

LQH31HZR61J03#

Note: This datasheet may be out of date. Please download the latest datasheet of LQH31HZR61J03# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=LQH31HZR61J03%23

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

Size Code 3216 (1206) in mm (in inch), Ferrite Core High Frequency Wound Type



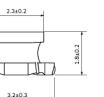
< List of part numbers with package codes > LQH31HZR61J03K LQH31HZR61J03L

# Applications

Unsuitable	Please be sure to read and comply with
Applications	these "Precautions for use."
Applications Specific Applications	Consumer equipment,Automotive infotainment/comfort equipment,Medical equipment [GHTF A/B/C] except for implant & surgery & auto injector, 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.
Recommended	Automotive infotainment/comfort
Applications	equipment







0.7 n

0.7 mir



1.6±0.2

1.6±0.2

(in mm)

References

Packaging	Specifications	Standard Packing Quantity
К	330Embossed Tape	7500
L	180Embossed Tape	2000

Mass (typ.)		
1 piece	0.029g	

1 of 3

### 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.





LQH31HZR61J03#

Note: This datasheet may be out of date. Please download the latest datasheet of LQH31HZR61J03# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=LQH31HZR61J03%23

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



## Specifications

L size	3.2±0.3mm
W size	1.6±0.2mm
T size	1.8±0.2mm
Size code inch (mm)	1206 (3216)
Inductance	610nH±5%
Inductance Test Frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	250mA
Max. of DC resistance	0.624Ω
DC resistance	0.48Ω±30%
Operating Temperature Range(Self-temperature rise is not included)	-40℃ to 85℃
Class of magnetic shield	Non-Shielded
Q(min.)	60
Q Test Frequency	100MHz
Self resonance frequency (min.)	240MHz
Brand	Murata
Series	LQH31HZ_03

2 of 3

### 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.

Product Search Data Sheet



LQH31HZR61J03#

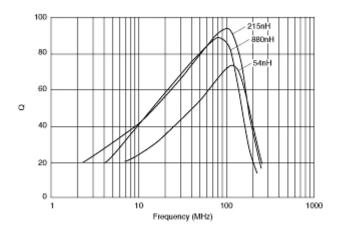
Note: This datasheet may be out of date. Please download the latest datasheet of LQH31HZR61J03# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=LQH31HZR61J03%23

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



# Characteristic Data



**Q-Frequency Characteristics** 

3 of 3

#### 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.

