

LQM21NN3R9K10#

"#" indicates a package specification code.

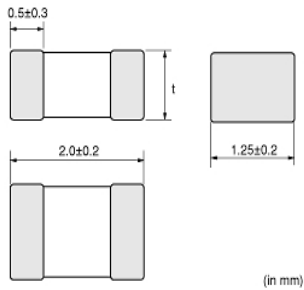
Size Code 2012 (0805) in mm (in inch)



< List of part numbers with package codes >

LQM21NN3R9K10L LQM21NN3R9K10K LQM21NN3R9K10B

Appearance & Shape



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	Standard Packing 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.

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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	3.9μH±10%
Inductance Test Frequency	10MHz
Rated current (Isat) (Based on Inductance change)	30mA
Rated current (Itemp) (Based on Temperature rise)	30mA
Max. of DC resistance	0.89Ω
Class of magnetic shield	Ferrite Core
Q(min.)	45
Q Test Frequency	10MHz
Self resonance frequency (min.)	53MHz
Operating Temperature Range(Self-temperature rise is not included)	-40°C to 85°C
Series	LQM21NN_10

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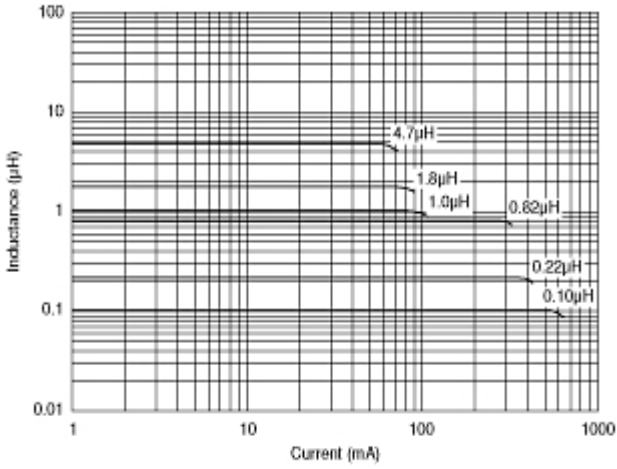
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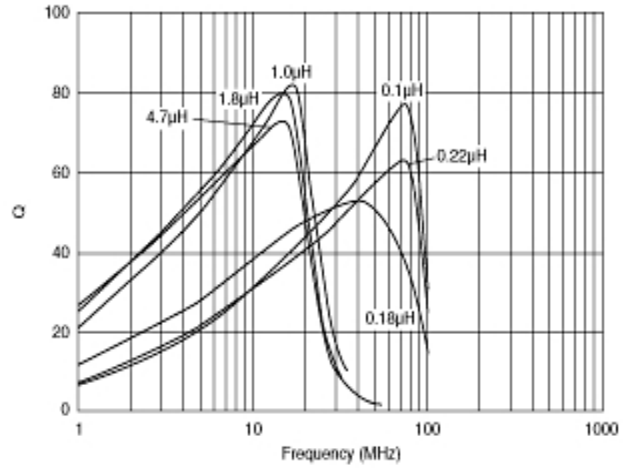
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Characteristic Data



Impedance - Current Characteristics



Q-Frequency Characteristics

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