

# LQG15WH3N0B02#

“#” indicates a package specification code.

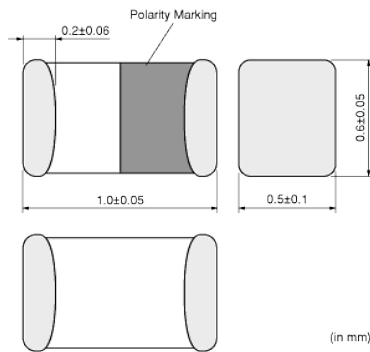
Size Code 1005 (0402) in mm (in inch), Multilayer Type, High Q, Automotive available (Powertrain/Safety)



< List of part numbers with package codes >

LQG15WH3N0B02J LQG15WH3N0B02B LQG15WH3N0B02D

## Appearance & Shape



## References

| Packaging | Specifications   | Minimum Order 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.
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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                                                         | 3nH±0.1nH      |
| Inductance Test Frequency                                          | 100MHz         |
| Rated current (Itemp) (Based on Temperature rise)                  | 900mA          |
| Max. of DC resistance                                              | 0.08Ω          |
| Q(min.)                                                            | 23             |
| Q Test Frequency                                                   | 250MHz         |
| Self resonance frequency (min.)                                    | 6000MHz        |
| Operating Temperature Range(Self-temperature rise is not included) | -55°C to 125°C |
| Series                                                             | LQG15WH_02     |

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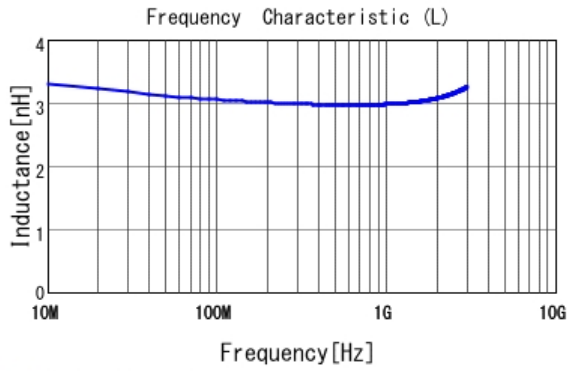
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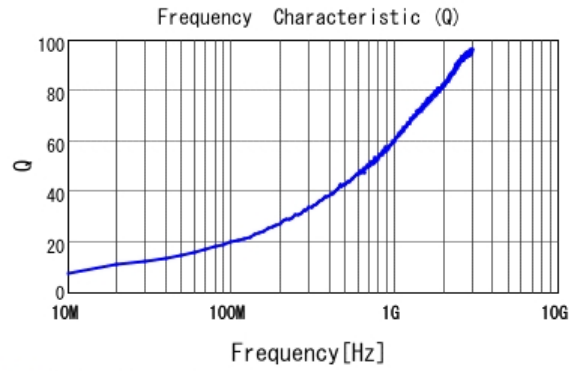
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## Characteristic Data

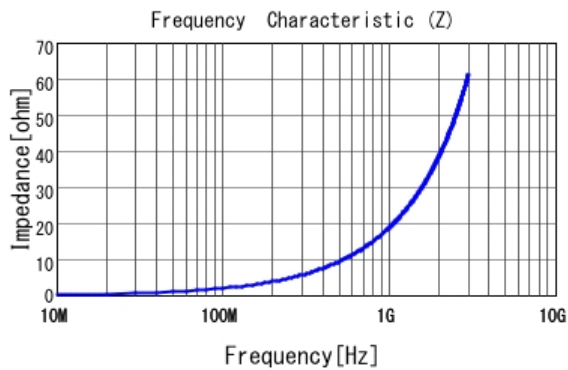
The charts below may show another part number which shares its characteristics.



■ LQG15WH3N0B02 L



■ LQG15WH3N0B02 Q



■ LQG15WH3N0B02 |Z|

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