

LQM18JNR10J00#

“#” indicates a package specification code.

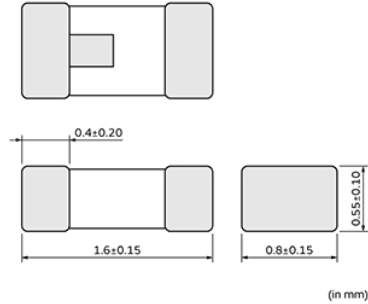
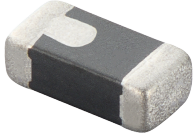
For NFC circuit, low leakage flux, small change of electrical characteristics on large current amplitude.



< List of part numbers with package codes >

LQM18JNR10J00B LQM18JNR10J00D

Appearance & Shape



References

Packaging	Specifications	Standard Packing 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.
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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	100nH±5%
Inductance Test Frequency	25MHz
Rated current (Itemp) (Based on Temperature rise)	650mA
Max. of DC resistance	0.5125Ω
Class of magnetic shield	Ferrite Core
Q(min.)	8
Q Test Frequency	25MHz
Self resonance frequency (min.)	200MHz
Brand	Murata
DC Resistance Intermediate Values	0.41Ω±25%
Operating Temperature Range	-40°C to 85°C
Series	LQM18JN_00

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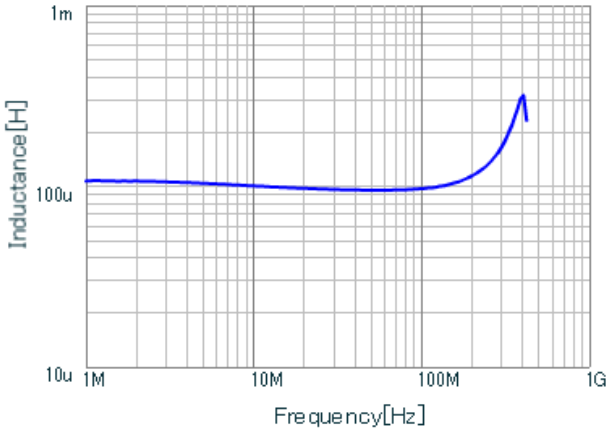
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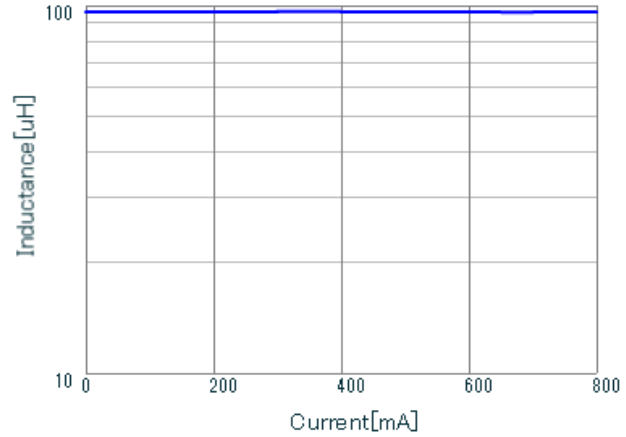
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Characteristic Data

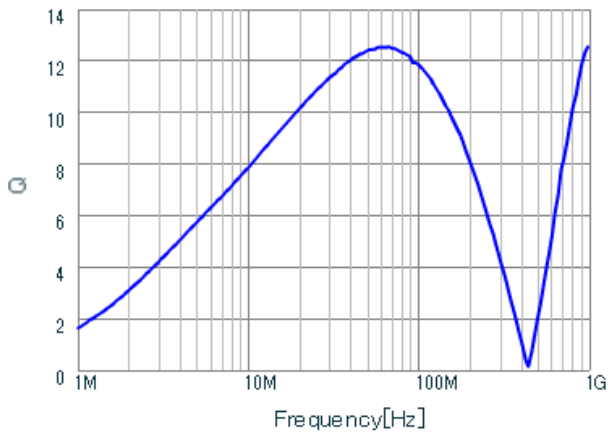


LQM18JNR10J00 L



LQM18JNR10J00 DC-Bias, 20

Inductance - Frequency Characteristics



LQM18JNR10J00 Q

Impedance - Current Characteristics

Q-Frequency Characteristics

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