

Note: This datasheet may be out of date.

Please download the latest datasheet of LQM21PN2R2MGS# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=LQM21PN2R2MGS%23

"#"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

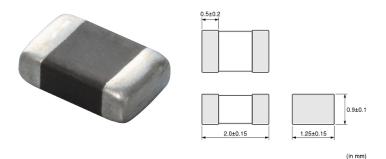


### **Applications**

Unsuitable	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	Company of a service manager	
Applications	Consumer equipment	



### Appearance & Shape





### References

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

Mass (typ.)	
1 piece	0.012g

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





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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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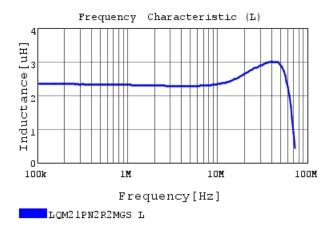
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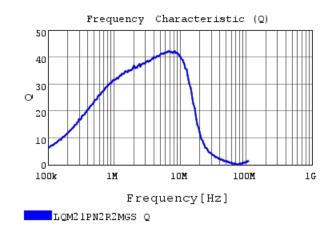
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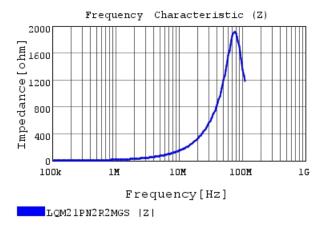


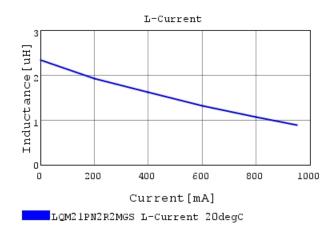
#### Characteristic Data

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









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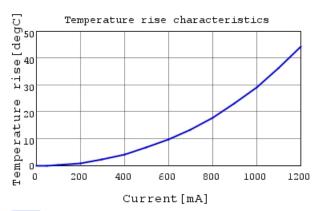


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LQM21PN2R2MGS Temp. rise

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