

Note: This datasheet may be out of date.

Please download the latest datasheet of LQM21FN470N00# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=LQM21FN470N00%23

"#"at the end indicates the package specification code.

Bias Current Characteristics Improved















< List of part numbers with package codes >

LQM21FN470N00B

LQM21FN470N00K

LQM21FN470N00L



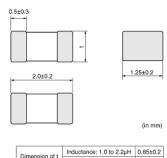
Applications

Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
	Consumer equipment,Medical	
	equipment [GHTF A/B/C] except for	
	implant & surgery & auto injector,	
	Industrial equipment except for	
	transportation & facility & energy	
	equipment	
Specific	Please refer to Our Website and	
Applications	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.	
Recommended	Consumer equipment	
Applications		



Appearance & Shape





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

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





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References

Packaging	Specifications	Standard Packing Quantity
В	Bulk(Bag)	1000
K	330Embossed Tape	10000
L	180Embossed Tape	3000

Mass (typ.)		
1 piece	0.016g	

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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	47μH±30%
Inductance Test Frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	7mA
Max. of DC resistance	0.78Ω
DC resistance	0.60Ω±30%
Operating Temperature Range(Self-temperature rise is not included)	-40°C to 85°C
Class of magnetic shield	Shielded (Ferrite Core)
Self resonance frequency (min.)	7.5MHz
Brand	Murata
Series	LQM21FN_00

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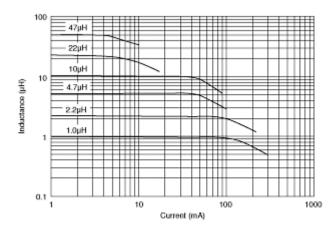
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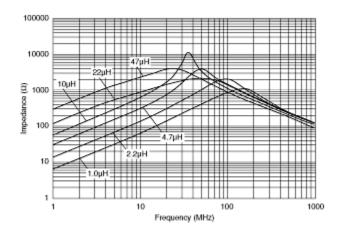
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Characteristic Data





Impedance - Current Characteristics

Impedance - Frequency Characteristics

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