

Note: This datasheet may be out of date.

Please download the latest datasheet of LQH32PN4R7NNC# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=LQH32PN4R7NNC%23

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

Bias Current Characteristics Improved













< List of part numbers with package codes > LQH32PN4R7NNCK LQH32PN4R7NNCL

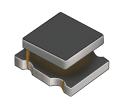


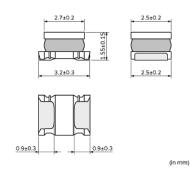
Applications

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	0
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.





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References

Packaging	Specifications	Standard Packing Quantity
К	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	4.7µH±30%
Inductance Test Frequency	1MHz
Rated current (Isat) (Based on Inductance change)	1600mA
Rated current (Itemp) (Based on Temperature rise)	1200mA
Max. of DC resistance	0.186Ω
DC resistance	0.155Ω±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.)	40MHz
Brand	Murata
Series	LQH32PN_NC

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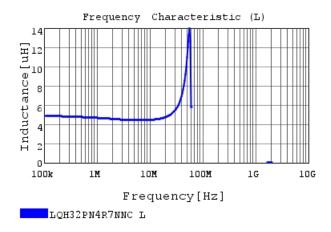
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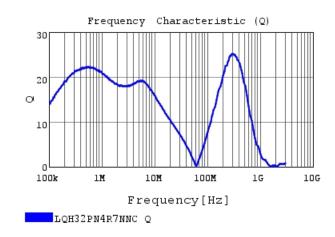
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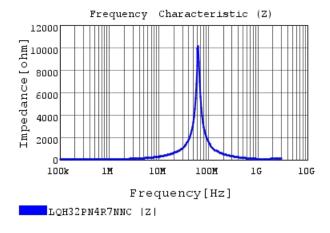


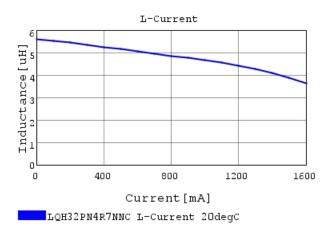
Characteristic Data

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









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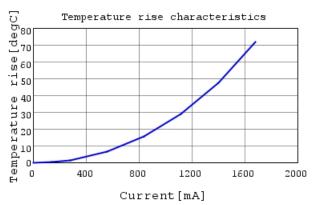


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LQH32PN4R7NNC Temp. rise

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