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Please download the latest datasheet of LQH2MCN8R2M02# from the official website of Murata

http://www.murata.com/en-sg/products/productdetail?partno=LQH2MCN8R2M02%23

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

LQH2MCN8R2M02#

Size Code 2016 (0806) in mm (in inch), 0.95mm max. Thickness



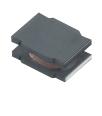
< List of part numbers with package codes > LQH2MCN8R2M02B LQH2MCN8R2M02L

## 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	Concurrer equipment	
Applications	Consumer equipment	











(in mm)





**Notices** 

When rated current is applied to the products, inductance will be within ±10% of initial inductance value. When rated current is applied to the products, the temperature rise caused by selfgenerated 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

		Standard
Packaging	Specifications	Packing
		Quantity
В	Bulk(Bag)	100
L	180Embossed Tape	3000

Mass (typ.)	
1 piece	0.01g

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### Specifications

L size	2.0±0.2mm
W size	1.6±0.2mm
T size	0.9±0.05mm
Size code inch (mm)	0806 (2016)
Inductance	8.2µH±20%
Inductance Test Frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	235mA
Max. of DC resistance	1.43Ω
DC resistance	1.1Ω±30%
Operating Temperature Range(Self-temperature rise is not included)	-40℃ to 85℃
Class of magnetic shield	Non-Shielded
Self resonance frequency (min.)	50MHz
Brand	Murata
Series	LQH2MCN_02

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Product Search Data Sheet

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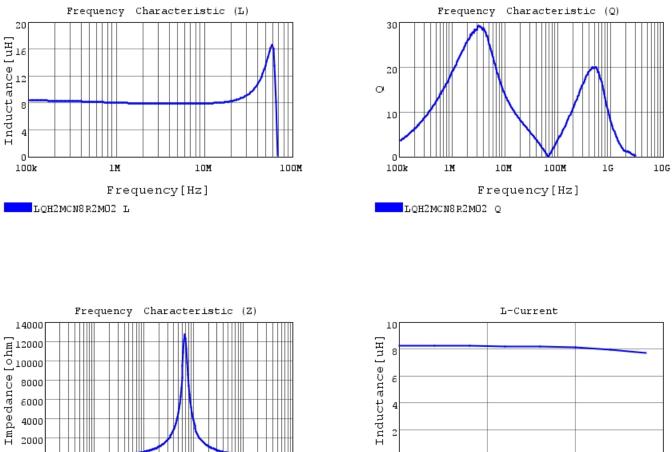
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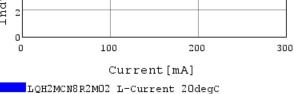
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### Characteristic Data

LQH2MCN8R2M02#

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





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10G

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100M

1G

10M

Frequency[Hz]

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n

100k

1M

LQH2MCN8R2MO2 |Z|

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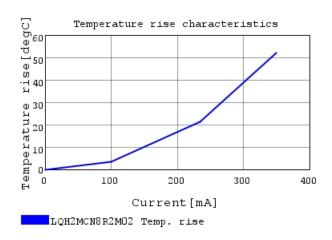
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# LQH2MCN8R2M02#

INNOVATOR IN ELECTRONICS

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