

# 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

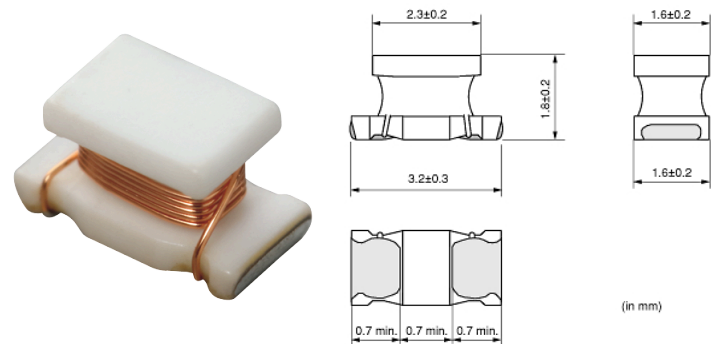
## < List of part numbers with package codes >

LQW31HN47NK03K      LQW31HN47NK03L

## Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	<p>Consumer equipment, Medical equipment [GHTF 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



## References

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

Mass (typ.)	
1 piece	0.02g

### Attention

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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°C to 85°C
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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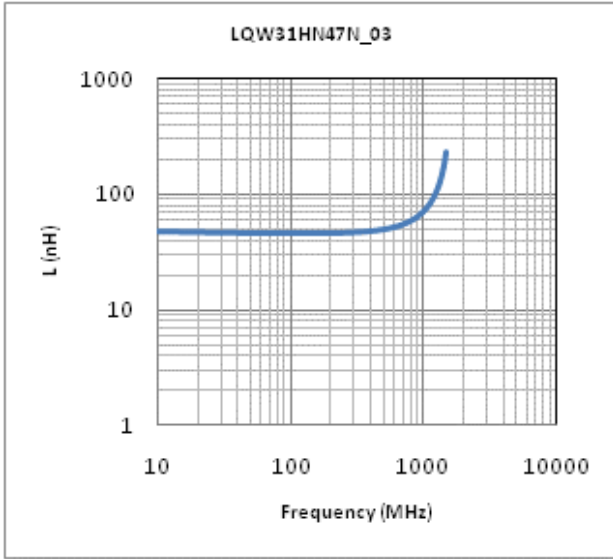
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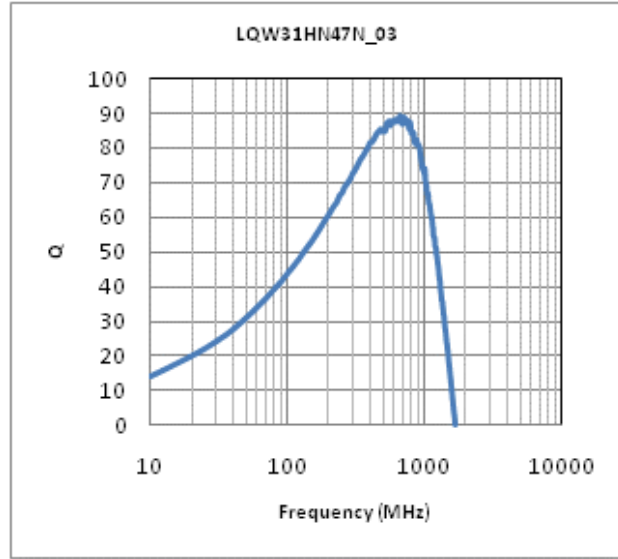
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## Characteristic Data



Inductance - Frequency Characteristics



Q-Frequency Characteristics

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