

LQM21NN4R7K10#

"#" indicates a package specification code.

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

In Production

General

RoHS

REACH

85
°C max.


Multi-layer

Reflow OK

Flow OK

< List of part numbers with package codes >
LQM21NN4R7K10L LQM21NN4R7K10K LQM21NN4R7K10B

Appearance & Shape



0.5±0.3

2.0±0.2

t

1.25±0.2

(in mm)

Dimension of t	Inductance: 0.1 to 2.2μH	0.85±0.2
	Inductance: 2.7 to 4.7μH	1.25±0.2

References

Packaging	Specifications	Minimum Order Quantity
L	180Embossed Tape	3000
K	330Embossed Tape	10000
B	Bulk(Bag)	1000

Mass (typ.)	
1 piece	0.014g

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	1.25±0.2mm
Size code inch (mm)	0805 (2012)
Inductance	4.7μH±10%
Inductance Test Frequency	10MHz
Rated current (I _{sat}) (Based on Inductance change)	30mA
Rated current (I _{temp}) (Based on Temperature rise)	30mA
Max. of DC resistance	1Ω
Class of magnetic shield	Ferrite Core
Q(min.)	45
Q Test Frequency	10MHz
Self resonance frequency (min.)	47MHz
Operating Temperature Range(Self-temperature rise is not included)	-40°C to 85°C
Series	LQM21NN_10

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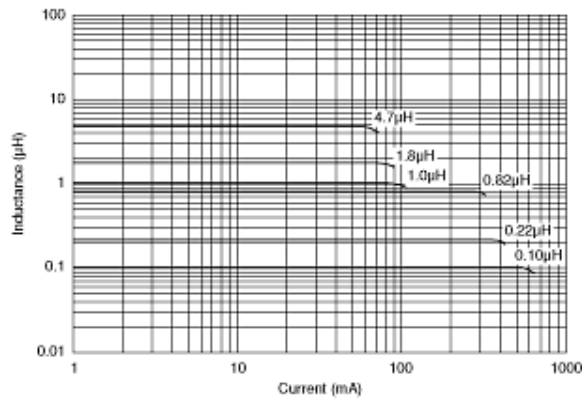
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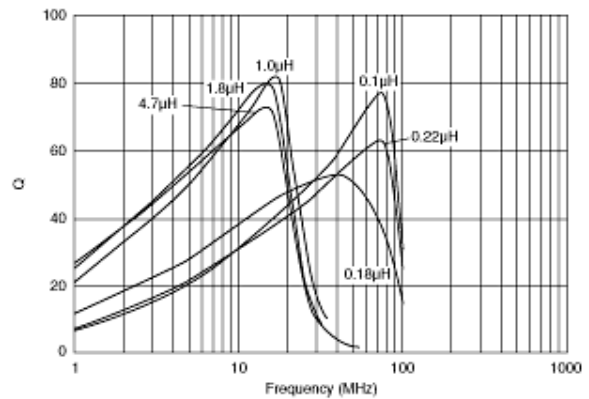
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Product Data



Impedance - Current Characteristics



Q-Frequency Characteristics

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