

# LQG18HN12NJ00D

“#” at the end indicates the package specification code.

Size Code 1608 (0603) in mm (in inch), Multilayer Type

In Production

RoHS

REACH

85 °C max.

Multi-layer

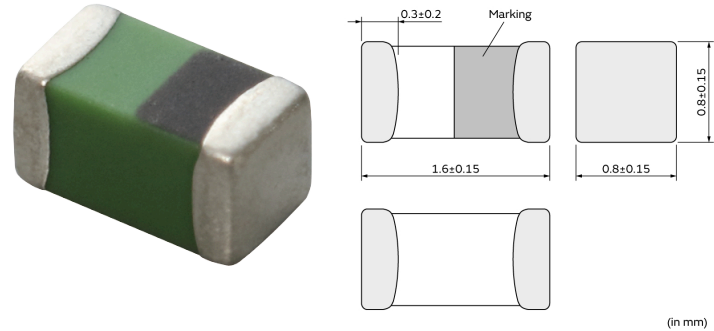
Reflow OK

< List of part numbers with package codes >  
 LQG18HN12NJ00B      LQG18HN12NJ00D      LQG18HN12NJ00J

## Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	<p>Consumer equipment, Medical equipment [GHTE A/B/C] except for implant &amp; surgery &amp; auto injector, Industrial equipment except for transportation &amp; facility &amp; energy equipment</p> <p>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.</p>
Recommended Applications	Consumer 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.

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## 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

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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	0.35Ω
Operating Temperature Range(Self-temperature rise is not included)	-40°C to 85°C
Class of magnetic shield	Non-Shielded
Q(min.)	12
Q Test Frequency	100MHz
Self resonance frequency (min.)	3000MHz
Brand	Murata
Series	LQG18HN_00

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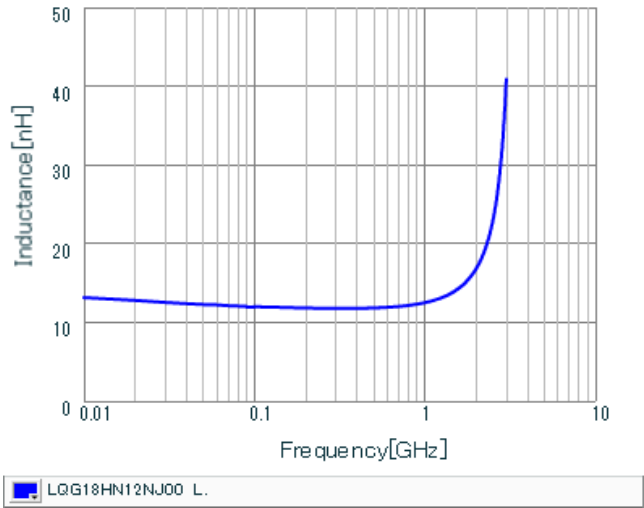
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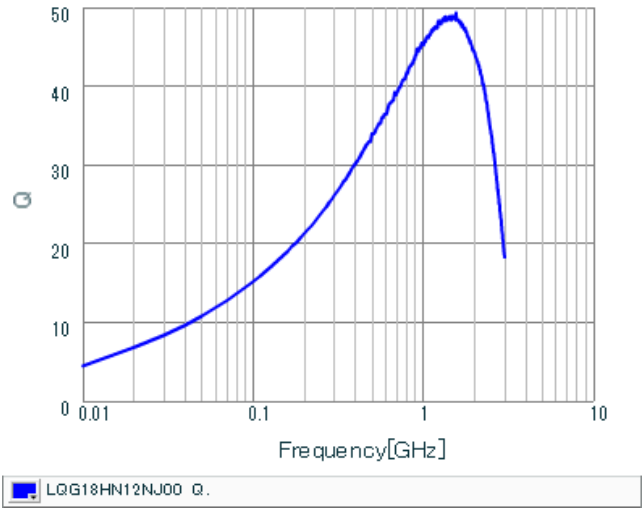
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## Characteristic Data



Inductance - Frequency Characteristics



Q-Frequency Characteristics

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