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Please download the latest datasheet of LQH43MN101K03# from the official website of Murata

http://www.murata.com/en/products/productdetail?partno=LQH43MN101K03%23

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

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

LQH43MN101K03#



< List of part numbers with package codes > LQH43MN101K03K LQH43MN101K03L

# 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	Concurrence
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	

# 1.0min.

)		(
ſ		
	3.2±0.2	

(in mm)





### **Notices**

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

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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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# References

Packaging	Specifications	Standard Packing
К	330Embossed Tape	Quantity 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	100µH±10%
Inductance Test Frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	160mA
Max. of DC resistance	2.5Ω
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.)	6.8MHz
Brand	Murata
Series	LQH43MN_03

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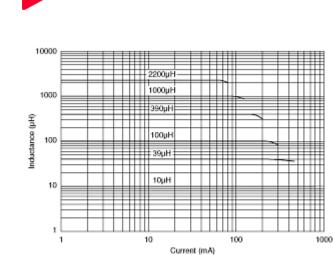
**Characteristic Data** 

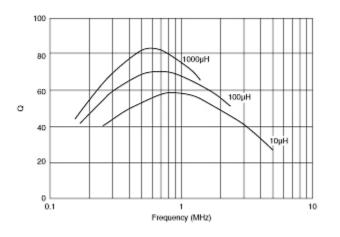
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Impedance - Current Characteristics

#### **Q-Frequency Characteristics**

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