

Note: This datasheet may be out of date

Please download the latest datasheet of LQH2MCN120M52# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=LQH2MCN120M52%23

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

Size Code 2016 (0806) in mm (in inch), 0.7mm max. Thickness













< List of part numbers with package codes > LQH2MCN120M52B LQH2MCN120M52L



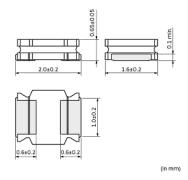
Applications

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	0	
Applications	Consumer equipment	



Appearance & Shape







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 self-generated heat shall be limited to 40°C max.

1 of 4

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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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References

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

N	Mass (typ.)	
	1 piece	0.009g

2 of 4

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Specifications

L size	2.0±0.2mm
W size	1.6±0.2mm
T size	0.65±0.05mm
Size code inch (mm)	0806 (2016)
Inductance	12μH±20%
Inductance Test Frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	170mA
Max. of DC resistance	3.12Ω
DC resistance	2.4Ω±30%
Operating Temperature Range(Self-temperature rise is not included)	-40°C to 85°C
Class of magnetic shield	Non-Shielded
Self resonance frequency (min.)	30MHz
Brand	Murata
Series	LQH2MCN_52

3 of 4

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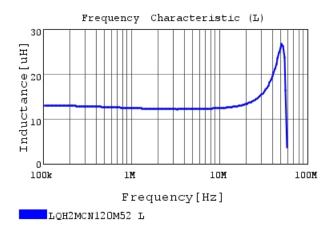
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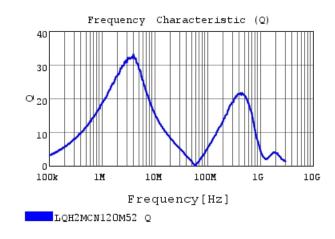
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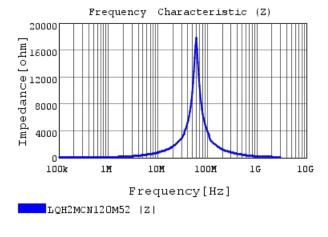


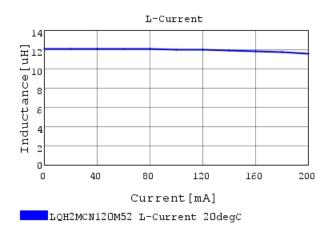
Characteristic Data

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









4 of 4

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