

# LQM18NNR27K00#

“#” indicates a package specification code.

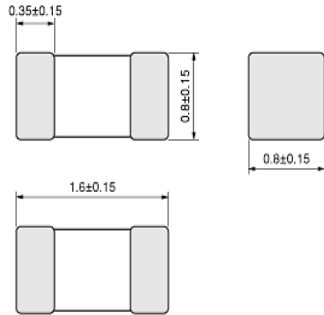
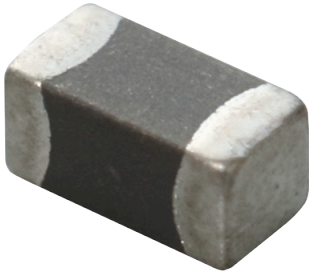
Size Code 1608 (0603) in mm (in inch)



< List of part numbers with package codes >

LQM18NNR27K00J      LQM18NNR27K00B      LQM18NNR27K00D

## Appearance & Shape



(in mm)

## References

Packaging	Specifications	Standard Packing Quantity
J	330mm Paper Tape	10000
B	Bulk(Bag)	1000
D	180mm Paper Tape	4000

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.

# LQM18NNR27K00#

“#” indicates a 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	270nH±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	0.8Ω
Class of magnetic shield	Ferrite Core
Q(min.)	15
Q Test Frequency	25MHz
Self resonance frequency (min.)	136MHz
Operating Temperature Range(Self-temperature rise is not included)	-40°C to 85°C
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.

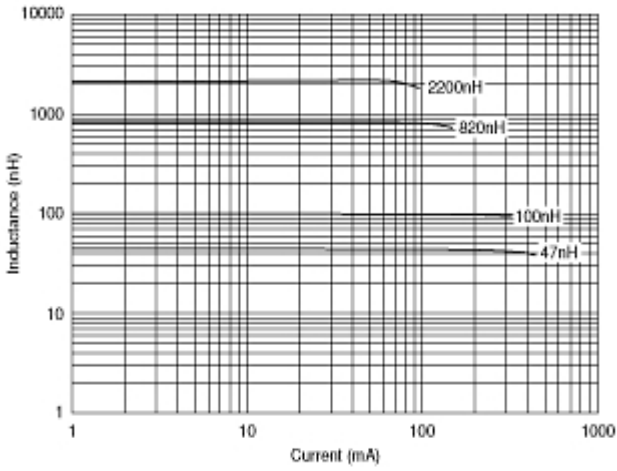
2.This datasheet has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

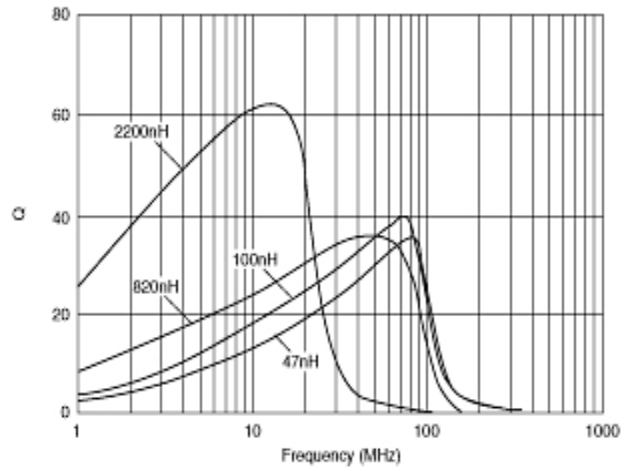
# LQM18NNR27K00#

“#” indicates a 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.