

# MURATA 表面贴装电感器

RoHS Compliant 该产品符合欧盟 RoHS 标准。



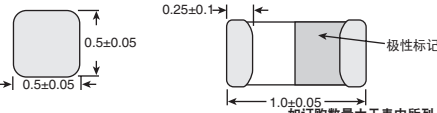
## LQG 高频叠层型空心磁芯线圈 (续)

LQG15HS 系列片式电感器专为高频应用领域设计。LQG15H 系列设计用于通过集成叠层工艺在高频范围实现稳定的特性。

应用:

- 手机的高频电路, 例如 PA、ANT、VCO、SAW 等
- GSM、CDMA、PDC 等手机
- 蓝牙

尺寸: mm

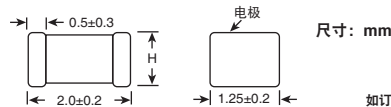


| 贸泽电子料号             | Murata 料号       | 封装尺寸 | 电感 (nH) | 容差    | Q 最小值 | 测试频率 (MHz) | SRF (最小值) | DCR (最大值) | 额定电流 (mA) | 单价   |      |      |      | 整卷数量  | 每件单价 |
|--------------------|-----------------|------|---------|-------|-------|------------|-----------|-----------|-----------|------|------|------|------|-------|------|
|                    |                 |      |         |       |       |            |           |           |           | 1    | 50   | 100  | 1000 |       |      |
| 81-LQG15HN2N7S02D  | LQG15HN2N7S02D  | 0402 | 2.7     | 0.3nH | 8     | 100        | 6000      | 0.15      | 300       | .52  | .32  | .305 | .194 | 10000 | .142 |
| 81-LQG15HN3N3S02D  | LQG15HN3N3S02D  | 0402 | 3.3     | 0.3nH | 8     | 100        | 6000      | 0.17      | 300       | .52  | .32  | .305 | .194 | 10000 | .142 |
| 81-LQG15HN3N9S02D  | LQG15HN3N9S02D  | 0402 | 3.9     | 0.3nH | 8     | 100        | 6000      | 0.18      | 300       | .52  | .32  | .305 | .194 | 10000 | .142 |
| 81-LQG15HN4N7S02D  | LQG15HN4N7S02D  | 0402 | 4.7     | 0.3nH | 8     | 100        | 6000      | 0.18      | 300       | .52  | .32  | .305 | .194 | 10000 | .142 |
| 81-LQG15HN7N5J02D  | LQG15HN7N5J02D  | 0402 | 7.5     | 5%    | 8     | 100        | 4500      | 0.24      | 300       | .52  | .32  | .305 | .194 | 10000 | .142 |
| 81-LQG15HN8N2J02D  | LQG15HN8N2J02D  | 0402 | 8.2     | 5%    | 8     | 100        | 3700      | 0.24      | 300       | .52  | .32  | .305 | .194 | 10000 | .142 |
| 81-LQG15HN15N5J02D | LQG15HN15N5J02D | 0402 | 15      | 5%    | 8     | 100        | 2500      | 0.32      | 300       | .52  | .32  | .305 | .194 | 10000 | .142 |
| 81-LQG15HN68N5J02D | LQG15HN68N5J02D | 0402 | 68      | 5%    | 8     | 100        | 800       | 0.92      | 180       | .52  | .358 | .328 | .209 | 10000 | .156 |
| 81-LQG18HN1N2S00   | LQG18HN1N2S00D  | 0603 | 1.2     | 0.3nH | 12    | 100        | 6000      | 0.10      | 300       | 1.12 | .976 | .909 | .581 | 4000  | .432 |
| 81-LQG11A1N5S00    | LQG18HN1N5S00D  | 0603 | 1.5     | 0.3nH | 12    | 100        | 6000      | 0.10      | 300       | 1.12 | .976 | .909 | .581 | 4000  | .432 |
| 81-LQG18HN1N8S00D  | LQG18HN1N8S00D  | 0603 | 1.8     | 0.3nH | 12    | 100        | 6000      | 0.10      | 300       | 1.12 | .976 | .909 | .581 | 4000  | .432 |
| 81-LQG11A2N2S00    | LQG18HN2N2S00D  | 0603 | 2.2     | 0.3nH | 12    | 100        | 6000      | 0.10      | 300       | 1.12 | .976 | .909 | .581 | 4000  | .432 |
| 81-LQG11A2N7S00    | LQG18HN2N7S00D  | 0603 | 2.7     | 0.3nH | 12    | 100        | 6000      | 0.15      | 300       | 1.12 | .976 | .909 | .581 | 4000  | .432 |
| 81-LQG11A3N3S00    | LQG18HN3N3S00D  | 0603 | 3.3     | 0.3nH | 12    | 100        | 6000      | 0.15      | 300       | 1.12 | .976 | .909 | .581 | 4000  | .432 |
| 81-LQG11A3N9S00    | LQG18HN3N9S00D  | 0603 | 3.9     | 0.3nH | 12    | 100        | 6000      | 0.15      | 300       | 1.27 | 1.14 | 1.07 | .685 | 4000  | .507 |
| 81-LQG11A4N7S00    | LQG18HN4N7S00D  | 0603 | 4.7     | 0.3nH | 12    | 100        | 6000      | 0.20      | 300       | 1.12 | .976 | .909 | .581 | 4000  | .432 |
| 81-LQG18HN5N6S00D  | LQG18HN5N6S00D  | 0603 | 5.6     | 0.3nH | 12    | 100        | 6000      | 0.20      | 300       | 1.12 | .976 | .909 | .581 | 4000  | .432 |
| 81-LQG18HN6N8J00D  | LQG18HN6N8J00D  | 0603 | 6.8     | 5%    | 12    | 100        | 5000      | 0.25      | 300       | 1.12 | .976 | .909 | .581 | 4000  | .432 |
| 81-LQG18HN8N2J00D  | LQG18HN8N2J00D  | 0603 | 8.2     | 5%    | 12    | 100        | 3500      | 0.25      | 300       | 1.12 | .976 | .909 | .581 | 4000  | .432 |
| 81-LQG11A10NJ00    | LQG18HN10NJ00D  | 0603 | 10      | 5%    | 12    | 100        | 3500      | 0.30      | 300       | 1.12 | .976 | .909 | .581 | 4000  | .432 |
| 81-LQG11A12NJ00    | LQG18HN12NJ00D  | 0603 | 12      | 5%    | 12    | 100        | 3000      | 0.35      | 300       | 1.12 | .976 | .909 | .581 | 4000  | .432 |
| 81-LQG11A15NJ00    | LQG18HN15NJ00D  | 0603 | 15      | 5%    | 12    | 100        | 2800      | 0.40      | 300       | 1.12 | .976 | .909 | .581 | 4000  | .432 |
| 81-LQG18HN18NJ00D  | LQG18HN18NJ00D  | 0603 | 18      | 5%    | 12    | 100        | 2800      | 0.45      | 300       | 1.12 | .976 | .909 | .581 | 4000  | .432 |
| 81-LQG18HN22NJ00   | LQG18HN22NJ00D  | 0603 | 22      | 5%    | 12    | 100        | 2300      | 0.50      | 300       | 1.12 | .976 | .909 | .581 | 4000  | .432 |
| 81-LQG18HN27NJ00D  | LQG18HN27NJ00D  | 0603 | 27      | 5%    | 12    | 100        | 2300      | 0.55      | 300       | 1.12 | .976 | .909 | .581 | 4000  | .432 |
| 81-LQG11A33NJ00    | LQG18HN33NJ00D  | 0603 | 33      | 5%    | 12    | 100        | 1700      | 0.60      | 300       | 1.12 | .976 | .909 | .581 | 4000  | .432 |
| 81-LQG18HN39NJ00D  | LQG18HN39NJ00D  | 0603 | 39      | 5%    | 12    | 100        | 1700      | 0.65      | 300       | 1.27 | 1.14 | 1.07 | .685 | 4000  | .507 |
| 81-LQG18HN47NJ00D  | LQG18HN47NJ00D  | 0603 | 47      | 5%    | 12    | 100        | 1700      | 0.70      | 300       | 1.27 | 1.14 | 1.07 | .685 | 4000  | .507 |

## LQM 系列叠层型, 用于扼流圈铁氧体磁芯

LQM21D 系列为磁屏蔽片式电感器。它的直流电阻是我们的常规整体片式电感器的二分之一, 而且具有较高的电感。

| 电感         | 高度尺寸     |
|------------|----------|
| 1.0 至 10μH | 0.85±0.2 |
| 22 至 47μH  | 1.25±0.2 |



RoHS Compliant

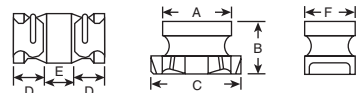
如订购数量大于表中所示, 请来电询价。

| 贸泽电子料号             | Murata 料号       | 封装尺寸 | 电感 (nH) | 容差  | Q 最小值 | 测试频率 (MHz) | SRF (最小值) | DCR (最大值) | 额定电流 (mA) | 单价   |      |      |      | 整卷数量 | 每件单价 |
|--------------------|-----------------|------|---------|-----|-------|------------|-----------|-----------|-----------|------|------|------|------|------|------|
|                    |                 |      |         |     |       |            |           |           |           | 1    | 50   | 100  | 1000 |      |      |
| 81-LQM18NN47NM00D  | LQM18NN47NM00D  | 0603 | 47nH    | 20% | 10    | 50         | 260       | 0.30      | 50        | 1.19 | 1.07 | 1.01 | .641 | 4000 | .477 |
| 81-LQM18NNR10K00D  | LQM18NNR10K00D  | 0603 | 0.10    | 10% | 15    | 25         | 240       | 0.50      | 50        | 1.19 | 1.07 | 1.01 | .641 | 4000 | .477 |
| 81-LQM18NNR56K00D  | LQM18NNR56K00D  | 0603 | 0.56    | 10% | 15    | 25         | 95        | 1.55      | 35        | 1.19 | 1.07 | 1.01 | .641 | 4000 | .477 |
| 81-LQM18NNR2R2K00D | LQM18NNR2R2K00D | 0603 | 2.20    | 10% | 35    | 10         | 50        | 1.15      | 15        | 1.34 | 1.21 | 1.13 | .723 | 4000 | .544 |
| 81-LQG21NR10K10    | LQM21NNR10K10D  | 0805 | 0.10    | 10% | 20    | 25         | 340       | 0.26      | 250       | 1.64 | 1.04 | .961 | .618 | 4000 | .462 |
| 81-LQG21NR15K10    | LQM21NNR15K10D  | 0805 | 0.15    | 10% | 20    | 25         | 270       | 0.32      | 250       | 1.64 | 1.04 | .961 | .618 | 4000 | .462 |
| 81-LQM21NNR18K10D  | LQM21NNR18K10D  | 0805 | 0.18    | 10% | 20    | 25         | 250       | 0.35      | 250       | 1.19 | 1.04 | .976 | .626 | 4000 | .462 |
| 81-LQG21NR22K10    | LQM21NNR22K10D  | 0805 | 0.22    | 10% | 20    | 25         | 220       | 0.38      | 250       | 1.64 | 1.04 | .961 | .618 | 4000 | .462 |
| 81-LQG21NR39K10    | LQM21NNR39K10D  | 0805 | 0.39    | 10% | 25    | 25         | 165       | 0.53      | 200       | 1.64 | 1.04 | .961 | .618 | 4000 | .462 |
| 81-LQG21NR47K10    | LQM21NNR47K10D  | 0805 | 0.47    | 10% | 25    | 25         | 150       | 0.57      | 200       | 1.64 | 1.04 | .961 | .618 | 4000 | .462 |
| 81-LQG21NR56K10    | LQM21NNR56K10D  | 0805 | 0.56    | 10% | 25    | 25         | 140       | 0.63      | 150       | 1.64 | 1.04 | .961 | .618 | 4000 | .462 |
| 81-LQM21NNR68K10D  | LQM21NNR68K10D  | 0805 | 0.68    | 10% | 25    | 25         | 125       | 0.72      | 150       | 1.27 | 1.12 | 1.05 | .745 | 4000 | .671 |
| 81-LQG21NR82K10    | LQM21NNR82K10D  | 0805 | 0.82    | 10% | 25    | 25         | 115       | 0.81      | 150       | 1.27 | 1.14 | 1.07 | .685 | 4000 | .507 |
| 81-LQM21FN1R0N00D  | LQM21FN1R0N00D  | 0805 | 1.0     | 30% | 45    | 10         | 107       | 0.40      | 50        | .82  | .723 | .671 | .432 | 4000 | .305 |
| 81-LQG21C1R0N00    | LQM21DN1R0N00D  | 0805 | 1.0     | 30% | -     | -          | 75        | 0.10      | 60        | 1.86 | 1.21 | 1.12 | .723 | 4000 | .544 |
| 81-LQG21N1R0K10    | LQM21NN1R0K10D  | 0805 | 1.0     | 10% | 45    | 10         | 107       | 0.40      | 50        | 1.71 | 1.12 | 1.04 | .671 | 4000 | .499 |
| 81-LQG21N1R2K10    | LQM21NN1R2K10D  | 0805 | 1.2     | 10% | 45    | 10         | 97        | 0.47      | 50        | 1.71 | 1.12 | 1.04 | .671 | 4000 | .499 |
| 81-LQG21N1R5K10    | LQM21NN1R5K10D  | 0805 | 1.5     | 10% | 45    | 10         | 87        | 0.50      | 50        | 1.71 | 1.12 | 1.04 | .671 | 4000 | .499 |
| 81-LQG21C2R2N00    | LQM21DN2R2N00D  | 0805 | 2.2     | 30% | -     | -          | 50        | 0.17      | 40        | 1.86 | 1.21 | 1.12 | .723 | 4000 | .544 |
| 81-LQG21N2R2K10    | LQM21NN2R2K10D  | 0805 | 2.2     | 10% | 45    | 10         | 71        | 0.63      | 30        | 1.71 | 1.12 | 1.04 | .671 | 4000 | .499 |
| 81-LQG21N2R7K10    | LQM21NN2R7K10L  | 0805 | 2.7     | 10% | 45    | 10         | 66        | 0.69      | 30        | 1.27 | .998 | .916 | .775 | 3000 | .708 |
| 81-LQG21N3R3K10    | LQM21NN3R3K10L  | 0805 | 3.3     | 10% | 45    | 10         | 59        | 0.80      | 30        | 1.27 | .998 | .916 | .775 | 3000 | .708 |
| 81-LQM21FN4R7N00L  | LQM21FN4R7N00L  | 0805 | 4.7     | 30% | -     | -          | 25        | 0.30      | 80        | .82  | .723 | .671 | .432 | 3000 | .32  |
| 81-LQG21C4R7N00    | LQM21DN4R7N00D  | 0805 | 4.7     | 30% | -     | -          | 35        | 0.30      | 30        | 1.86 | 1.21 | 1.12 | .723 | 4000 | .544 |
| 81-LQG21N4R7K10    | LQM21NN4R7K10L  | 0805 | 4.7     | 10% | 45    | 10         | 47        | 1.00      | 30        | 1.27 | .998 | .916 | .775 | 3000 | .708 |
| 81-LQM21FN100N00L  | LQM21FN100N00L  | 0805 | 10      | 30% | -     | -          | 15        | 0.50      | 60        | .82  | .738 | .693 | .44  | 3000 | .328 |
| 81-LQG21C100N00    | LQM21DN100N00D  | 0805 | 10      | 30% | -     | -          | 24        | 0.50      | 15        | 1.86 | 1.21 | 1.12 | .723 | 4000 | .544 |
| 81-LQG21C22N00     | LQM21DN22N00L   | 0805 | 22      | 30% | -     | -          | 16        | 0.65      | 13        | 1.19 | .954 | .879 | .738 | 3000 | .678 |

## LQH 系列扼流圈绕线式铁氧体磁芯

LQH31C 系列微型片式电感器具有较低的直流电阻、高电流量和高阻抗特性。它适合作为直流电源电路中的扼流圈。

| 系列      | 尺寸: mm  |         |         |           |           |         |
|---------|---------|---------|---------|-----------|-----------|---------|
|         | A       | B       | C       | D         | E         | F       |
| LQH31CN | 2.3±0.2 | 1.8±0.2 | 3.2±0.3 | 0.7 (最小值) | 0.7 (最小值) | 1.6±0.2 |
| LQH32CN | 2.5±0.2 | 2.0±0.2 | 3.2±0.3 | 0.9±0.3   | 1.3±0.2   | 2.5±0.2 |
| LQH43CN | 3.6±0.2 | 2.6±0.2 | 4.5±0.3 | 1.0 (最小值) | 1.0 (最小值) | 3.2±0.2 |



如订购数量大于表中所示, 请来电询价。

| 贸泽电子料号            | Murata 料号      | 封装尺寸 | 电感 (nH) | 容差  | Q 最小值 | 测试频率 (MHz) | SRF (最小值) | DCR (最大值) | 额定电流 (mA) | 单价   |      |      |      | 整卷数量 | 每件单价 |
|-------------------|----------------|------|---------|-----|-------|------------|-----------|-----------|-----------|------|------|------|------|------|------|
|                   |                |      |         |     |       |            |           |           |           | 1    | 25   | 50   | 100  |      |      |
| 81-LQH31CN1R0M03L | LQH31CN1R0M03L | 1206 | 1.0     | 20% | ~     | 1          | 100       | 0.28      | 510       | 5.44 | 4.77 | 4.17 | 3.43 | 2000 | 3.05 |
| 81-LQH31CN2R2M03L | LQH31CN2R2M03L | 1206 | 2.2     | 20% | ~     | 1          | 50        | 0.41      | 430       | 5.44 | 4.77 | 4.17 | 3.43 | 2000 | 3.05 |
| 81-LQH31CN4R7M03L | LQH31CN4R7M03L | 1206 | 4.7     | 20% | ~     | 1          | 31        | 0.65      | 340       | 5.44 | 4.77 | 4.17 | 3.43 | 2000 | 3.05 |
| 81-LQH31CN100K03L | LQH31CN100K03L | 1206 | 10      | 10% | ~     | 1          | 20        | 1.3       | 230       | 5.44 | 4.77 | 4.17 | 3.43 | 2000 | 3.05 |
| 81-LQH31CN470K03L | LQH31CN470K03L | 1206 | 47      | 10% | ~     | 1          | 10        | 8         | 100       | 5.44 | 4.77 | 4.17 | 3.43 | 2000 | 3.05 |
| 81-LQH31CN101K03L | LQH31CN101K03L | 1206 | 100     | 10% | ~     | 1          | 7         | 12        | 80        | 5.44 | 4.77 | 4.17 | 3.43 | 2000 | 3.05 |
| 81-LQH32CNR15M33L | LQH32CNR15M33L | 1210 | 0.15    | 20% | ~     | 1          | 400       | 0.028     | 1450      | 2.01 | 1.86 | 1.80 | 1.68 | 2000 | .797 |
| 81-LQH32CNR47M33L | LQH32CNR47M33L | 1210 | 0.47    | 20% | ~     | 1          | 150       | 0.042     | 1100      | 2.01 | 1.86 | 1.80 | 1.68 | 2000 | .797 |
| 81-LQH32CN1R0M23L | LQH32CN1R0M23L | 1210 | 1.0     | 20% | ~     | 1          | 96        | 0.09      | 800       | 2.01 | 1.86 | 1.80 | 1.68 | 2000 | .797 |