

# LQM21PN2R2MGS#

“#” at the end indicates the package specification code.

Size Code 2012 (0805) in mm (in inch), 1.0mm max. Thickness

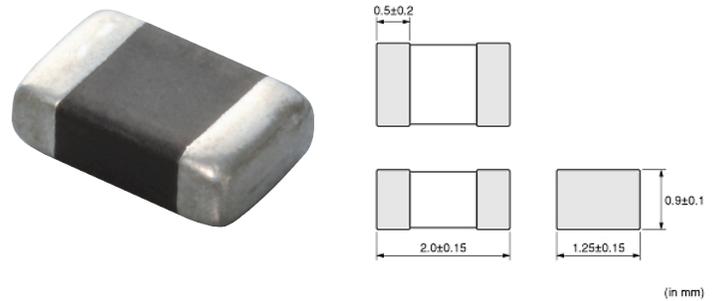


< List of part numbers with package codes >  
LQM21PN2R2MGSB      LQM21PN2R2MGSD

## Applications

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

## Appearance & Shape



## References

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

Mass (typ.)	
1 piece	0.012g

**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.

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## Specifications

L size	2.0±0.15mm
W size	1.25±0.15mm
T size	0.9±0.1mm
Size code inch (mm)	0805 (2012)
Inductance	2.2μH±20%
Inductance Test Frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	950mA
Max. of DC resistance	0.225Ω
DC resistance	0.180Ω±25%
Class of magnetic shield	Shielded (Ferrite Core)
Self resonance frequency (min.)	40MHz
Brand	Murata
Operating Temperature Range	-40°C to 85°C
Series	LQM21PN_GS

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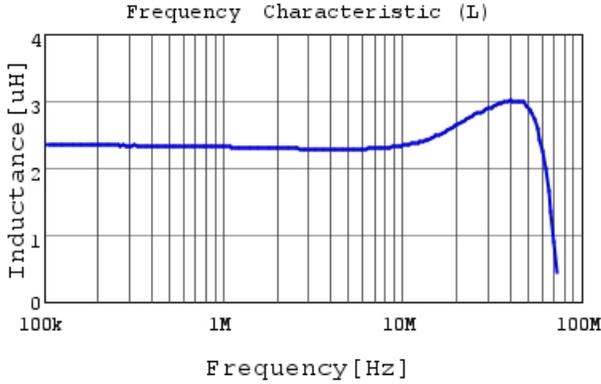
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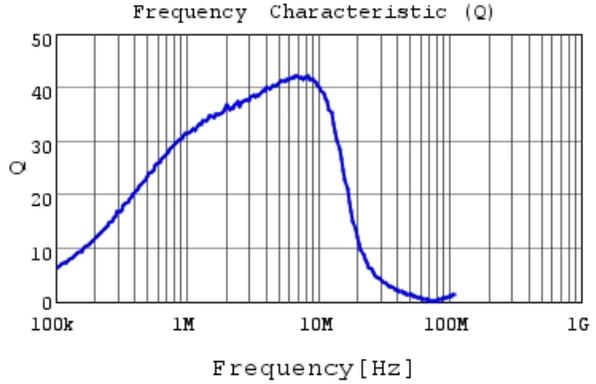


## Characteristic Data

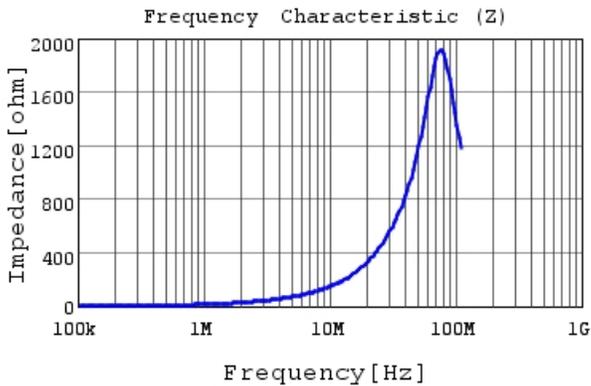
The charts below may show another part number which shares its characteristics.



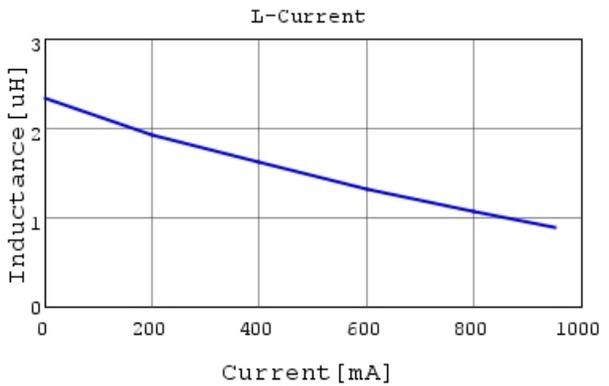
LQM21PN2R2MGS L



LQM21PN2R2MGS Q



LQM21PN2R2MGS |Z|



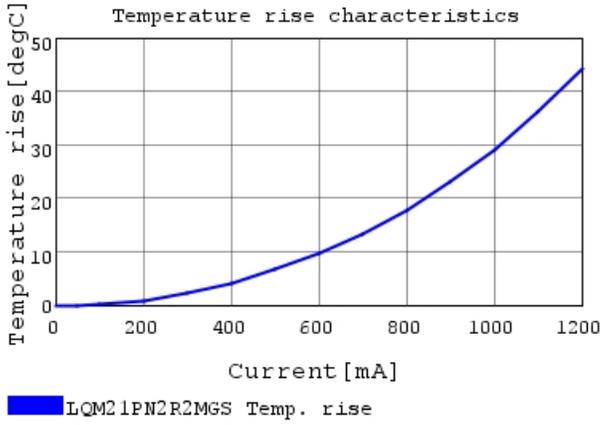
LQM21PN2R2MGS L-Current 20degC

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