

Note: This datasheet may be out of date.

Please download the latest datasheet of LQH32NH1R5J23# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=LQH32NH1R5J23%23

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

It can be used in 125 °C environment.















< List of part numbers with package codes > LQH32NH1R5J23K LQH32NH1R5J23L



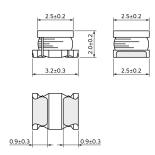
### **Applications**

	Let 1 1 1 1 10	
Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
Specific Applications	Consumer equipment, Automotive	
	infotainment/comfort equipment,	
	Automotive powertrain/safety equipment,	
	Medical equipment [GHTF A/B/C]	
	except for implant & surgery & auto	
	injector,Industrial Equipment	
	Please refer to Our Website and	
	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	Automotive powertrain/safety equipment	
Applications		



## Appearance & Shape





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## **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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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	7500
L	180Embossed Tape	2000

Mass (typ.)	
1 piece	0.06g

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## **Specifications**

L size	3.2±0.3mm
W size	2.5±0.2mm
T size	2.0±0.2mm
Size code inch (mm)	1210 (3225)
Inductance	1.5µH±5%
Inductance Test Frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	675mA
Max. of DC resistance	0.096Ω
DC resistance	0.08Ω±20%
Class of magnetic shield	Non-Shielded
Q(min.)	25
Q Test Frequency	1MHz
Self resonance frequency (min.)	85MHz
Brand	Murata
Operating Temperature Range	-40°C to 125°C
Series	LQH32NH_23

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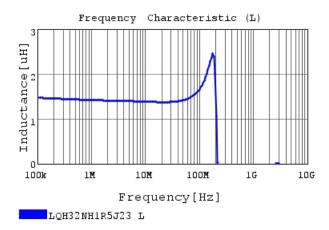
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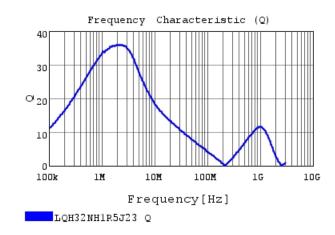
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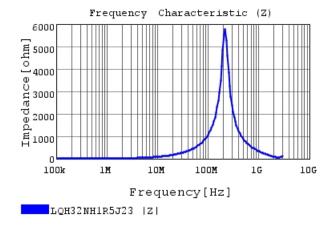


### Characteristic Data

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







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