

LQM18NN1R8K00#

"#" indicates a package specification code.

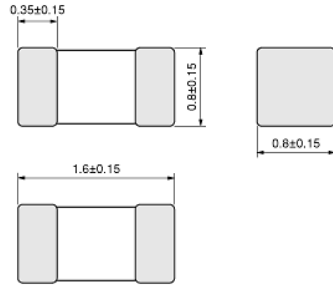
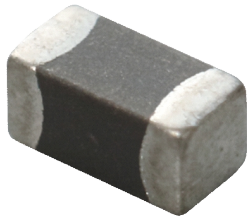
Size Code 1608 (0603) in mm (in inch)



< List of part numbers with package codes >

LQM18NN1R8K00J LQM18NN1R8K00B LQM18NN1R8K00D

Appearance & Shape



(in mm)

References

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

Mass (typ.)	
1 piece	0.005g

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.

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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	1800nH±10%
Inductance Test Frequency	10MHz
Rated current (I _{sat}) (Based on Inductance change)	25mA
Rated current (I _{temp}) (Based on Temperature rise)	25mA
Max. of DC resistance	0.95Ω
Class of magnetic shield	Ferrite Core
Q(min.)	35
Q Test Frequency	10MHz
Self resonance frequency (min.)	55MHz
Operating Temperature Range(Self-temperature rise is not included)	-40°C to 85°C
Series	LQM18NN_00

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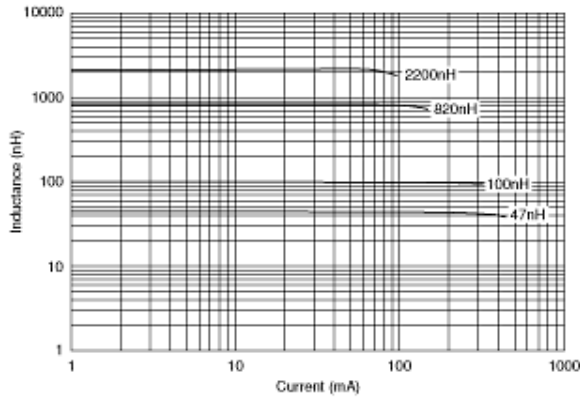
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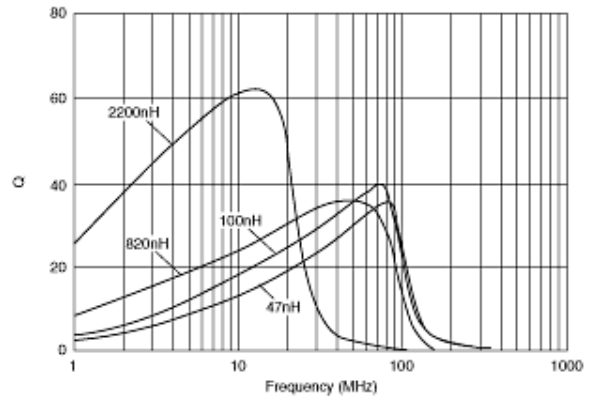
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Product Data



Impedance - Current Characteristics



Q-Frequency Characteristics

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