Note: This datasheet may be out of date.
Please download the latest datasheet of LQG18HH12NJ00# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=LQG18HH12NJ00%23

LQG18HH12NJ00B

"#" indicates a package specification code.

for Automotive

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

< List of part numbers with package codes >

LQG18HH12NJ00B   LQG18HH12NJ00D   LQG18HH12NJ00J
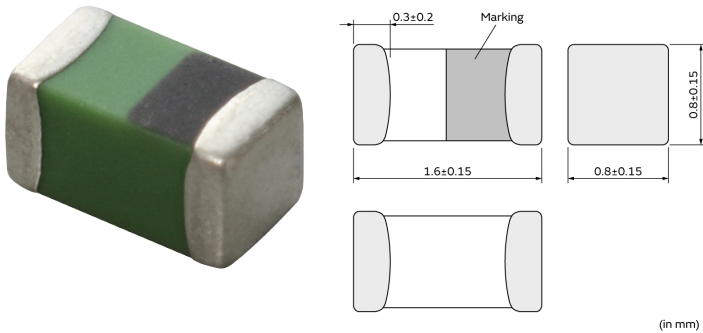
Applications

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 & operation & auto-dispenser equipment,Industrial equipment except for transportation & facility & energy equipment 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.

References

Packaging	Specifications	Standard Packing Quantity
B	Bulk(Bag)	1000
D	180mm Paper Tape	4000
J	330mm Paper Tape	10000

Mass (typ.)	
1 piece	0.003g

Appearance & Shape

0.3±0.2   Marking

0.8±0.15

1.6±0.15   0.8±0.15

(in mm)

1 of 3

Product Search Data Sheet

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LQG18HH12NJ00B

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Specifications

L size	1.6±0.15mm
W size	0.8±0.15mm
T size	0.8±0.15mm
Size code inch (mm)	0603 (1608)
Inductance	12nH±5%
Inductance Test Frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	600mA
Max. of DC resistance	0.3Ω
Q(min.)	12
Q Test Frequency	100MHz
Self resonance frequency (min.)	2200MHz
Operating Temperature Range(Self-temperature rise is not included)	-55℃ to 125℃
Brand	Murata
Series	LQG18HH_00

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.
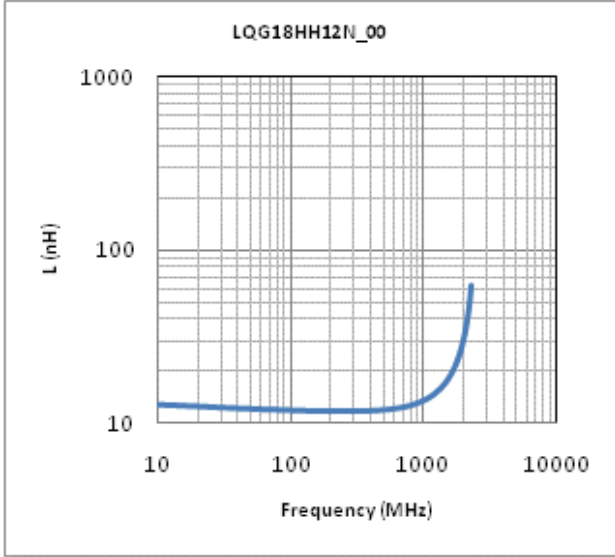
2.This datasheet has only typical specifications because there is no space for detailed specifications. Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.
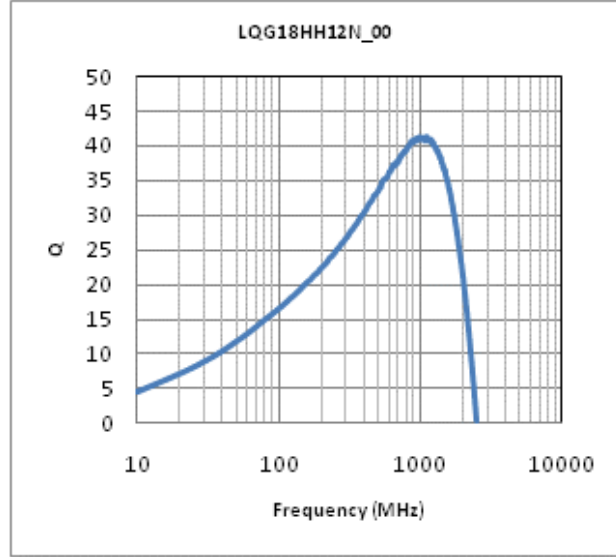
URL : https://www.murata.com/

Last updated06/13/2023

LQG18HH12NJ00B

"#" indicates a package specification code.

Characteristic Data

Inductance - Frequency Characteristics

Q-Frequency Characteristics

URL : https://www.murata.com/

Last updated06/13/2023