

LQM18JNR12J00#

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

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



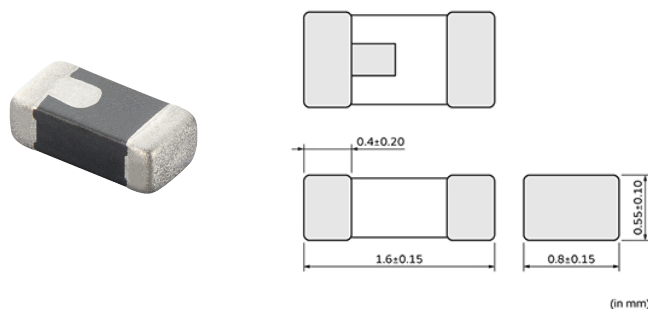
< List of part numbers with package codes >

LQM18JNR12J00B LQM18JNR12J00D

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
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	120nH±5%
Inductance Test Frequency	25MHz
Rated current (Itemp) (Based on Temperature rise)	610mA
Max. of DC resistance	0.5875Ω
DC resistance	0.47Ω±25%
Class of magnetic shield	Shielded (Ferrite Core)
Q(min.)	8
Q Test Frequency	25MHz
Self resonance frequency (min.)	150MHz
Brand	Murata
Operating Temperature Range	-40°C to 85°C
Series	LQM18JN_00

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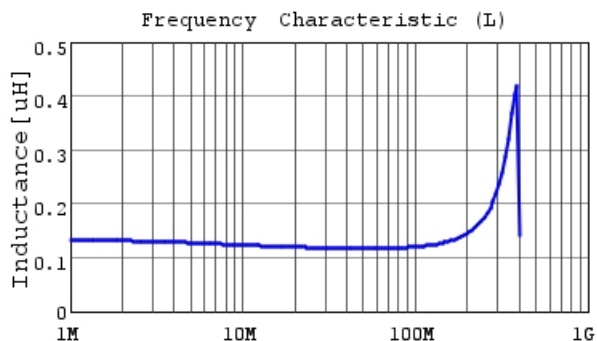
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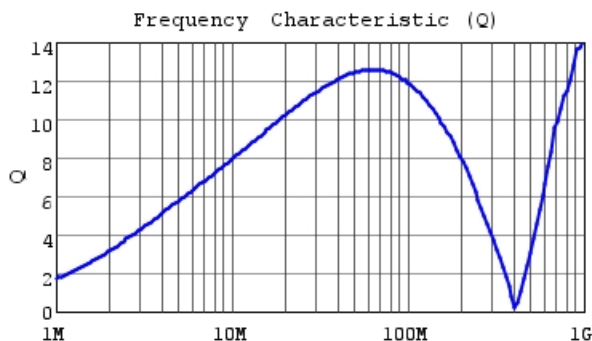
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Characteristic Data

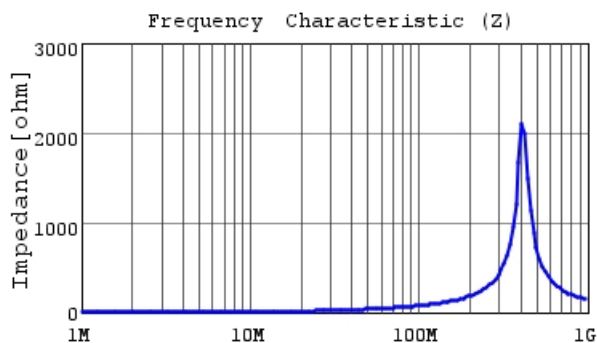
The charts below may show another part number which shares its characteristics.



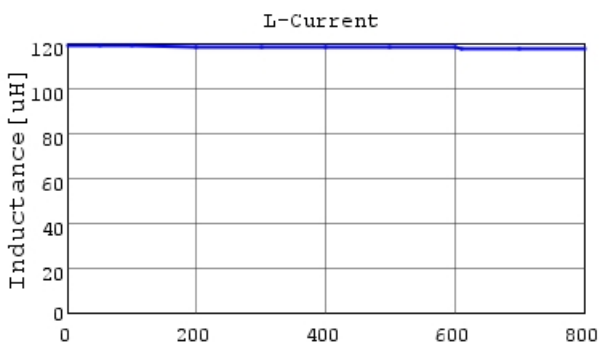
LQM18JNR12J00 L



LQM18JNR12J00 Q



LQM18JNR12J00 |Z|



LQM18JNR12J00 L-Current 20degC

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