

# LQM21NN1R0K10#

“#” indicates a package specification code.

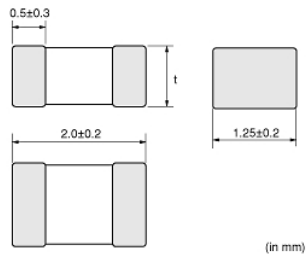
Size Code 2012 (0805) in mm (in inch)



< List of part numbers with package codes >

LQM21NN1R0K10B      LQM21NN1R0K10D      LQM21NN1R0K10J

## Appearance & Shape



Dimension of t	Inductance: 0.1 to 2.2μH	0.65±0.2
	Inductance: 2.7 to 4.7μH	1.25±0.2

## References

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

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.

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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	1μH±10%
Inductance Test Frequency	10MHz
Rated current (Isat) (Based on Inductance change)	50mA
Rated current (Itemp) (Based on Temperature rise)	50mA
Max. of DC resistance	0.4Ω
Class of magnetic shield	Ferrite Core
Q(min.)	45
Q Test Frequency	10MHz
Self resonance frequency (min.)	107MHz
Operating Temperature Range(Self-temperature rise is not included)	-40°C to 85°C
Series	LQM21NN_10

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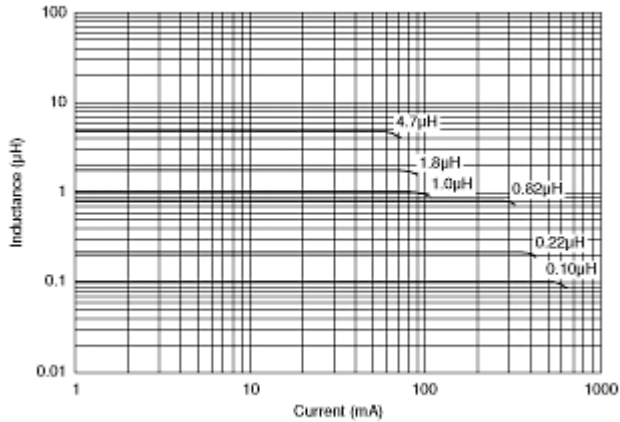
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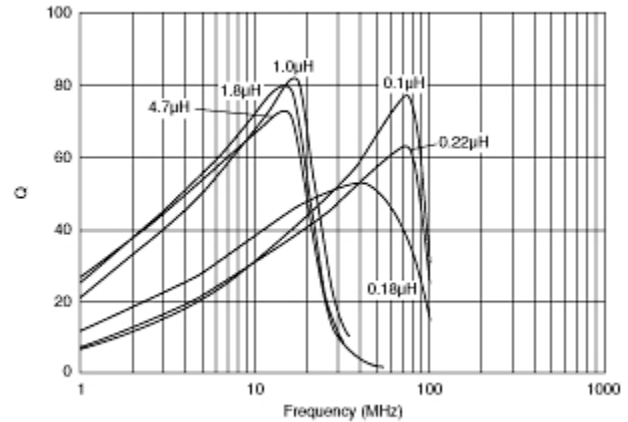
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## Characteristic Data



Impedance - Current Characteristics



Q-Frequency Characteristics

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