

LQM21NN1R0K10#

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

● Discontinued

Multilayer type inductor for General Circuits

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

LQM21NN1R0K10D,LQM21NN1R0K10J,LQM21NN1R0K10B

Last Time Order Due	End of Production	Alternative Products
31/03/2025	30/09/2025	> LQM18PN1R0MFR#

Applications

Unsuitable Applications	Please be sure to read and comply with these " Precautions for use ".
Specific Applications	<u>Consumer equipment,Industrial equipment except for transportation & facility & energy equipment,Medical equipment [GHTF A/B/C] except for implant & surgery & auto injector</u> 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

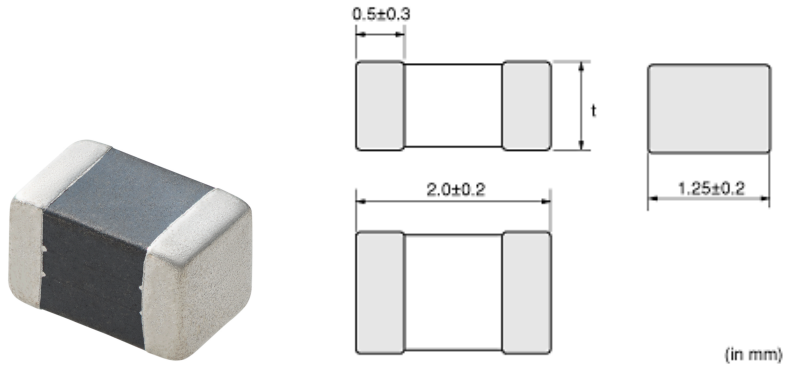
Attention

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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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

Length	2mm ±0.2mm
Width	1.25mm ±0.2mm
Thickness	0.85mm ±0.2mm
Size code in mm(inch)	2012/0805

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Specifications

Inductance	1μH ±10%
Inductance Test Frequency	10MHz
Rated Current (Temperature Rise) / Max.	50mA
Rated Current (L Change) / Max.	50mA
DC Resistance(max.)	0.4Ω
Self-resonant frequency	107MHz
Q(min.)	45
Q test frequency	10MHz
Operating Temperature	-40 ~ 85°C
Type of magnetic shield	Shielded (Ferrite Core)
Series	LQM21NN_10
Brand	Murata
Soldering Support	Reflow soldering,Flow soldering

References

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

Mass(Typ.)	
1 piece	0.01g

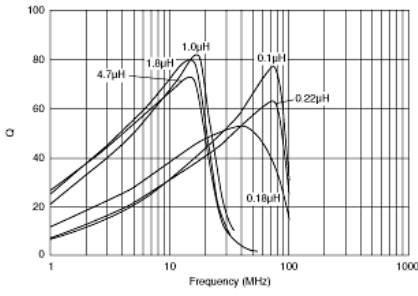
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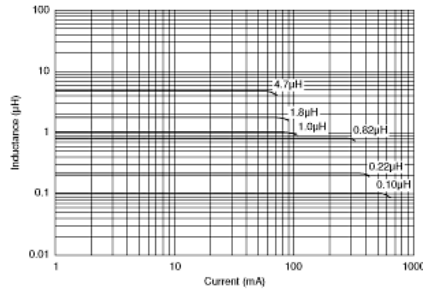
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Product Data



Q-Frequency Characteristics



Impedance - Current Characteristics

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