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Please download the latest datasheet of LQH31HNR50K03# from the official website of Murata

http://www.murata.com/en/products/productdetail?partno=LQH31HNR50K03%23

LQH31HNR50K03#

"#"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 > LQH31HNR50K03K LQH31HNR50K03L

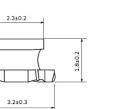
Applications

Unsuitable	Please be sure to read and comply with
Applications	these "Precautions for use."
	Consumer equipment,Medical
	equipment [GHTF A/B/C] except for
	implant & surgery & auto injector,
	Industrial equipment except for
	transportation & facility & energy
	equipment
Specific	Please refer to Our Website and
Applications	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	Consumer equipment
Applications	Consumer equipment



Appearance & Shape









1.6±0.2



(in mm)



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

Mass (typ.)		
1 piece	0.029g	

1 of 3

Attention

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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.

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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±10%
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℃ to 85℃
Class of magnetic shield	Non-Shielded
Q(min.)	60
Q Test Frequency	100MHz
Self resonance frequency (min.)	270MHz
Brand	Murata
Series	LQH31HN_03

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Product Search Data Sheet



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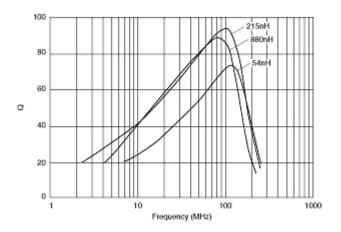
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Characteristic Data



Q-Frequency Characteristics

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