

# LQG15WH27NG02#

“#” indicates a package specification code.

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



< List of part numbers with package codes >

LQG15WH27NG02B      LQG15WH27NG02D      LQG15WH27NG02J

## Appearance & Shape



## References

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

Mass (typ.)	
1 piece	0.001g

### 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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## 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	27nH±2%
Inductance Test Frequency	100MHz
Rated current (Itemp) (Based on Temperature rise)	230mA
Max. of DC resistance	1.3Ω
Q(min.)	20
Q Test Frequency	250MHz
Self resonance frequency (min.)	1700MHz
Operating Temperature Range(Self-temperature rise is not included)	-55°C to 125°C
Brand	Murata
Series	LQG15WH_02

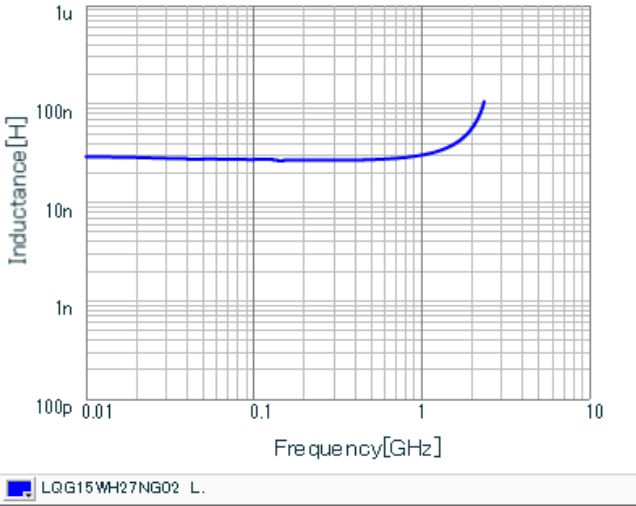
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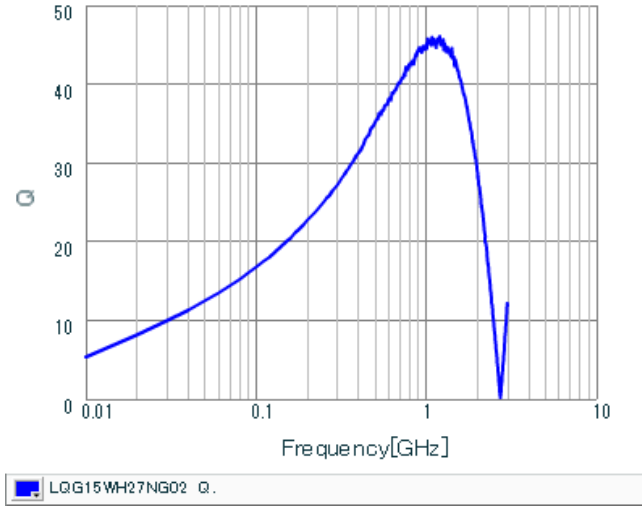
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## Characteristic Data



Inductance - Frequency Characteristics



Q-Frequency Characteristics

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