

Note: This datasheet may be out of date.

Please download the latest datasheet of LQM18DN6R8M70# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=LQM18DN6R8M70%23

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

#### Bias Current Characteristics Improved

















# < List of part numbers with package codes > LQM18DN6R8M70B LQM18DN6R8M70L

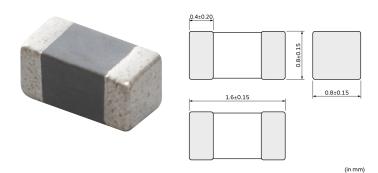


### **Applications**

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	Canalimar aguinment	
Applications	Consumer equipment	



### Appearance & Shape





### References

Packaging	Specifications	Standard Packing
rackagilig		Quantity
В	Bulk(Bag)	1000
L	180Embossed Tape	4000

Mass (typ.)	
1 piece	0.005g

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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	1.6±0.15mm
W size	0.8±0.15mm
T size	0.8±0.15mm
Size code inch (mm)	0603 (1608)
Inductance	6.8µH±20%
Inductance Test Frequency	1MHz
Rated current (Isat) (Based on Inductance change)	120mA
Rated current (Itemp) (Based on Temperature rise)	330mA
Max. of DC resistance	0.96Ω
DC resistance	0.74±0.22Ω
Class of magnetic shield	Shielded (Ferrite Core)
Self resonance frequency (min.)	40MHz
Brand	Murata
Operating Temperature Range	-55°C to 125°C
Series	LQM18DN_70

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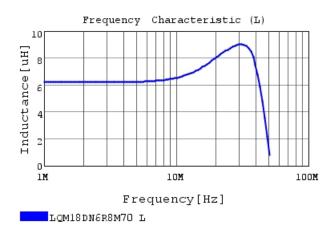
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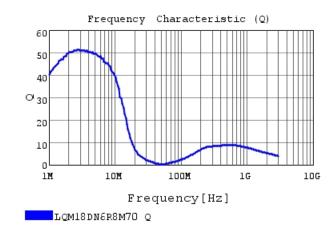
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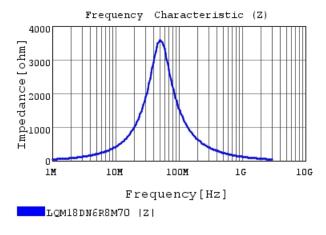


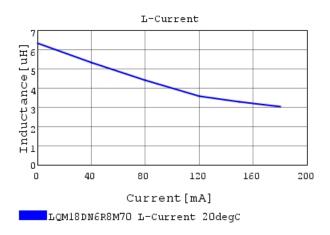
### Characteristic Data

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









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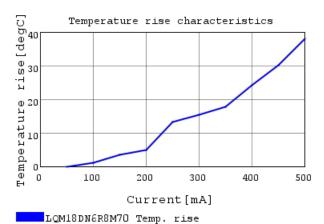


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