

Note: This datasheet may be out of date.

Please download the latest datasheet of LQH43NN222K03# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=LQH43NN222K03%23

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

It can be used in 105 °C environment.













# < List of part numbers with package codes > LQH43NN222K03K LQH43NN222K03L

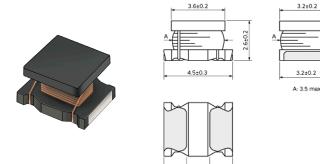


### **Applications**

	Let 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
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		



### 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 ±10% of initial inductance value.

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### Attentior

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 $2. This \ data{sheet has only typical specifications because there is no \ space for \ detailed \ specifications.}$ 

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(in mm)



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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	2200µH±10%
Inductance Test Frequency	1kHz
Rated current (Itemp) (Based on Temperature rise)	30mA
Max. of DC resistance	50Ω
Class of magnetic shield	Non-Shielded
Q(min.)	40
Q Test Frequency	252kHz
Self resonance frequency (min.)	1.3MHz
Brand	Murata
Operating Temperature Range	-40°C to 105°C
Series	LQH43NN_03

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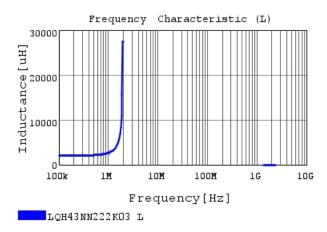
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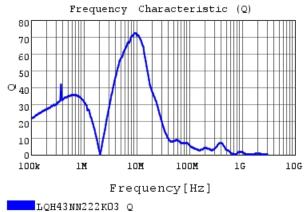
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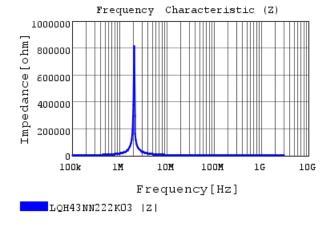


### Characteristic Data

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







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