

LQM21NNR27K10#

"#" indicates a package specification code.

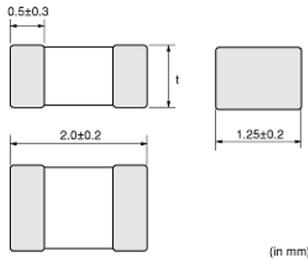
Size Code 2012 (0805) in mm (in inch)



< List of part numbers with package codes >

LQM21NNR27K10J LQM21NNR27K10B LQM21NNR27K10D

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	Minimum Order Quantity
J	330mm Paper Tape	10000
B	Bulk(Bag)	1000
D	180mm Paper Tape	4000

Mass (typ.)	
1 piece	0.01g

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.

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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
Series	LQM21NN_10

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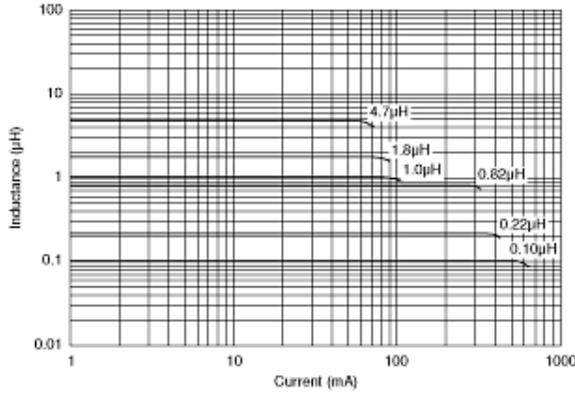
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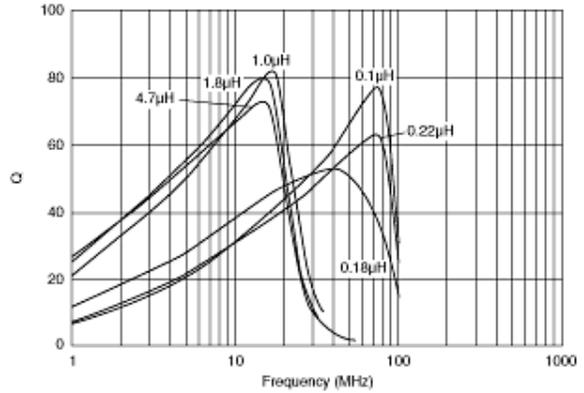
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Product Data



Impedance - Current Characteristics



Q-Frequency Characteristics

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