

Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

Please download the latest datasheet of LQH43MN271J03# from the official website of Murata

http://www.murata.com/en-sg/products/productdetail?partno=LQH43MN271J03%23

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

Size Code 4532 (1812) in mm (in inch)

LQH43MN271J03L



< List of part numbers with package codes > LQH43MN271J03K LQH43MN271J03L

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	Consumer equipment	
Applications	Consumer equipment	



Appearance & Shape



3.6±0.2	
	2.6±0.2
4.5±0.3	_,

-	3.2±0.2	-1
)		(
	3.2±0.2	

(in mm)



3.2±0.2



Notices

When rated current is applied to the products, selftemperature rise shall be limited to 20° C max and inductance will be within $\pm 10\%$ of initial inductance value.

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Attention

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without advance notice. Please check with our sales representatives or product engineers before ordering.

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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		Standard
Packaging	Specifications	Packing
		Quantity
К	330Embossed Tape 2500	
L 180Embossed Tape		500

Mass (typ.)	
1 piece	0.13g

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Specifications

L size	4.5±0.3mm
W size	3.2±0.2mm
T size	2.6±0.2mm
Size code inch (mm)	1812 (4532)
Inductance	270µH±5%
Inductance Test Frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	100mA
Max. of DC resistance	6.8Ω
Operating Temperature Range(Self-temperature rise is not included)	-40℃ to 85℃
Class of magnetic shield	Non-Shielded
Q(min.)	40
Q Test Frequency	796kHz
Self resonance frequency (min.)	4MHz
Brand	Murata
Series	LQH43MN_03

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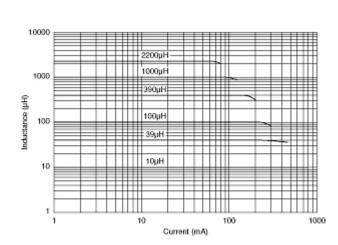
Characteristic Data

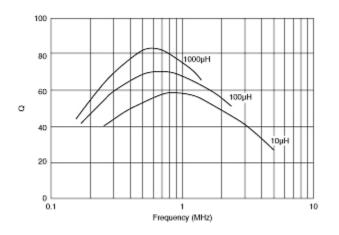
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Impedance - Current Characteristics

Q-Frequency Characteristics

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