Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.
Please download the latest datasheet of LQG15WH1N0B02# from the official website of Murata

http://www.murata.com/en/products/productdetail?partno=LQG15WH1N0B02%23

# LQG15WH1N0B02#

"#"at the end indicates the package specification code.

Size Code 1005 (0402) in mm (in inch),Multilayer Type,High Q, Automotive available (Powertrain/Safety)

In Production | AEC-Q200 | RoHS | REACH | 125 °C max. | Multi-layer | High Q | Tight Tolerance | Reflow OK

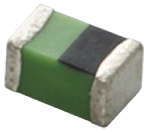
## < List of part numbers with package codes >

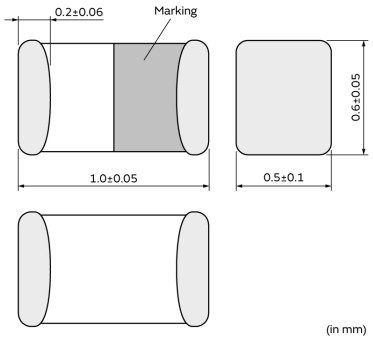
LQG15WH1N0B02B LQG15WH1N0B02D LQG15WH1N0B02J

## Applications

| | |
|---|---|
| Unsuitable Applications | Please be sure to read and comply with these "Precautions for use." |
| Specific Applications | Consumer equipment,Automotive infotainment/comfort equipment, Automotive powertrain/safety equipment, Medical equipment [GHTF A/B/C] except for implant & surgery & auto injector,Industrial Equipment<br>Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product. |
| Recommended Applications | Automotive powertrain/safety equipment |

## Appearance & Shape








**Attention**
1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
2.This datasheet has only typical specifications because there is no space for detailed specifications.
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.
Please download the latest datasheet of LQG15WH1N0B02# from the official website of Murata

http://www.murata.com/en/products/productdetail?partno=LQG15WH1N0B02%23

# LQG15WH1N0B02#

"#"at the end indicates the package specification code.

## References

| Packaging | Specifications | Standard Packing Quantity |
|---|---|---|
| B | Bulk(Bag) | 100 |
| D | 180mm Paper Tape | 10000 |
| J | 330mm Paper Tape | 40000 |

| Mass (typ.) | |
|---|---|
| 1 piece | 0.001g |



**Attention**
1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
2.This datasheet has only typical specifications because there is no space for detailed specifications.
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.
Please download the latest datasheet of LQG15WH1N0B02# from the official website of Murata

http://www.murata.com/en/products/productdetail?partno=LQG15WH1N0B02%23

# LQG15WH1N0B02#

"#"at the end indicates the package specification code.

## Specifications

| | |
|---|---|
| L size | 1.0±0.05mm |
| W size | 0.6±0.05mm |
| T size | 0.5±0.1mm |
| Size code inch (mm) | 0402 (1005) |
| Inductance | 1nH±0.1nH |
| Inductance Test Frequency | 100MHz |
| Rated current (Itemp)<br>(Based on Temperature rise) | 1200mA |
| Max. of DC resistance | 0.03Ω |
| Operating Temperature Range(Self-temperature rise is not included) | -55℃ to 125℃ |
| Class of magnetic shield | Non-Shielded |
| Q(min.) | - |
| Q Test Frequency | 250MHz |
| Self resonance frequency (min.) | 15000MHz |
| Brand | Murata |
| Series | LQG15WH_02 |



**Attention**
1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
2.This datasheet has only typical specifications because there is no space for detailed specifications.
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.
Please download the latest datasheet of LQG15WH1N0B02# from the official website of Murata

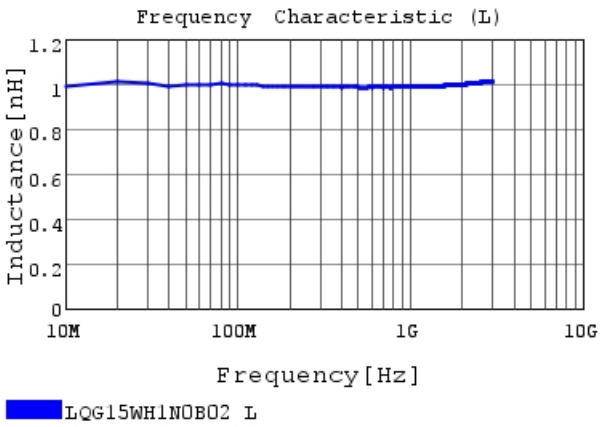
http://www.murata.com/en/products/productdetail?partno=LQG15WH1N0B02%23

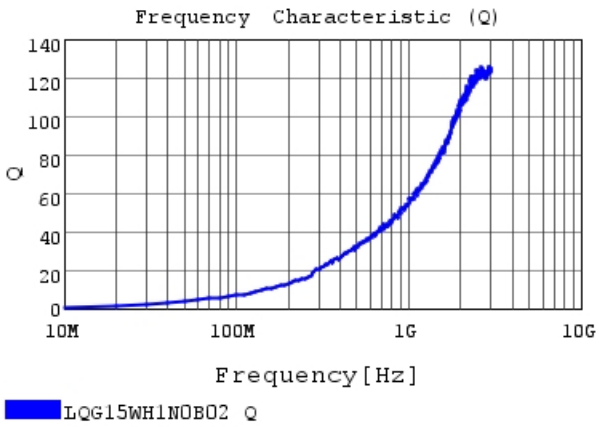
# LQG15WH1N0B02#

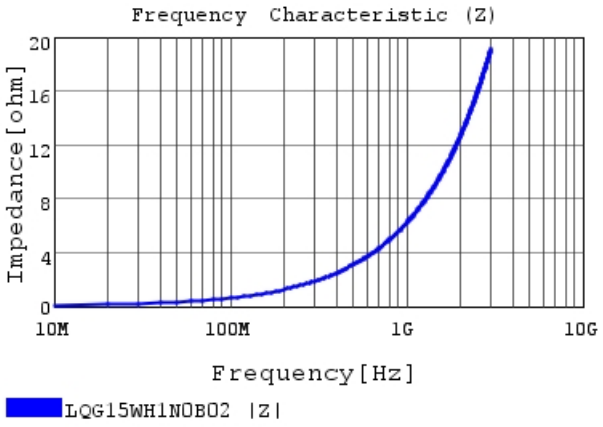
"#"at the end indicates the package specification code.

## Characteristic Data

The charts below may show another part number which shares its characteristics.






**Attention**
1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
2.This datasheet has only typical specifications because there is no space for detailed specifications.
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

# Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

## Murata Manufacturing:

GRM155C81E225KE11D DLM0QSB350HY2D GRM1555C2A330JA01D GRM31BR73A471KW01L
LQH43MN102J03L LQH44PN3R3MPRL GRM1555C1H4R7CA01D GRT155C81A105KE01D
BLM18HE601SN1D DFE201610P-2R2M=P2 GJM1555C1H6R0BB01D GRM21BC81E106ME51L
LQG15WZ9N5H02D BLM18HE152SZ1D GRM0335C1H7R0BA01D LQG15WZ0N7C02D 84225C
GRM033R71A472KA01D LQG15HS12NJ02D LXES02TAA1-145 BLM21BD222TN1D LQG15WH19NH02D
LQG18HH3N9S00D LQH5BPN100MT0L LQW2BAN68NG00L GRM033R71E222KA12D
GCM188R71H152KA37D GRM155R61A223KA01D LBEE5XV1YM-574 XRCGE26M000FXA2AR0