

LQM31PN1R0M00L

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

Size Code 3216 (1206) in mm (in inch), 0.95mm max. Thickness



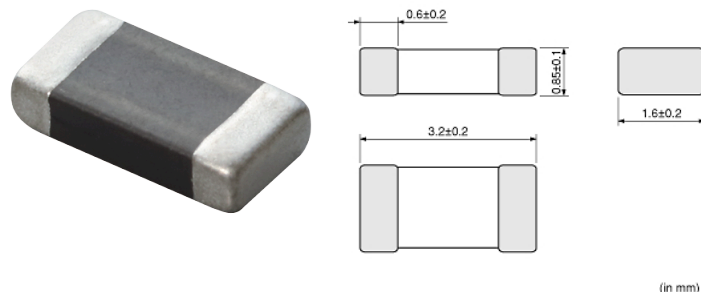
< List of part numbers with package codes >

LQM31PN1R0M00B LQM31PN1R0M00L

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
B	Bulk(Bag)	1000
L	180Embossed Tape	3000

Mass (typ.)	
1 piece	0.024g

Attention

1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's 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±0.2mm
W size	1.6±0.2mm
T size	0.85±0.1mm
Size code inch (mm)	1206 (3216)
Inductance	1μH±20%
Inductance Test Frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	1200mA
Max. of DC resistance	0.15Ω
DC resistance	0.12Ω±25%
Class of magnetic shield	Shielded (Ferrite Core)
Self resonance frequency (min.)	60MHz
Brand	Murata
Operating Temperature Range	-55°C to 125°C
Series	LQM31PN_00

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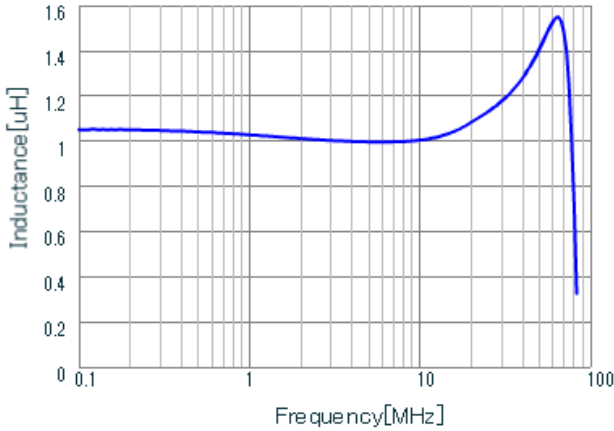
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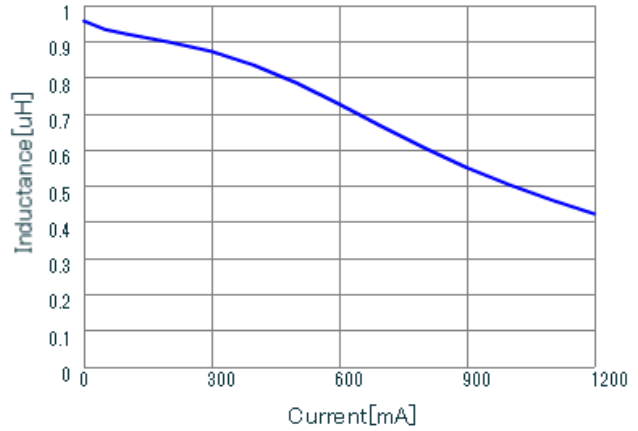
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Characteristic Data

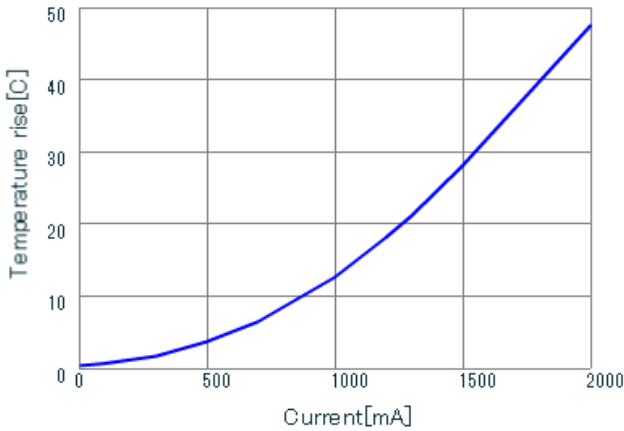


LQM31PN1R0M00 L



LQM31PN1R0M00 DC-Bias, 20

Inductance - Frequency Characteristics



LQM31PN1R0M00 DT_Current

Impedance - Current Characteristics

Temperature Increase Characteristic

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