

Note: This datasheet may be out of date.

Please download the latest datasheet of LQH32PN220MN0# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=LQH32PN220MN0%23

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

Size Code 3225 (1210) in mm (in inch), 1.7mm max. Thickness













< List of part numbers with package codes >

LQH32PN220MN0B

LQH32PN220MN0K

LQH32PN220MN0L

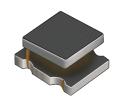


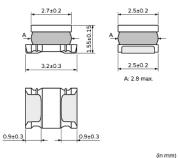
## **Applications**

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	Company of a service manager	
Applications	Consumer equipment	



## Appearance & Shape







## **Notices**

When rated current is applied to the products, inductance will be within ±30% of nominal inductance value. When rated current is applied to the products, temperature rise caused by selfgenerated heat shall be limited to 40°C max. Keep the temperature (ambient temperature plus selfgeneration of heat) under 125°C.

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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 Quantity
В	Bulk(Bag)	500
K	330Embossed Tape	7500
L	180Embossed Tape	2000

Mass (typ.)		
1 piece	0.044g	

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## **Specifications**

L size	3.2±0.3mm
W size	2.5±0.2mm
T size	1.55±0.15mm
Size code inch (mm)	1210 (3225)
Inductance	22μH±20%
Inductance Test Frequency	1MHz
Rated current (Isat) (Based on Inductance change)	500mA
Rated current (Itemp) (Based on Temperature rise)	450mA
Max. of DC resistance	0.972Ω
DC resistance	0.81Ω±20%
Operating Temperature Range (Self-temperature rise is included)	-40°C to 125°C
Operating Temperature Range(Self-temperature rise is not included)	-40°C to 85°C
Class of magnetic shield	Shielded (Magnetic Resin)
Self resonance frequency (min.)	20MHz
Brand	Murata
Series	LQH32PN_N0

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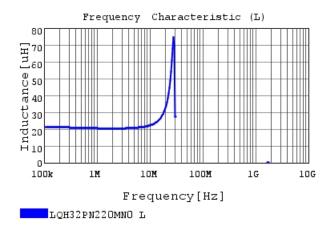
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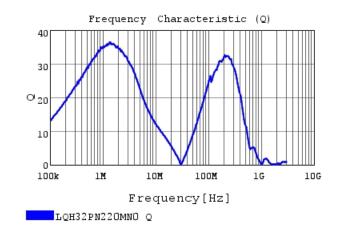
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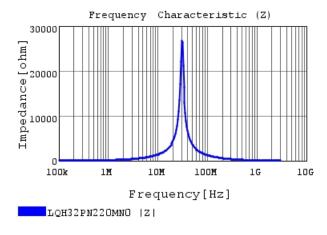


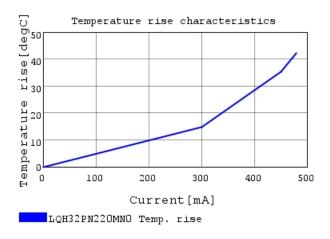
### Characteristic Data

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









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