

# 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Note: This datasheet may be out of date.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-sg/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



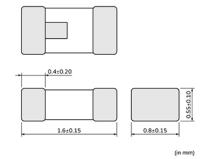
### **Applications**

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	Canaumar aguinment	
Applications	Consumer equipment	



### Appearance & Shape





### References

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

Mass (typ.)	
1 piece	0.004g

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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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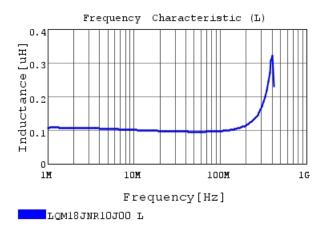
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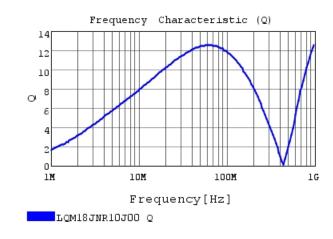
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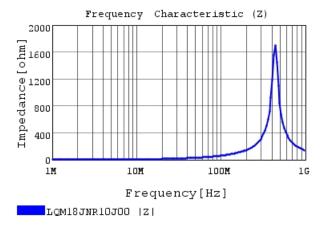


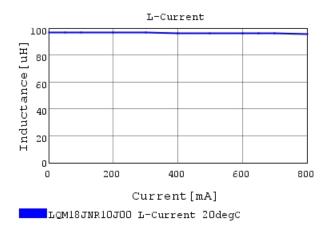
#### Characteristic Data

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









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