

# LQM18NN82NM00#

"#" indicates a package specification code.

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



< List of part numbers with package codes >

LQM18NN82NM00B      LQM18NN82NM00D      LQM18NN82NM00J

## Applications

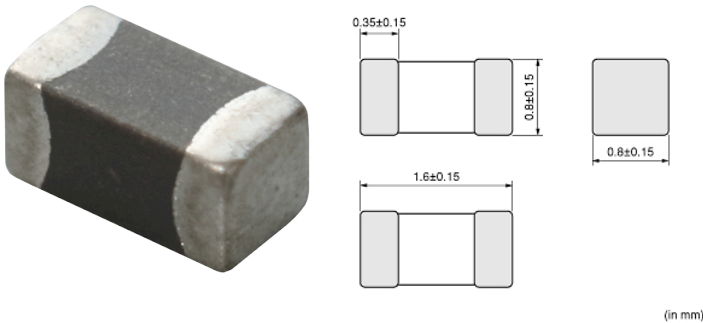
Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Consumer equipment, Medical [Ask Murata] Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for 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	0.005g

## Appearance & Shape



**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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## 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	82nH±20%
Inductance Test Frequency	50MHz
Rated current (Isat) (Based on Inductance change)	50mA
Rated current (Itemp) (Based on Temperature rise)	50mA
Max. of DC resistance	0.3Ω
Class of magnetic shield	Ferrite Core
Q(min.)	10
Q Test Frequency	50MHz
Self resonance frequency (min.)	245MHz
Operating Temperature Range(Self-temperature rise is not included)	-40°C to 85°C
Brand	Murata
Series	LQM18NN_00

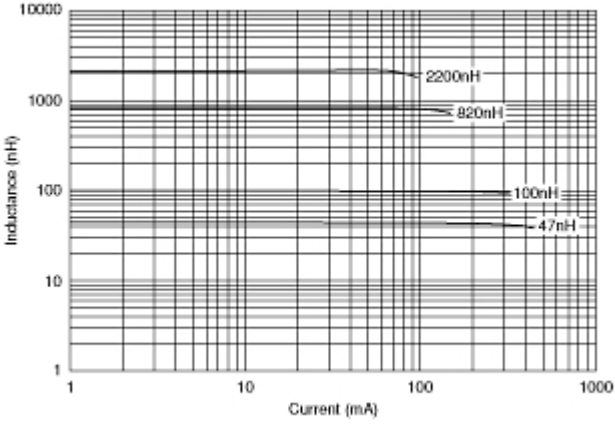
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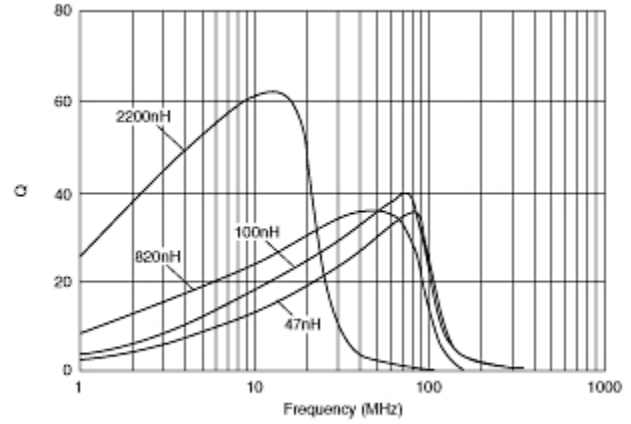
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## Characteristic Data



Impedance - Current Characteristics



Q-Frequency Characteristics

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