

# LQG15HSR27J02#

“#” indicates a package specification code.

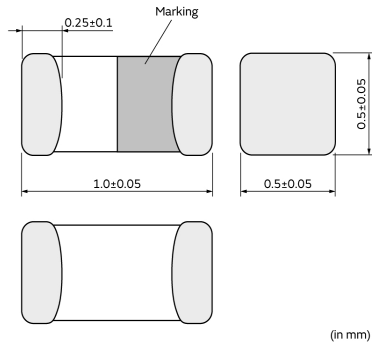
Designed under Industrial Global Standard



< List of part numbers with package codes >

LQG15HSR27J02J      LQG15HSR27J02D      LQG15HSR27J02B

## Appearance & Shape



## References

Packaging	Specifications	Standard Packing Quantity
J	330mm Paper Tape	50000
D	180mm Paper Tape	10000
B	Bulk(Bag)	1000

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	0.5±0.05mm
T size	0.5±0.05mm
Size code inch (mm)	0402 (1005)
Inductance	270nH±5%
Inductance Test Frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	110mA
Max. of DC resistance	4.94Ω
Q(min.)	8
Q Test Frequency	100MHz
Self resonance frequency (min.)	400MHz
Operating Temperature Range(Self-temperature rise is not included)	-55°C to 125°C
Series	LQG15HS_02

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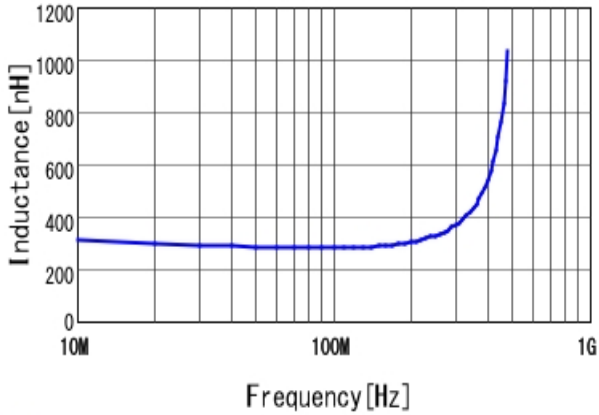
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## Characteristic Data

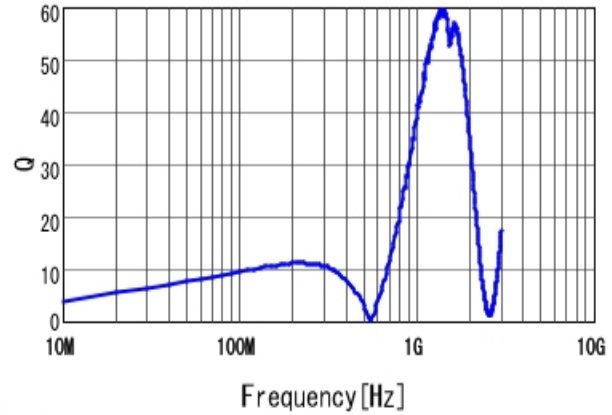
The charts below may show another part number which shares its characteristics.

Frequency Characteristic (L)



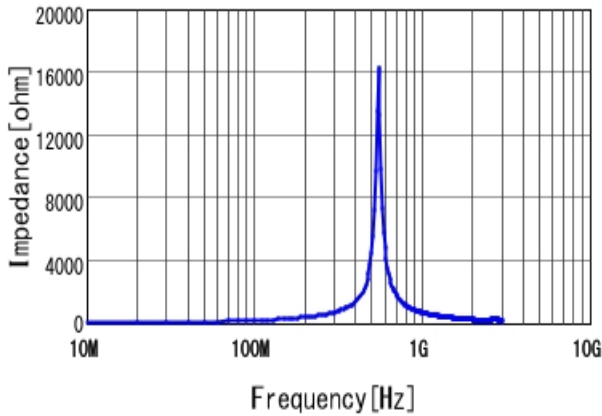
■ LQG15HSR27J02 L

Frequency Characteristic (Q)



■ LQG15HSR27J02 Q

Frequency Characteristic (Z)



■ LQG15HSR27J02 |Z|

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