

Note: This datasheet may be out of date.

Please download the latest datasheet of LQH31MN1R2K03# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=LQH31MN1R2K03%23

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

Size Code 3216 (1206) in mm (in inch)















< List of part numbers with package codes > LQH31MN1R2K03K LQH31MN1R2K03L

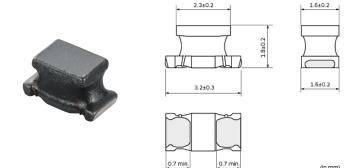


Applications

	Let 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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	Canadianant
Applications	Consumer equipment



Appearance & Shape





Notices

When rated current is applied to the products, self-temperature rise shall be limited to 20°C max and inductance will be within ±10% of initial inductance value.

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 $2. This \ data{sheet has only typical specifications because there is no \ space for \ detailed \ specifications.}$





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References

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

Mass (typ.)	
1 piece	0.029g

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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	1.2µH±10%
Inductance Test Frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	165mA
Max. of DC resistance	1.17Ω
DC resistance	0.9Ω±30%
Operating Temperature Range(Self-temperature rise is not included)	-40°C to 85°C
Class of magnetic shield	Non-Shielded
Q(min.)	35
Q Test Frequency	10MHz
Self resonance frequency (min.)	90MHz
Brand	Murata
Series	LQH31MN_03

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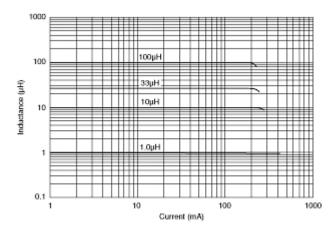
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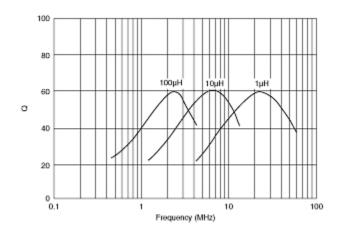
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Characteristic Data





Impedance - Current Characteristics

Q-Frequency Characteristics

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