

# LQG15WZ5N1S02#

“#” indicates a package specification code.

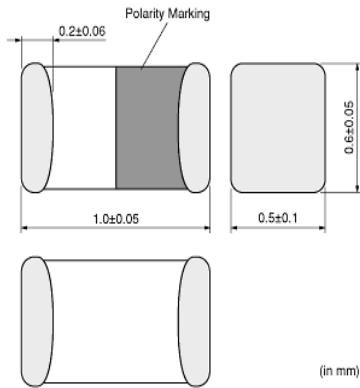
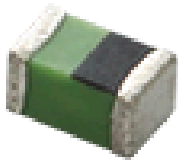
Size Code 1005 (0402) in mm (in inch), Multilayer Type, High Q, Automotive available (Infotainment)



< List of part numbers with package codes >

LQG15WZ5N1S02J      LQG15WZ5N1S02B      LQG15WZ5N1S02D

## Appearance & Shape



## References

Packaging	Specifications	Standard Packing Quantity
J	330mm Paper Tape	40000
B	Bulk(Bag)	100
D	180mm Paper Tape	10000

Mass (typ.)	
1 piece	0.001g

### 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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## Specifications

L size	1.0±0.05mm
W size	0.6±0.05mm
T size	0.5±0.1mm
Size code inch (mm)	0402 (1005)
Inductance	5.1nH±0.3nH
Inductance Test Frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	800mA
Max. of DC resistance	0.12Ω
Q(min.)	23
Q Test Frequency	250MHz
Self resonance frequency (min.)	4500MHz
Operating Temperature Range(Self-temperature rise is not included)	-55°C to 125°C
Series	LQG15WZ_02

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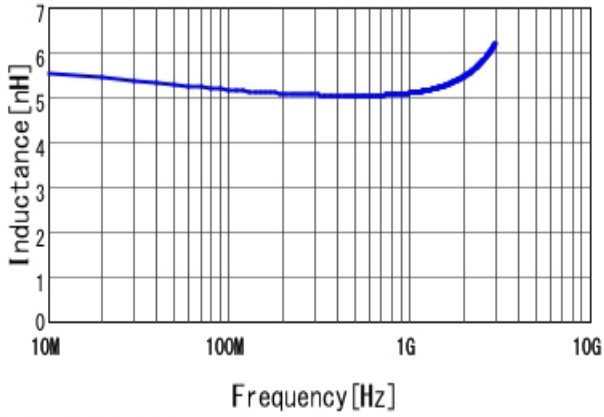
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## Characteristic Data

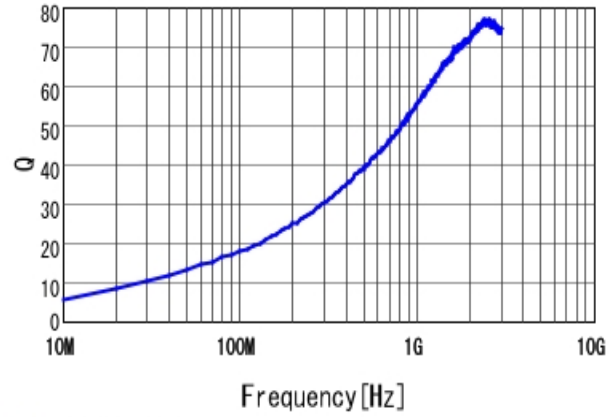
The charts below may show another part number which shares its characteristics.

Frequency Characteristic (L)



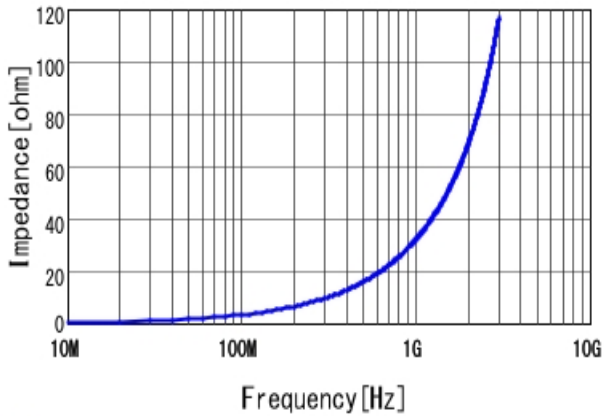
■ LQG15WZ5N1S02 L

Frequency Characteristic (Q)



■ LQG15WZ5N1S02 Q

Frequency Characteristic (Z)



■ LQG15WZ5N1S02 |Z|

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