Note: This datasheet may be out of date.
Please download the latest datasheet of LQP02HQ51NJ02# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=LQP02HQ51NJ02%23

LQP02HQ51NJ02#

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

0402 (01005) in mm (in inch), Higher Q

In Production | RoHS | REACH | 125 ℃max. | Film | High Q | Reflow OK

< List of part numbers with package codes >

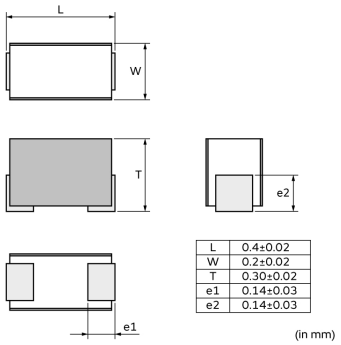
LQP02HQ51NJ02B LQP02HQ51NJ02E LQP02HQ51NJ02L

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





L	0.4±0.02
W	0.2±0.02
T	0.30±0.02
e1	0.14±0.03
e2	0.14±0.03

(in mm)

Attention
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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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LQP02HQ51NJ02#

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

References

Packaging	Specifications	Standard Packing Quantity
B	Bulk(Bag)	500
E	180mm Paper Tape (W8P2)	15000
L	180Embossed Tape	30000

Mass (typ.)	
1 piece	0.085mg

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LQP02HQ51NJ02#

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

Specifications

L size	0.4±0.02mm
W size	0.2±0.02mm
T size	0.3±0.02mm
Size code inch (mm)	01005 (0402)
Inductance	51nH±5%
Inductance Test Frequency	300MHz
Rated current (Itemp) (Based on Temperature rise)	100mA
Max. of DC resistance	4.2Ω
Operating Temperature Range(Self-temperature rise is not included)	-55℃ to 125℃
Class of magnetic shield	Non-Shielded
Q(min.)	8
Q Test Frequency	300MHz
Self resonance frequency (min.)	1.9GHz
Brand	Murata
Series	LQP02HQ_02

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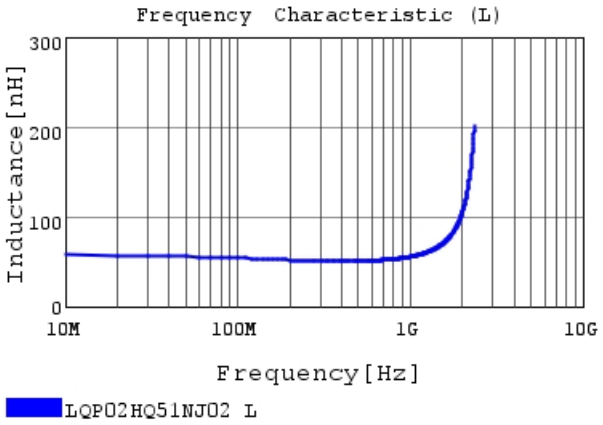
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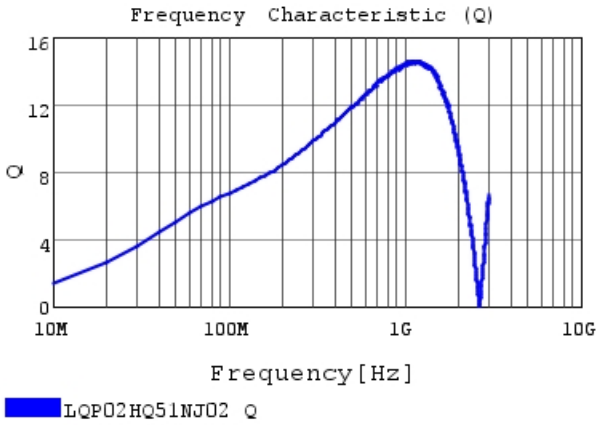
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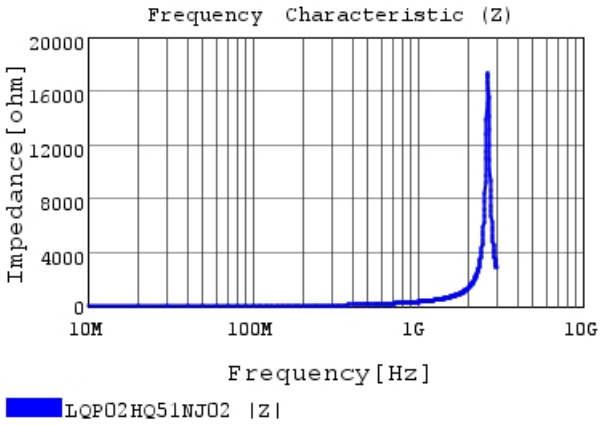
"#"at the end indicates the package specification code.

Characteristic Data

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







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