Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.
Please download the latest datasheet of LQM18NNR68K00# from the official website of Murata

http://www.murata.com/en/products/productdetail?partno=LQM18NNR68K00%23

LQM18NNR68K00#

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

Size Code 1608 (0603) in mm (in inch)

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

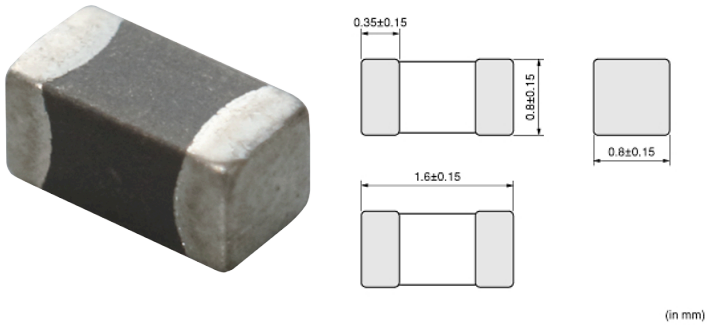
< List of part numbers with package codes >

LQM18NNR68K00B LQM18NNR68K00D LQM18NNR68K00J

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



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.

Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.
Please download the latest datasheet of LQM18NNR68K00# from the official website of Murata

http://www.murata.com/en/products/productdetail?partno=LQM18NNR68K00%23

LQM18NNR68K00#

"#"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	0.005g

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.

Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.
Please download the latest datasheet of LQM18NNR68K00# from the official website of Murata

http://www.murata.com/en/products/productdetail?partno=LQM18NNR68K00%23

LQM18NNR68K00#

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

Specifications

L size	1.6±0.15mm
W size	0.8±0.15mm
T size	0.8±0.15mm
Size code inch (mm)	0603 (1608)
Inductance	680nH±10%
Inductance Test Frequency	25MHz
Rated current (Isat) (Based on Inductance change)	35mA
Rated current (Itemp) (Based on Temperature rise)	35mA
Max. of DC resistance	1.7Ω
Operating Temperature Range(Self-temperature rise is not included)	-40℃ to 85℃
Class of magnetic shield	Shielded（Ferrite Core）
Q(min.)	15
Q Test Frequency	25MHz
Self resonance frequency (min.)	90MHz
Brand	Murata
Series	LQM18NN_00

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.

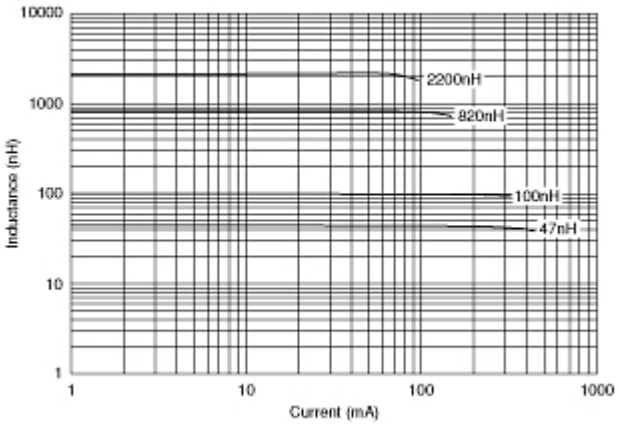
Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.
Please download the latest datasheet of LQM18NNR68K00# from the official website of Murata

http://www.murata.com/en/products/productdetail?partno=LQM18NNR68K00%23

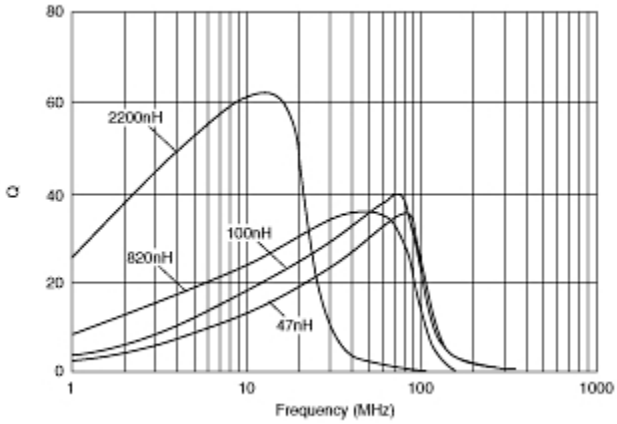
LQM18NNR68K00#

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

Characteristic Data



Impedance - Current Characteristics



Q-Frequency Characteristics

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.