

Note: This datasheet may be out of date.

Please download the latest datasheet of LQM21DN330M70# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=LQM21DN330M70%23

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

Low DC Resistance Type

















< List of part numbers with package codes > LQM21DN330M70B LQM21DN330M70L

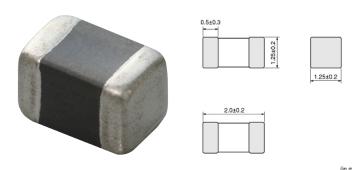


Applications

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 surface of the surface
Applications	Consumer equipment



Appearance & Shape





Notices

Please consider 'Notice (Rating).' When rated current is applied to the products, inductance will be within ±50% of initial inductance value range. When rated current is applied to the products, the temperature rise caused by self-generated heat shall be limited to 40°C max.

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





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References

	Specifications	Standard
Packaging		Packing
		Quantity
В	Bulk(Bag)	1000
L	180Embossed Tape	3000

Mass (typ.)	
1 piece	0.016g

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Specifications

L size	2.0±0.2mm
W size	1.25±0.2mm
T size	1.25±0.2mm
Size code inch (mm)	0805 (2012)
Inductance	33µH±20%
Inductance Test Frequency	1MHz
Rated current (Isat) (Based on Inductance change)	80mA
Rated current (Itemp) (Based on Temperature rise)	200mA
Max. of DC resistance	2.99Ω
Class of magnetic shield	Shielded (Ferrite Core)
Self resonance frequency (min.)	16MHz
Brand	Murata
Operating Temperature Range	-55°C to 125°C
Series	LQM21DN_70

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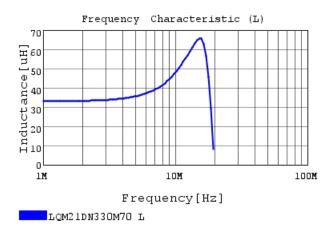
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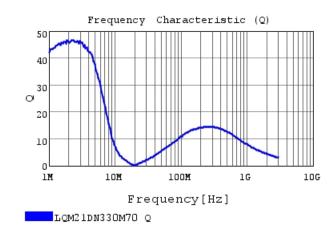
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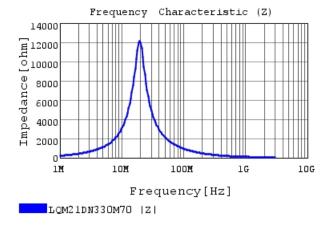


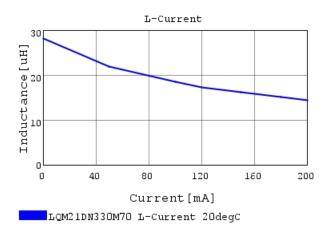
Characteristic Data

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









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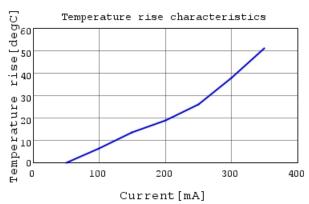


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LQM21DN330M70 Temp. rise

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