

# LQP03HQR12H02D

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

Size Code 0603 (0201) in mm (in inch), Higher Q

In Production

RoHS

REACH

125  
°C max.

Film

Low Rdc

High Q

Reflow OK

< List of part numbers with package codes >

LQP03HQR12H02B      LQP03HQR12H02D      LQP03HQR12H02J

## Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	<p>Consumer equipment, Medical equipment [GHTF A/B/C] except for implant &amp; surgery &amp; auto injector, Industrial equipment except for transportation &amp; facility &amp; energy equipment</p> <p>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.</p>
Recommended Applications	Consumer equipment

## Appearance & Shape



**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.

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## References

Packaging	Specifications	Standard Packing Quantity
B	Bulk(Bag)	500
D	180mm Paper Tape	15000
J	330mm Paper Tape	50000

Mass (typ.)	
1 piece	0.22mg

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## Specifications

L size	0.6±0.03mm
W size	0.3±0.03mm
T size	0.4±0.02mm
Size code inch (mm)	0201 (0603)
Inductance	120nH±3%
Inductance Test Frequency	300MHz
Rated current (Itemp) (Based on Temperature rise)	80mA
Max. of DC resistance	8Ω
Operating Temperature Range(Self-temperature rise is not included)	-55°C to 125°C
Class of magnetic shield	Non-Shielded
Q(min.)	10
Q Test Frequency	300MHz
Self resonance frequency (min.)	800MHz
Brand	Murata
Series	LQP03HQ_02

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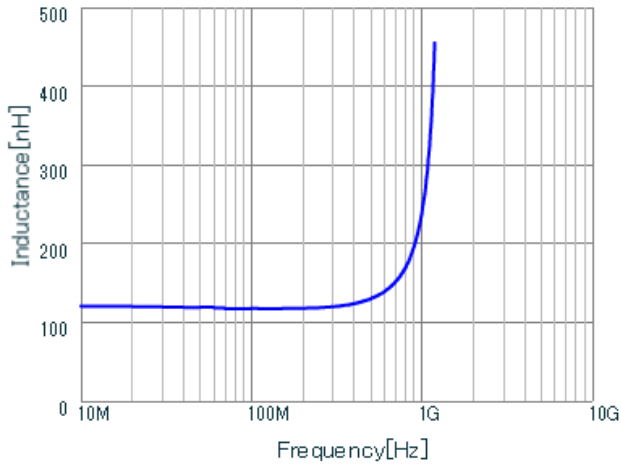
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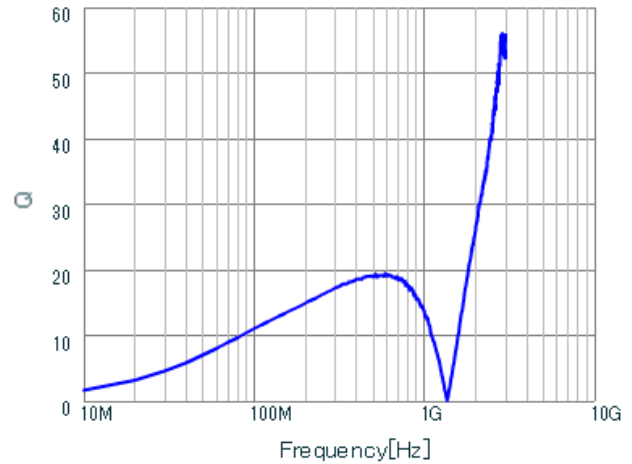
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## Characteristic Data



LQP03HQR12H02 L.



LQP03HQR12H02 Q.

Inductance - Frequency Characteristics

Q-Frequency Characteristics

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