

LQM18JNR16J00#

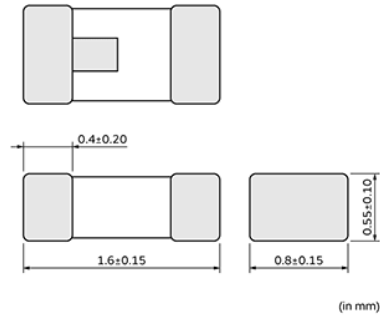
“#” indicates a package specification code.

For NFC circuit, low leakage flux, small change of electrical characteristics on large current amplitude.



< List of part numbers with package codes >
LQM18JNR16J00B LQM18JNR16J00D

Appearance & Shape



References

Packaging	Specifications	Minimum Order Quantity
B	Bulk(Bag)	1000
D	180mm Paper Tape	4000

Mass (typ.)	
1 piece	0.004g

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	1.6±0.15mm
W size	0.8±0.15mm
T size	0.55±0.10mm
Size code inch (mm)	0603 (1608)
Inductance	160nH±5%
Inductance Test Frequency	25MHz
Rated current (Itemp) (Based on Temperature rise)	550mA
Max. of DC resistance	0.75Ω
Class of magnetic shield	Ferrite Core
Q(min.)	8
Q Test Frequency	25MHz
Self resonance frequency (min.)	100MHz
DC Resistance Intermediate Values	0.6Ω±25%
Operating Temperature Range	-40°C to 85°C
Series	LQM18JN_00

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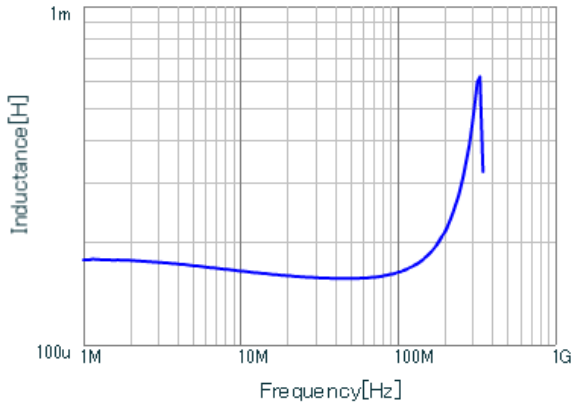
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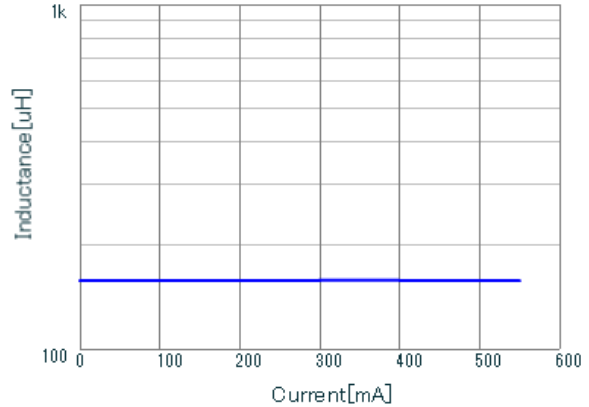
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Product Data



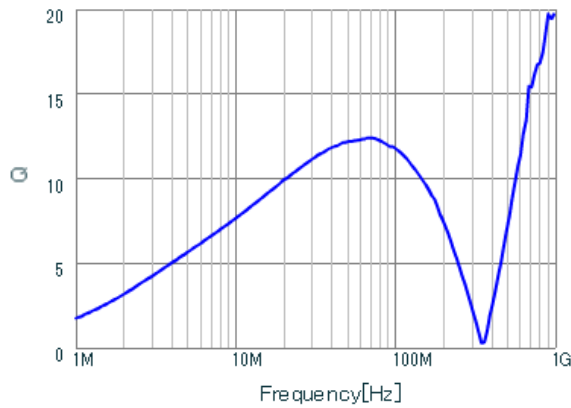
LQM18JNR16J00 L

Inductance - Frequency Characteristics



LQM18JNR16J00 DC-Bias, 20

Impedance - Current Characteristics



LQM18JNR16J00 Q

Q-Frequency Characteristics

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