

LQM21FN470N00#

“#” indicates a package specification code.

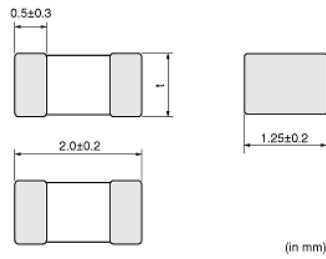
Bias Current Characteristics Improved



< List of part numbers with package codes >

LQM21FN470N00L LQM21FN470N00K LQM21FN470N00B

Appearance & Shape



Dimension of t	Inductance: 1.0 to 2.2μH	0.85±0.2
	Inductance: 4.7 to 47μH	1.25±0.2

References

Packaging	Specifications	Minimum Order Quantity
L	180Embossed Tape	3000
K	330Embossed Tape	10000
B	Bulk(Bag)	1000

Mass (typ.)	
1 piece	0.016g

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.

LQM21FN470N00#

“#” indicates a package specification code.

Specifications

L size	2.0±0.2mm
W size	1.25±0.2mm
T size	1.25±0.2mm
Size code inch (mm)	0805 (2012)
Inductance	47μH±30%
Inductance Test Frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	7mA
Max. of DC resistance	0.78Ω
Class of magnetic shield	Ferrite Core
Self resonance frequency (min.)	7.5MHz
Operating Temperature Range(Self-temperature rise is not included)	-40°C to 85°C
DC Resistance Intermediate Values	0.60Ω±30%
Series	LQM21FN_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.

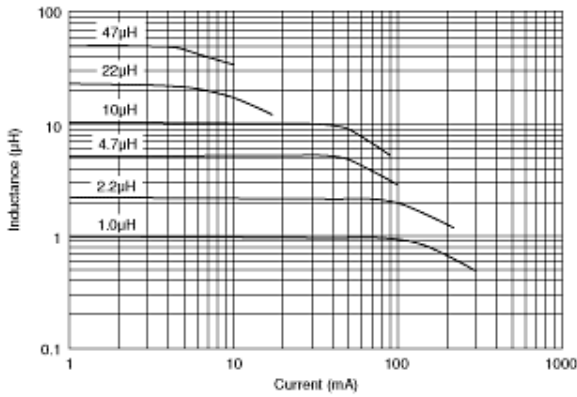
2.This datasheet has only typical specifications because there is no space for detailed specifications.

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

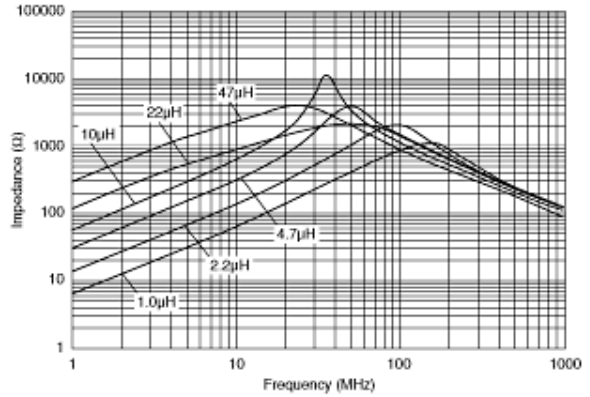
LQM21FN470N00#

“#” indicates a package specification code.

Product Data



Impedance - Current Characteristics



Impedance - 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.