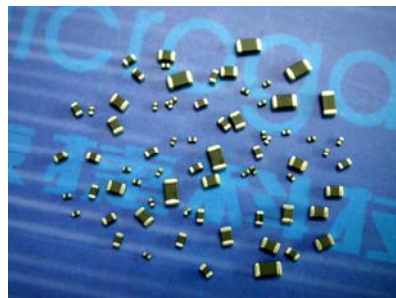


Multilayer Chip Large Current higher loss inductor 叠层片式大电流高损耗电感

FEATURES 特点

- Multilayer monolithic construction yields high reliability
独石结构、高可靠性
- A unique terminal electrode structure ensures high permissible current, 4A max.
特别的设计可承受最大4A的电流
- High impedance over a wide frequency range
在较宽的频段具有高阻抗



APPLICATIONS 应用

- Video equipment, audio equipment 视频音频设备
- Automotive electrical equipment 电气自动化设备
- Communication equipment 通讯设备
- OA equipment and other OA设备及其它领域

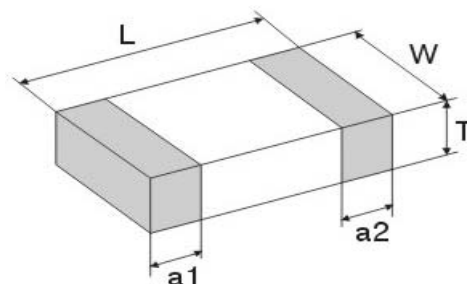
Product Identification 产品标识

MGLB 2012 M 121 T 2R0 - LF

① ② ③ ④ ⑤ ⑥ ⑦

- ① Series name 系列名称
- ② Dimensions 产品尺寸 L*W(2012=2.0*1.2mm)
- ③ Material code 材料代码
- ④ Impedance 阻抗 (121=12*10¹=120Ω, 102=10*10²=1000Ω)
- ⑤ Packing Style 包装方式 (T: Taping 编带盘装 B: Bulk 散装)
- ⑥ Current 电流 (0R5=0.5A 2R0=2A)
- ⑦ 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] |

注：本 PDF 文件只提供了产品主要资料，因此在您希望订购或详细了解产品相关资料时，请及时联系麦捷科技以获得最新、最全的产品资料。

Multilayer Chip Large Current higher loss inductor 叠层片式大电流高损耗电感

Electrical Characteristics 电气性能

MGLB 1005 (0402) Series

| Part No. | Impedance (Ω) $\pm 25\%$ | Z Test Freq. (MHz) | RDC(Ω) /max | I _r (mA) /max |
|------------------|--------------------------------------|-----------------------|-------------------------|-----------------------------|
| MGLB1005M050□2R0 | 5 | 100 | 0.05 | 2000 |
| MGLB1005M110□2R0 | 11 | 100 | 0.05 | 2000 |
| MGLB1005M310□1R5 | 31 | 100 | 0.06 | 1500 |
| MGLB1005M600□1R5 | 60 | 100 | 0.08 | 1500 |
| MGLB1005M121□1R2 | 120 | 100 | 0.10 | 1200 |
| MGLB1005M221□1R0 | 220 | 100 | 0.15 | 1000 |
| MGLB1005M301□1R0 | 300 | 100 | 0.20 | 1000 |

MGLB 1608 (0603) Series

| Part No. | Impedance (Ω) $\pm 25\%$ | Z Test Freq. (MHz) | RDC(Ω) /max | I _r (mA) /max |
|------------------|--------------------------------------|-----------------------|-------------------------|-----------------------------|
| MGLB1608M050□2R0 | 5 | 100 | 0.03 | 2000 |
| MGLB1608M110□2R0 | 11 | 100 | 0.03 | 2000 |
| MGLB1608M310□1R5 | 31 | 100 | 0.05 | 1500 |
| MGLB1608M600□1R5 | 60 | 100 | 0.08 | 1500 |
| MGLB1608M121□1R2 | 120 | 100 | 0.10 | 1200 |
| MGLB1608M221□1R0 | 220 | 100 | 0.15 | 1000 |
| MGLB1608M301□1R0 | 300 | 100 | 0.20 | 1000 |
| MGLB1608M501□0R8 | 500 | 100 | 0.28 | 800 |
| MGLB1608M601□0R8 | 600 | 100 | 0.35 | 800 |

Multilayer Chip Large Current higher loss inductor 叠层片式大电流高损耗电感

MGLB 2012 (0805) Series

| Part No. | Impedance (Ω) $\pm 25\%$ | Z Test Freq. (MHz) | RDC(Ω) /max | I _r (mA) /max |
|------------------|--------------------------------------|-----------------------|-------------------------|-----------------------------|
| MGLB2012M070□4R0 | 7 | 100 | 0.02 | 4000 |
| MGLB2012M110□3R0 | 11 | 100 | 0.02 | 3000 |
| MGLB2012M310□3R0 | 31 | 100 | 0.03 | 3000 |
| MGLB2012M600□3R0 | 60 | 100 | 0.05 | 3000 |
| MGLB2012M101□2R0 | 100 | 100 | 0.08 | 2000 |
| MGLB2012M121□2R0 | 120 | 100 | 0.10 | 2000 |
| MGLB2012M181□2R0 | 180 | 100 | 0.15 | 2000 |
| MGLB2012M221□2R0 | 220 | 100 | 0.17 | 2000 |
| MGLB2012M301□1R5 | 300 | 100 | 0.20 | 1500 |
| MGLB2012M601□1R2 | 600 | 100 | 0.25 | 1200 |
| MGLB2012M102□1R0 | 1000 | 100 | 0.30 | 1000 |

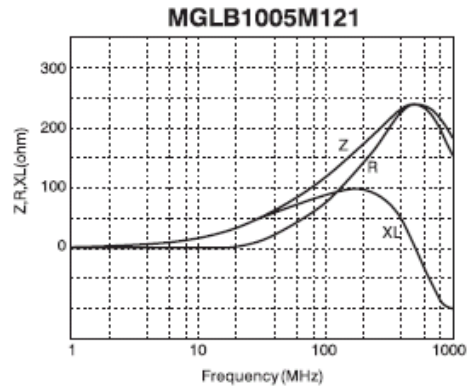
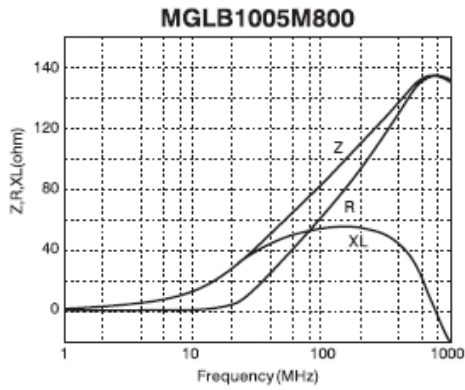
MGLB 3216 (1206) Series

| Part No. | Impedance (Ω) $\pm 25\%$ | Z Test Freq. (MHz) | RDC(Ω) /max | I _r (mA) /max |
|------------------|--------------------------------------|-----------------------|-------------------------|-----------------------------|
| MGLB3216M110□4R0 | 11 | 100 | 0.02 | 4000 |
| MGLB3216M190□4R0 | 19 | 100 | 0.02 | 4000 |
| MGLB3216M260□4R0 | 26 | 100 | 0.02 | 4000 |
| MGLB3216M310□4R0 | 31 | 100 | 0.02 | 4000 |
| MGLB3216M700□3R0 | 70 | 100 | 0.05 | 3000 |
| MGLB3216M121□3R0 | 120 | 100 | 0.05 | 3000 |
| MGLB3216M181□2R5 | 180 | 100 | 0.10 | 2500 |
| MGLB3216M221□2R5 | 220 | 100 | 0.10 | 2500 |
| MGLB3216M301□2R2 | 300 | 100 | 0.15 | 2200 |
| MGLB3216M601□2R2 | 600 | 100 | 0.20 | 2000 |
| MGLB3216M102□1R5 | 1000 | 100 | 0.30 | 1500 |
| MGLB3216M122□1R2 | 1200 | 100 | 0.30 | 1200 |
| MGLB3216M152□1R0 | 1500 | 100 | 0.35 | 1000 |
| MGLB3216M202□0R7 | 2000 | 100 | 0.45 | 700 |

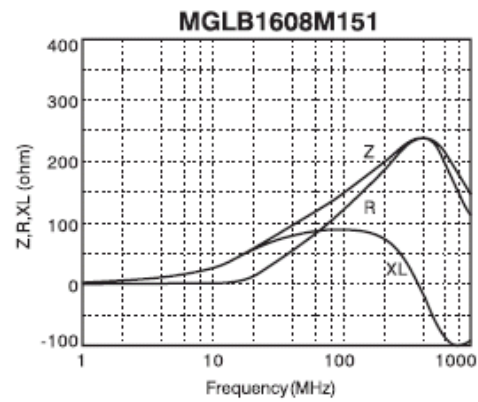
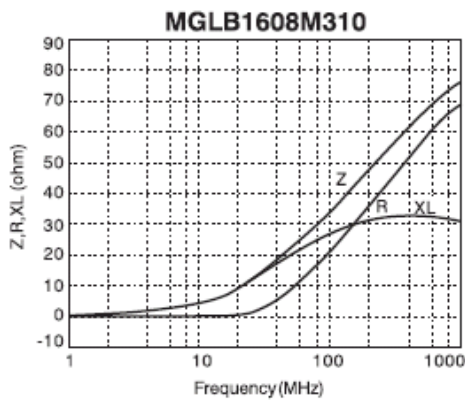
Multilayer Chip Large Current higher loss inductor 叠层片式大电流高损耗电感

Characteristic curve 特性曲线

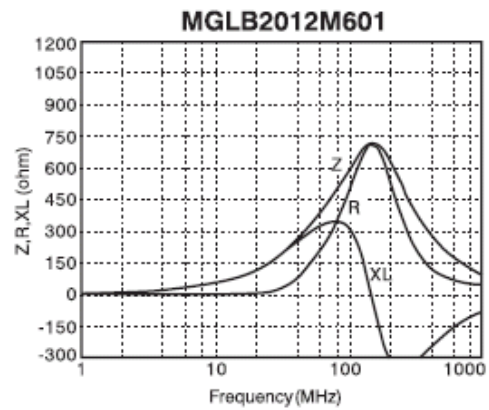
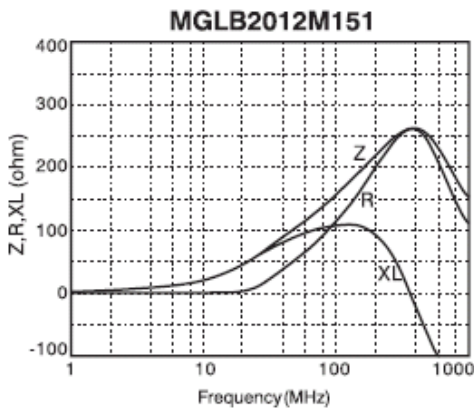
MGLB 1005 (0402) Series



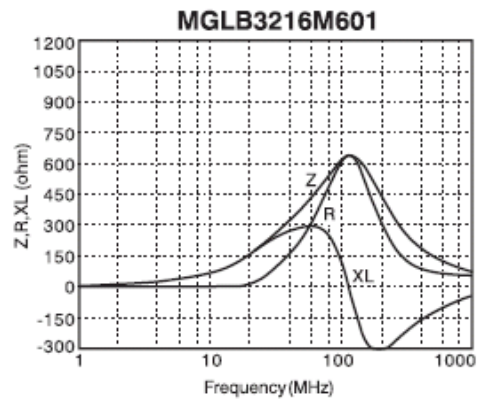
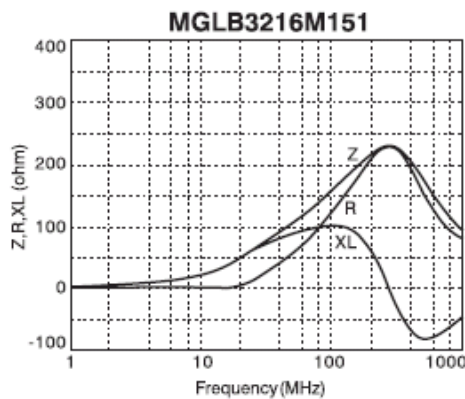
MGLB1608 (0603) Series



MGLB 2012 (0805) Series



MGLB 3216 (1206) Series



注：本 PDF 文件只提供了产品主要资料，因此在您希望订购或详细了解产品相关资料时，请及时联系麦捷科技以获得最新、最全的产品资料。

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Ferrite Beads](#) category:

Click to view products by [microgate](#) manufacturer:

Other Similar products are found below :

[BLE32PN300SZ1L](#) [2943778301](#) [BMB1J0120BN3JIT](#) [82350120560](#) [0261014605](#) [2643066902](#) [BLM03AX800SZ1D](#) [3061000011](#)
[2673045901](#) [2643083601](#) [2643074901](#) [4361142521](#) [4078078621](#) [4078044821](#) [4078033621](#) [CZB2BFTTE121P](#) [BMB2A0120AN2](#)
[BLM03HD182FZ1D](#) [BMB1J0200BN3JIT](#) [EMI0805R-220](#) [BLM03BX182SN1D](#) [74279250](#) [7427924](#) [CZB1JGTTD202P](#) [BPH403025W4-](#)
[470T](#) [MAF0603GWY551AT000](#) [MAF1005GWZ102AT000](#) [BLM18HE152SH1D](#) [2944778302](#) [BLM02PX100SN1D](#) [BLM02PX600SN1D](#)
[SA1206C101MBNT](#) [SMB2.5-1](#) [EMI1806R-80](#) [EMI1806R-150](#) [EMI1206R-600](#) [BLM02KX180SN1D](#) [BLM03HG102SH1D](#)
[BLM02BC100SN1D](#) [BLM02KX100SN1D](#) [BLM03HG601SH1D](#) [BLM02BB101SN1D](#) [BLM03PX121SN1D](#) [BLM03HG122SH1D](#)
[BLM02BC220SN1D](#) [BLE32PN260SH1L](#) [BLE32PN260SN1L](#) [BLE32PN260SZ1L](#) [7427501](#) [74275013](#)