

# LQH31HZR50J03#

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

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

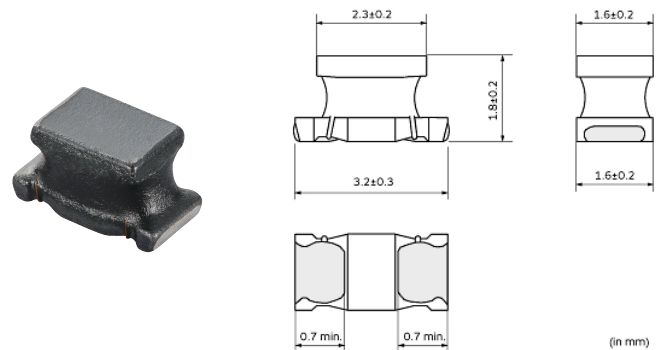


< List of part numbers with package codes >  
LQH31HZR50J03K      LQH31HZR50J03L

## Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Consumer equipment, Automotive infotainment/comfort equipment, Medical equipment [GHF 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 Applications	Automotive infotainment/comfort equipment

## Appearance & Shape



## References

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

Mass (typ.)	
1 piece	0.029g

### Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its 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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## 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	500nH±5%
Inductance Test Frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	260mA
Max. of DC resistance	0.572Ω
DC resistance	0.44Ω±30%
Operating Temperature Range(Self-temperature rise is not included)	-40°C to 85°C
Class of magnetic shield	Non-Shielded
Q(min.)	60
Q Test Frequency	100MHz
Self resonance frequency (min.)	270MHz
Brand	Murata
Series	LQH31HZ_03

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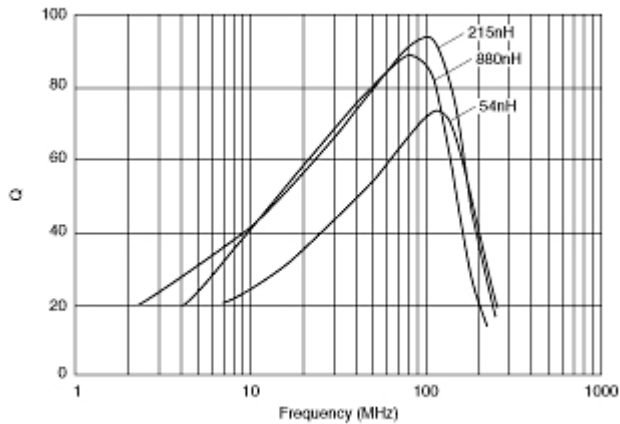
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## Characteristic Data



Q-Frequency Characteristics

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