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http://www.murata.com/en/products/productdetail?partno=LQM21NNR10K10%23

LQM21NNR10K10#

"#"at the end indicates the package specification code.

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

To be discontinued | RoHS | REACH | 85 °C max. | Multi-layer | Reflow OK | Flow OK

< List of part numbers with package codes >

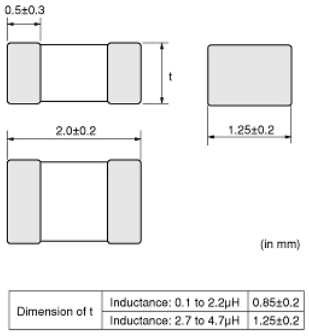
LQM21NNR10K10B LQM21NNR10K10D LQM21NNR10K10J

Applications

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

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
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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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LQM21NNR10K10#

"#"at the end indicates the package specification code.

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

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LQM21NNR10K10#

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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	0.1μH±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	0.26Ω
Operating Temperature Range(Self-temperature rise is not included)	-40℃ to 85℃
Class of magnetic shield	Shielded（Ferrite Core）
Q(min.)	20
Q Test Frequency	25MHz
Self resonance frequency (min.)	340MHz
Brand	Murata
Series	LQM21NN_10

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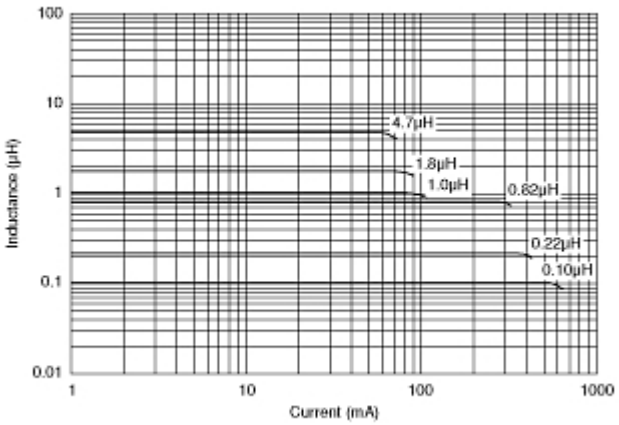
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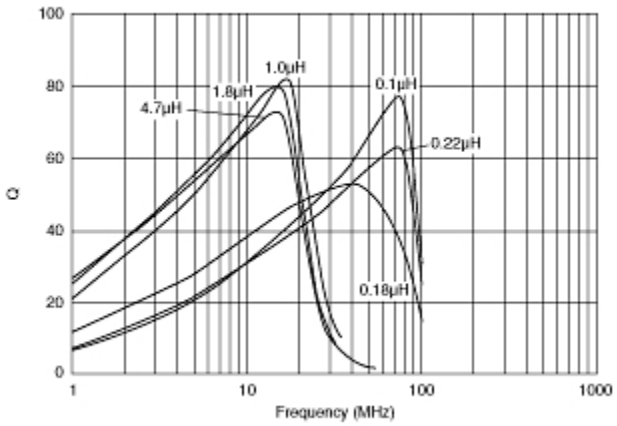
LQM21NNR10K10#

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Characteristic Data



Impedance - Current Characteristics



Q-Frequency Characteristics

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