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http://www.murata.com/en-us/products/productdetail?partno=LQM18NNR12K00%23

LQM18NNR12K00#

"#"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

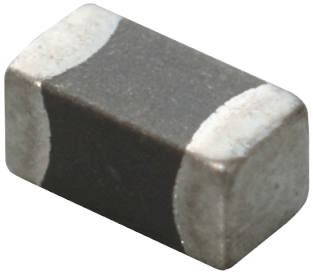
< List of part numbers with package codes >

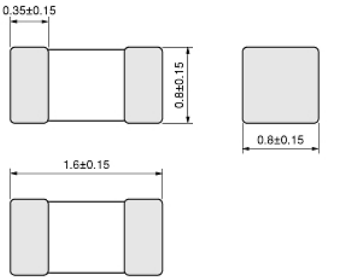
LQM18NNR12K00B LQM18NNR12K00D LQM18NNR12K00J

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





(in mm)

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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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LQM18NNR12K00#

"#"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

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LQM18NNR12K00#

"#"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	120nH±10%
Inductance Test Frequency	25MHz
Rated current (Isat) (Based on Inductance change)	50mA
Rated current (Itemp) (Based on Temperature rise)	50mA
Max. of DC resistance	0.5Ω
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.)	205MHz
Brand	Murata
Series	LQM18NN_00

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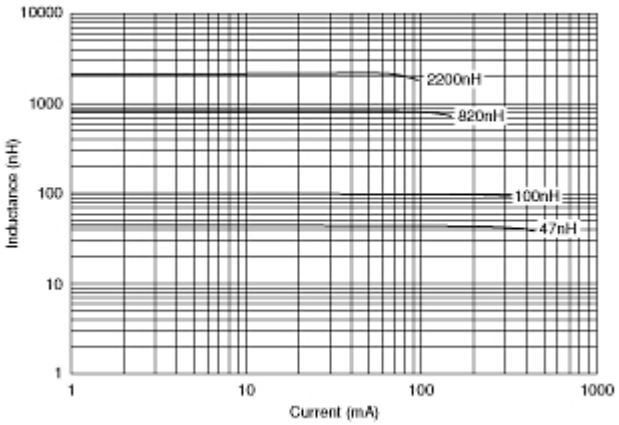
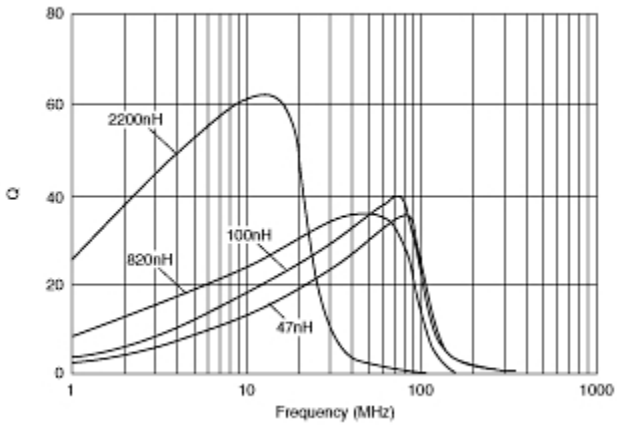
Characteristic Data



Impedance - Current Characteristics



Q-Frequency Characteristics

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