

# LQM21DN4R7N00#

“#” indicates a package specification code.

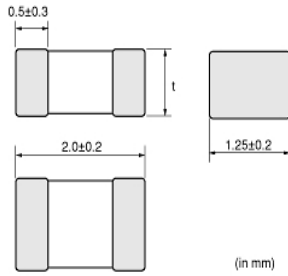
Low DC Resistance Type



< List of part numbers with package codes >

LQM21DN4R7N00J      LQM21DN4R7N00B      LQM21DN4R7N00D

## Appearance & Shape



Dimension of t	Inductance: 1.0 to 10μH	0.85±0.2
	Inductance: 22 to 47μH	1.25±0.2

(in mm)

## References

Packaging	Specifications	Standard Packing Quantity
J	330mm Paper Tape	10000
B	Bulk(Bag)	1000
D	180mm Paper Tape	4000

Mass (typ.)	
1 piece	0.01g

### 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	2.0±0.2mm
W size	1.25±0.2mm
T size	0.85±0.2mm
Size code inch (mm)	0805 (2012)
Inductance	4.7μH±30%
Inductance Test Frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	30mA
Max. of DC resistance	0.3Ω
Class of magnetic shield	Ferrite Core
Self resonance frequency (min.)	35MHz
Operating Temperature Range(Self-temperature rise is not included)	-40°C to 85°C
Series	LQM21DN_00

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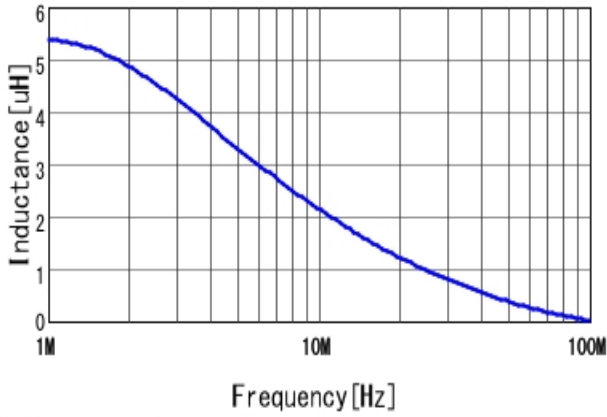
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## Characteristic Data

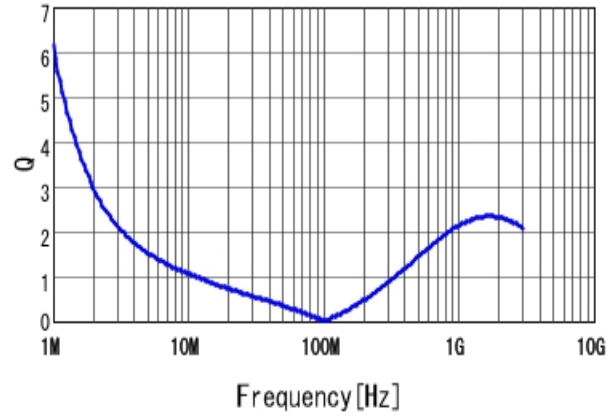
The charts below may show another part number which shares its characteristics.

Frequency Characteristic (L)



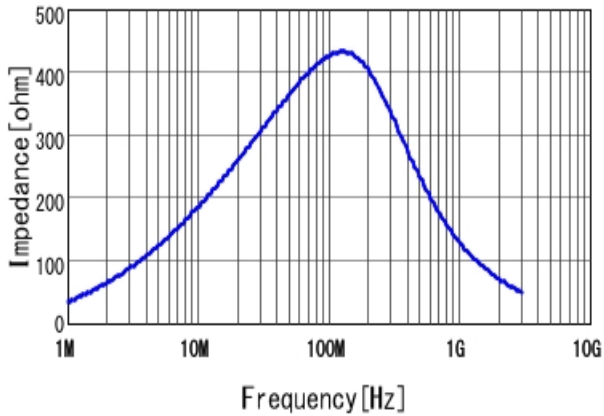
■ LQM21DN4R7N00 L

Frequency Characteristic (Q)



■ LQM21DN4R7N00 Q

Frequency Characteristic (Z)



■ LQM21DN4R7N00 |Z|

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