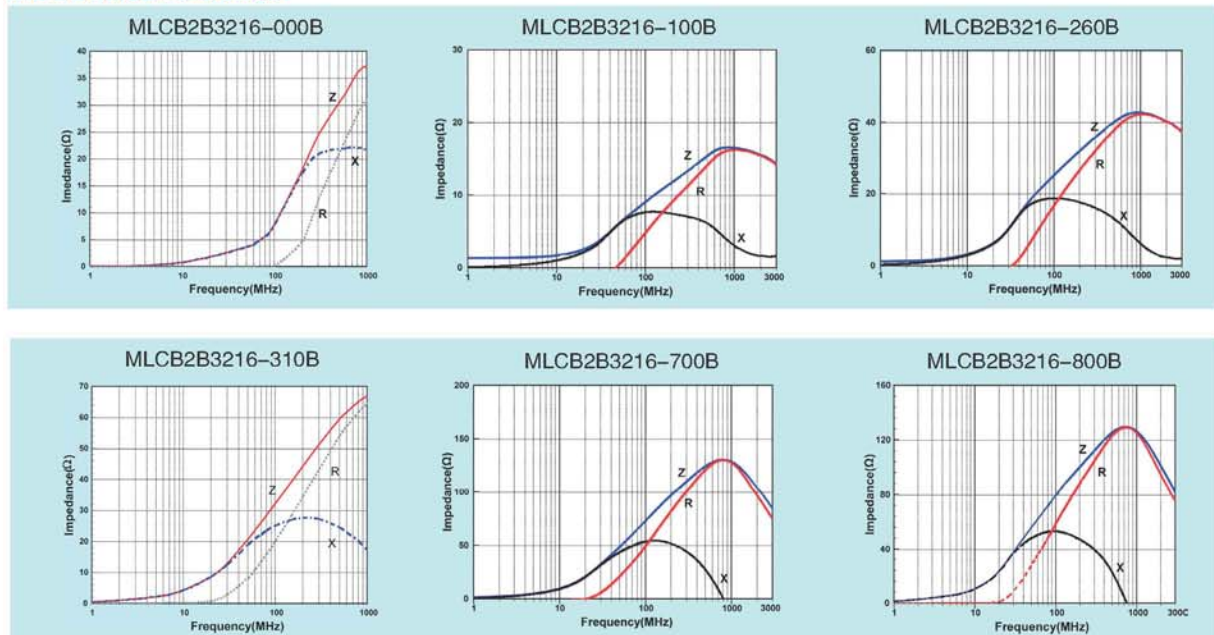
TYPICAL ELECTRICAL CHARACTERISTICS

阻抗频率曲线

● MLCB2B2012 Series



MLCB2B3216 Series



★ 电气特性

TYPICAL ELECTRICAL CHARACTERISTICS

阻抗频率曲线

MLCB2B3216 Series

