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Please download the latest datasheet of LQH43MN102K03# from the official website of Murata

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

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



LQH43MN102K03K









< List of part numbers with package codes > LQH43MN102K03L



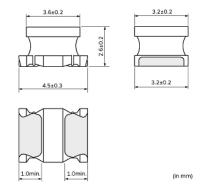
### **Applications**

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	Canalimar aguinment	
Applications	Consumer equipment	



## Appearance & Shape







### **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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2. This datasheet has only typical specifications because there is no space for detailed specifications.





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http://www.murata.com/en-sg/products/productdetail?partno=LQH43MN102K03%2

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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	1000μH±10%
Inductance Test Frequency	1kHz
Rated current (Itemp) (Based on Temperature rise)	50mA
Max. of DC resistance	25Ω
Operating Temperature Range(Self-temperature rise is not included)	-40°C to 85°C
Class of magnetic shield	Non-Shielded
Q(min.)	40
Q Test Frequency	252kHz
Self resonance frequency (min.)	2MHz
Brand	Murata
Series	LQH43MN_03

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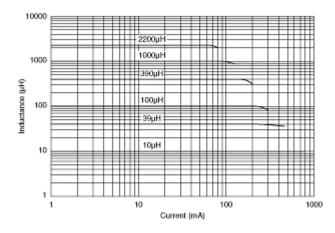
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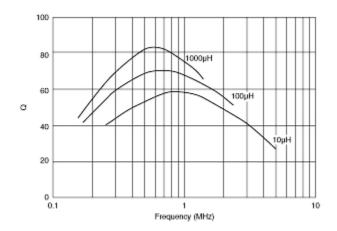
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### Characteristic Data





Impedance - Current Characteristics

Q-Frequency Characteristics

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