

LQM21NNR27K10#

"#" indicates a package specification code.

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



< List of part numbers with package codes >

LQM21NNR27K10B LQM21NNR27K10D LQM21NNR27K10J

Applications

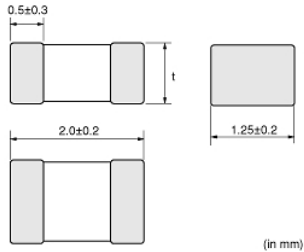
Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Consumer equipment, Medical [Ask Murata] Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product.

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

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

Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its 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	0.27µH±10%
Inductance Test Frequency	25MHz
Rated current (Isat) (Based on Inductance change)	250mA
Rated current (Itemp) (Based on Temperature rise)	250mA
Max. of DC resistance	0.42Ω
Class of magnetic shield	Ferrite Core
Q(min.)	20
Q Test Frequency	25MHz
Self resonance frequency (min.)	200MHz
Operating Temperature Range(Self-temperature rise is not included)	-40°C to 85°C
Brand	Murata
Series	LQM21NN_10

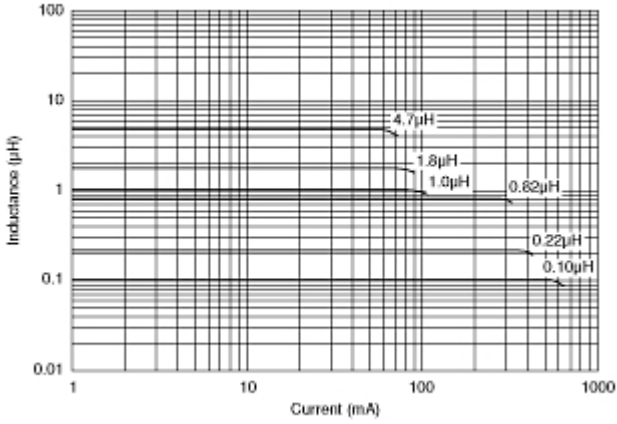
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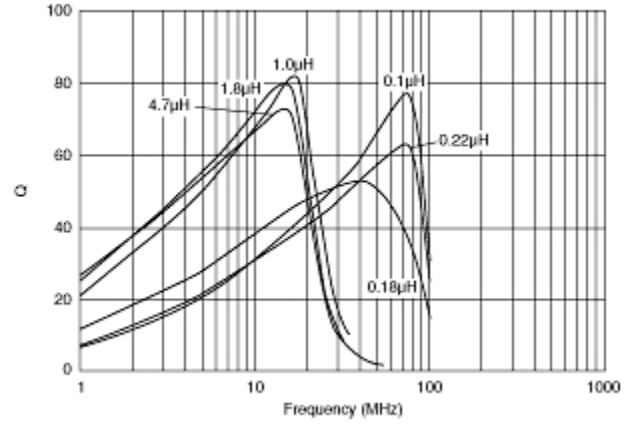
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Characteristic Data



Impedance - Current Characteristics



Q-Frequency Characteristics

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