Note: This datasheet may be out of date.
Please download the latest datasheet of LQW31HN47NK03# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=LQW31HN47NK03%23

LQW31HN47NK03#

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

Size Code 3216 (1206) in mm (in inch), Wound Type

To be discontinued | RoHS | REACH | 85 °C max. | Wound (Non mag) | Reflow OK | Flow OK

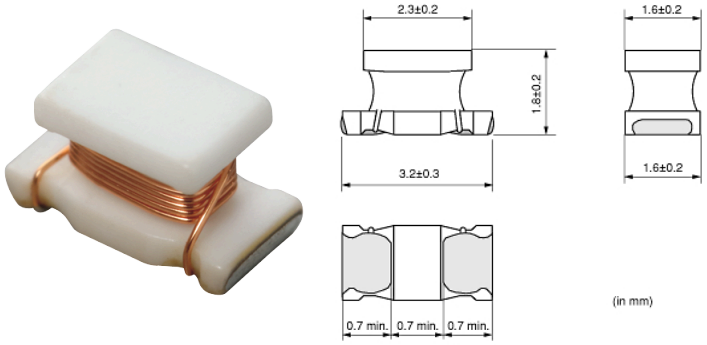
< List of part numbers with package codes >

LQW31HN47NK03K LQW31HN47NK03L

Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Consumer 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 Applications	Consumer equipment

Appearance & Shape



References

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

Mass (typ.)	
1 piece	0.02g

Attention
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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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LQW31HN47NK03#

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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	47nH±10%
Inductance Test Frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	380mA
Max. of DC resistance	0.154Ω
DC resistance	0.11Ω±40%
Operating Temperature Range(Self-temperature rise is not included)	-40℃ to 85℃
Class of magnetic shield	Non-Shielded
Q(min.)	60
Q Test Frequency	436MHz
Self resonance frequency (min.)	1000MHz
Brand	Murata
Series	LQW31HN_03

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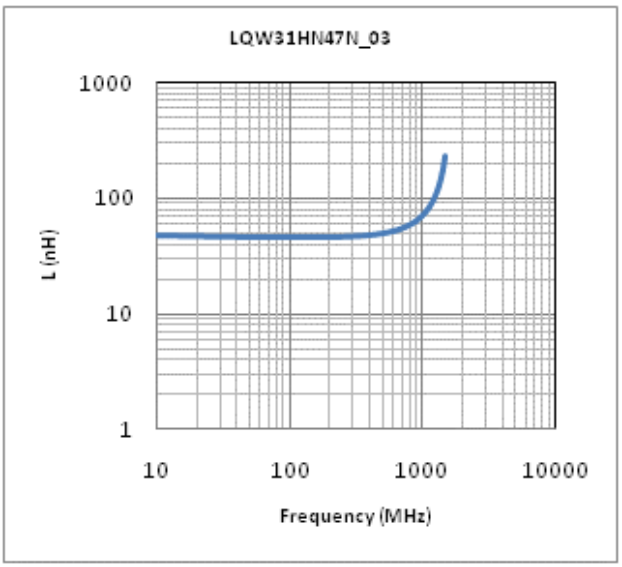
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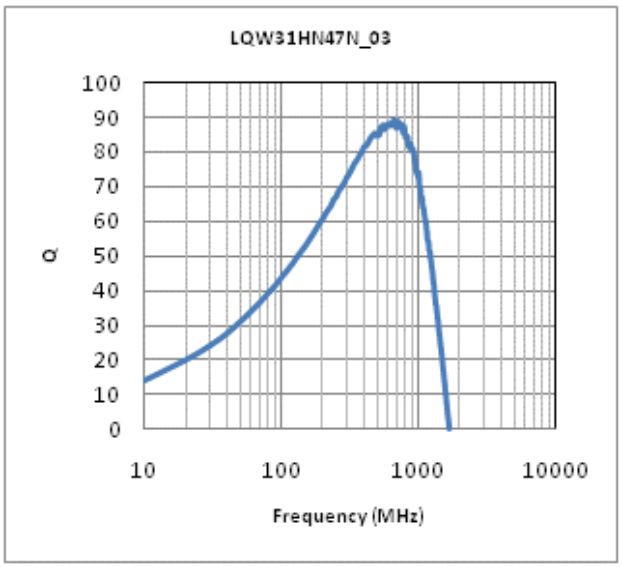
LQW31HN47NK03#

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Characteristic Data



Inductance - Frequency Characteristics



Q-Frequency Characteristics

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