Note: This datasheet may be out of date.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

LQH32PN220MN0#

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

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

In Production | RoHS | REACH | 125 °C max. | Wound (Ferrite) | Reflow OK

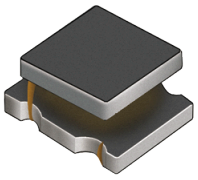
< List of part numbers with package codes >

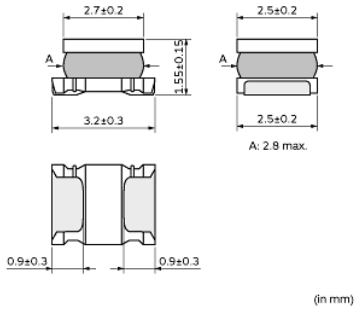
LQH32PN220MN0B LQH32PN220MN0K LQH32PN220MN0L

Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Consumer equipment,Medical equipment [GHTF A/B/C] except for implant & surgery & auto injector, Industrial equipment except for transportation & facility & energy 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 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 self-generated heat shall be limited to 40°C max. Keep the temperature (ambient temperature plus self-generation of heat) under 125°C.

Attention
1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
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.

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

LQH32PN220MN0#

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

References

Packaging	Specifications	Standard Packing Quantity
B	Bulk(Bag)	500
K	330Embossed Tape	7500
L	180Embossed Tape	2000

Mass (typ.)	
1 piece	0.044g

Attention
1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
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.

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

LQH32PN220MN0#

“#”at the end indicates the package specification code.

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℃ to 125℃
Operating Temperature Range(Self-temperature rise is not included)	-40℃ to 85℃
Class of magnetic shield	Shielded（Magnetic Resin）
Self resonance frequency (min.)	20MHz
Brand	Murata
Series	LQH32PN_N0

Attention
1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it’s specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
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.

Note: This datasheet may be out of date.
Please download the latest datasheet of LQH32PN220MN0# from the official website of Murata Manufacturing Co., Ltd.

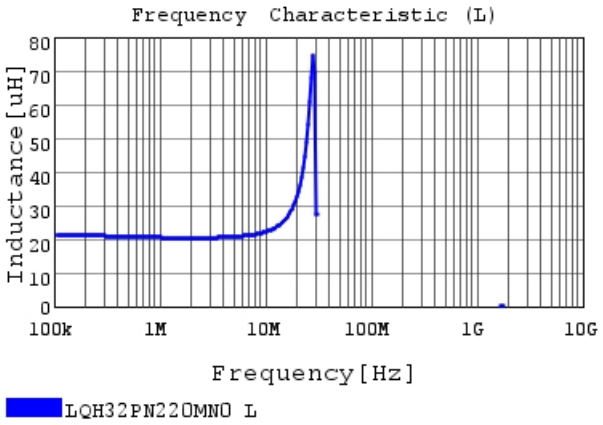
http://www.murata.com/en/products/productdetail?partno=LQH32PN220MN0%23

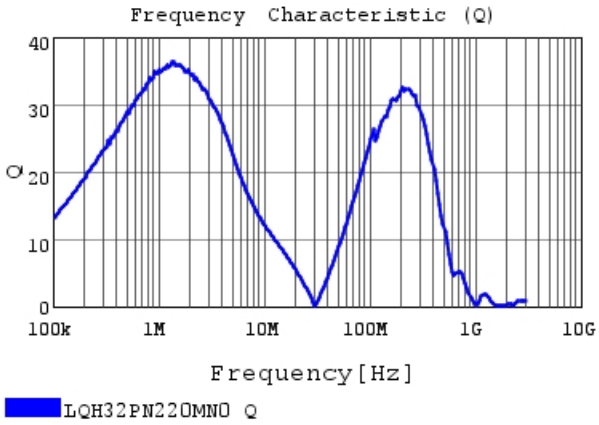
LQH32PN220MN0#

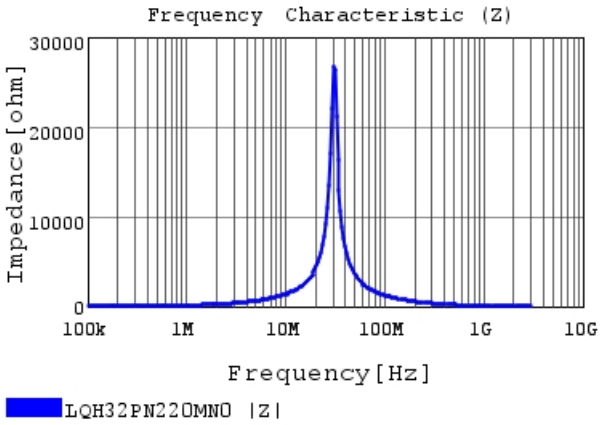
"#"at the end indicates the package specification code.

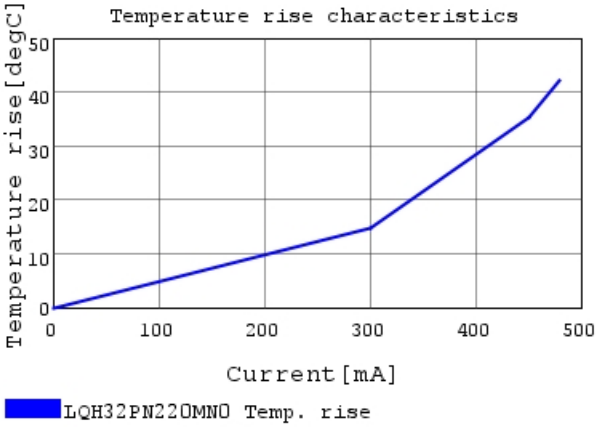
Characteristic Data

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









Attention
1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
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.