

Note: This datasheet may be out of date.

Please download the latest datasheet of LQH43MN100J03# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=LQH43MN100J03%23

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

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













< List of part numbers with package codes > LQH43MN100J03K LQH43MN100J03L



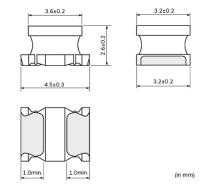
Applications

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 Applications	Consumer equipment



Appearance & Shape







Notices

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

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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
K	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	10μH±5%
Inductance Test Frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	400mA
Max. of DC resistance	0.56Ω
Operating Temperature Range(Self-temperature rise is not included)	-40°C to 85°C
Class of magnetic shield	Non-Shielded
Q(min.)	35
Q Test Frequency	1MHz
Self resonance frequency (min.)	23MHz
Brand	Murata
Series	LQH43MN_03

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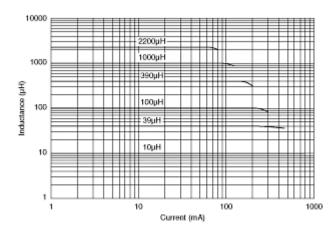
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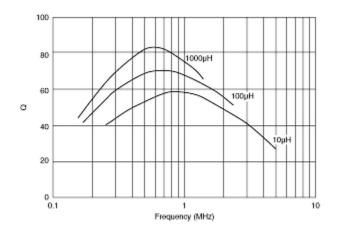
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Characteristic Data





Impedance - Current Characteristics

Q-Frequency Characteristics

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