

LQM21FN4R7N00#

"#" indicates a package specification code.

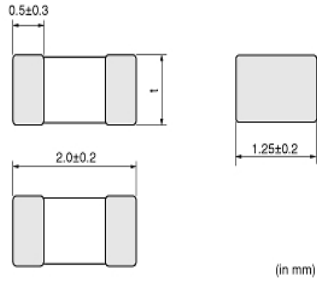
Bias Current Characteristics Improved



< List of part numbers with package codes >

LQM21FN4R7N00L LQM21FN4R7N00K LQM21FN4R7N00B

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	Standard Packing 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.

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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	4.7μH±30%
Inductance Test Frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	80mA
Max. of DC resistance	0.39Ω
Class of magnetic shield	Ferrite Core
Self resonance frequency (min.)	25MHz
Operating Temperature Range(Self-temperature rise is not included)	-40°C to 85°C
DC Resistance Intermediate Values	0.30Ω±30%
Series	LQM21FN_00

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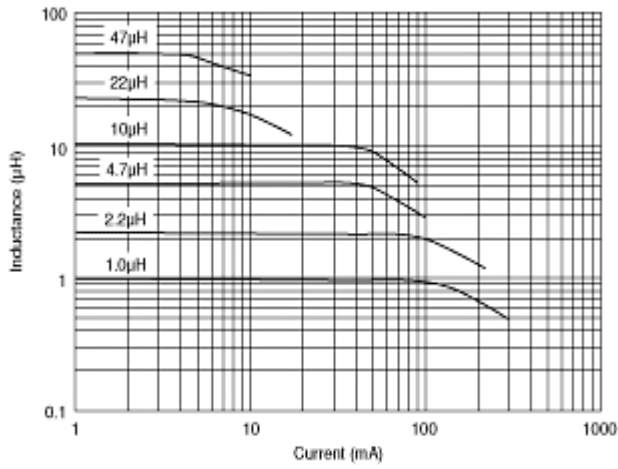
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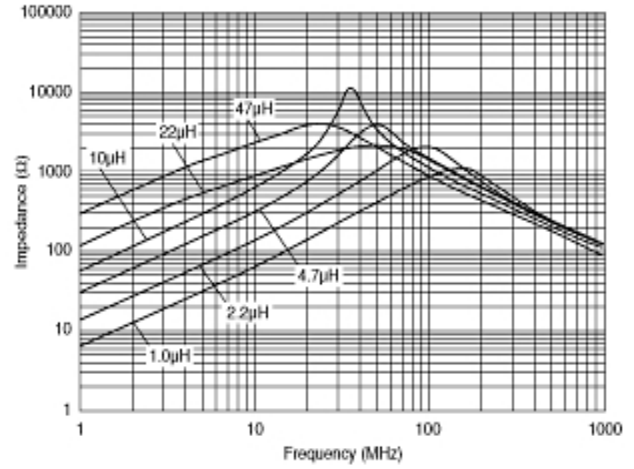
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Characteristic Data



Impedance - Current Characteristics



Impedance - Frequency Characteristics

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