

LQP02HQ51NH02L

"#" indicates a package specification code.

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



< List of part numbers with package codes >

LQP02HQ51NH02B LQP02HQ51NH02E LQP02HQ51NH02L

Applications

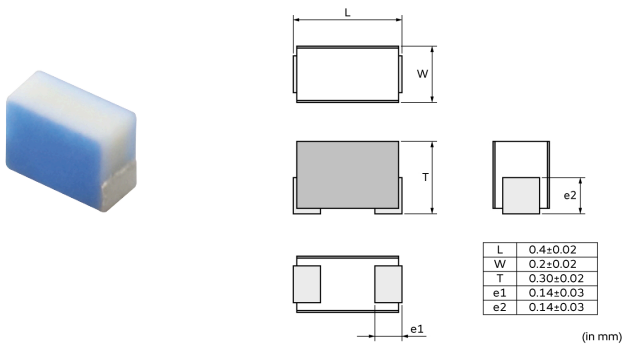
Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Consumer equipment, Medical equipment [GHTF A/B/C] except for implant & operation & auto-dispenser equipment, Industrial equipment except for transportation & facility & energy equipment 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.

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

Appearance & Shape



Attention

- This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its 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.
- 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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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±3%
Inductance Test Frequency	300MHz
Rated current (Itemp) (Based on Temperature rise)	100mA
Max. of DC resistance	4.2Ω
Class of magnetic shield	No Shield
Q(min.)	8
Q Test Frequency	300MHz
Self resonance frequency (min.)	1.9GHz
Operating Temperature Range(Self-temperature rise is not included)	-55°C to 125°C
Brand	Murata
Series	LQP02HQ_02

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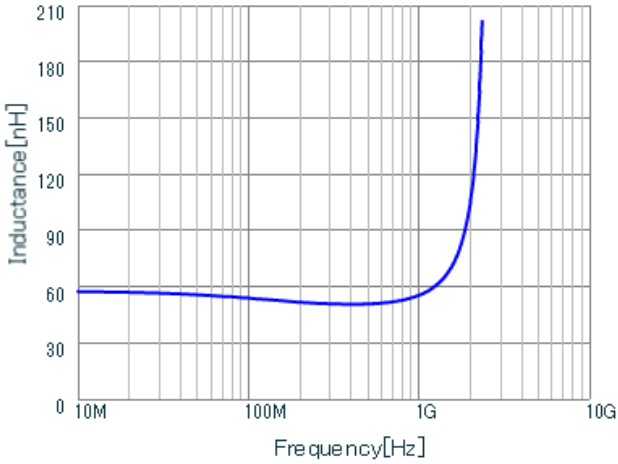
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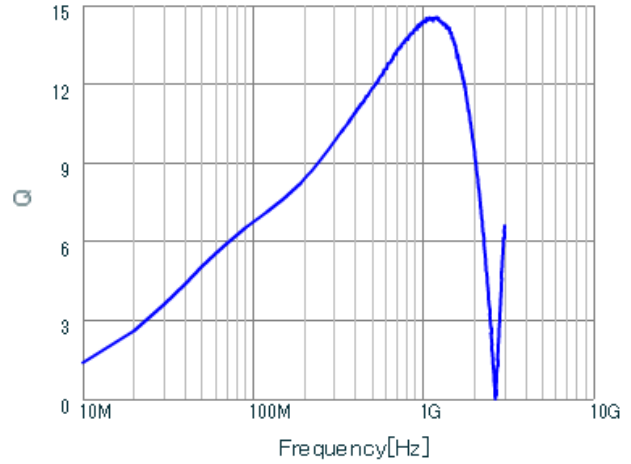
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Characteristic Data



LQP02HQ51NH02 L.



LQP02HQ51NH02 Q.

Inductance - Frequency Characteristics

Q-Frequency Characteristics

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