

## LQM18JNR10J00#

Note: This datasheet may be out of date.

Please download the latest datasheet of LQM18JNR10J00# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=LQM18JNR10J00%23

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

For NFC circuit, low leakage flux, small change of electrical characteristics on large current amplitude.

















# < List of part numbers with package codes > LQM18JNR10J00B LQM18JNR10J00D



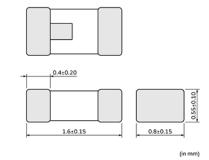
### **Applications**

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





### References

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

Mass (typ.)		
1 piece	(	0.004g

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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	1.6±0.15mm
W size	0.8±0.15mm
T size	0.55±0.10mm
Size code inch (mm)	0603 (1608)
Inductance	100nH±5%
Inductance Test Frequency	25MHz
Rated current (Itemp) (Based on Temperature rise)	650mA
Max. of DC resistance	0.5125Ω
DC resistance	0.41Ω±25%
Class of magnetic shield	Shielded (Ferrite Core)
Q(min.)	8
Q Test Frequency	25MHz
Self resonance frequency (min.)	200MHz
Brand	Murata
Operating Temperature Range	-40°C to 85°C
Series	LQM18JN_00

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### NNOVATOR IN ELECTRONICS

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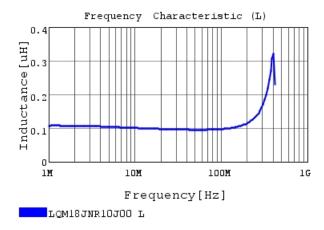
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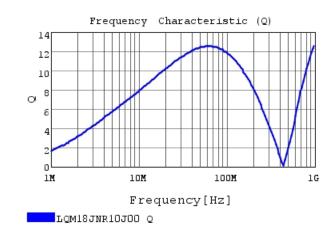


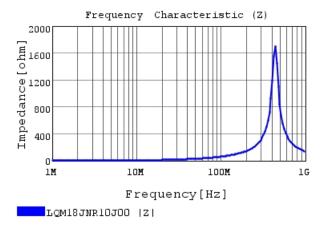
#### Characteristic Data

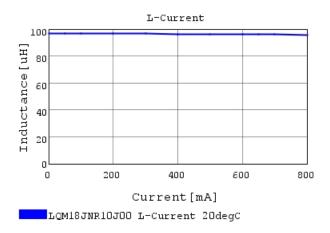
LQM18JNR10J00#

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









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