

# LQG15WH2N8C02#

"#" indicates a package specification code.

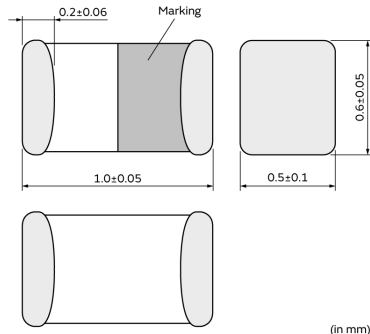
Size Code 1005 (0402) in mm (in inch), Multilayer Type, High Q, Automotive available (Powertrain/Safety)



< List of part numbers with package codes >

LQG15WH2N8C02B      LQG15WH2N8C02D      LQG15WH2N8C02J

## 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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## 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   | 2.8nH±0.2nH    |
| Inductance Test Frequency  | 100MHz         |
| Rated current (Itemp)<br>(Based on Temperature rise)                     | 900mA          |
| Max. of DC resistance  | 0.08Ω          |
| Q(min.)  | 23             |
| Q Test Frequency   | 250MHz         |
| Self resonance frequency<br>(min.)                                       | 6500MHz        |
| Operating Temperature<br>Range(Self-temperature rise<br>is not included) | -55°C to 125°C |
| Brand  | Murata         |
| Series   | LQG15WH_02     |

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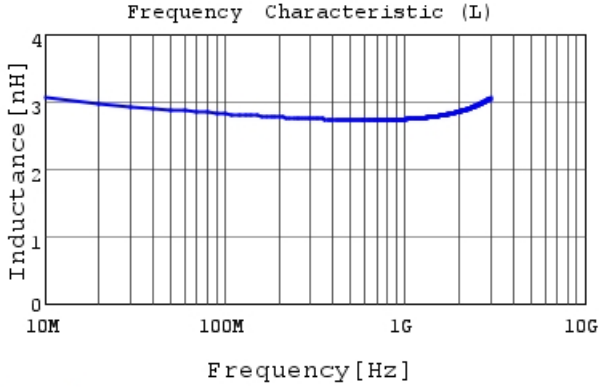
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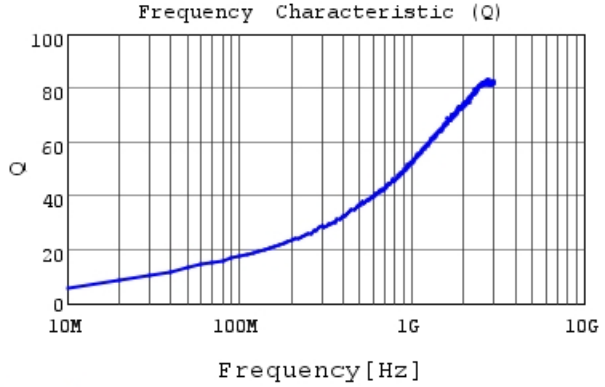


## Characteristic Data

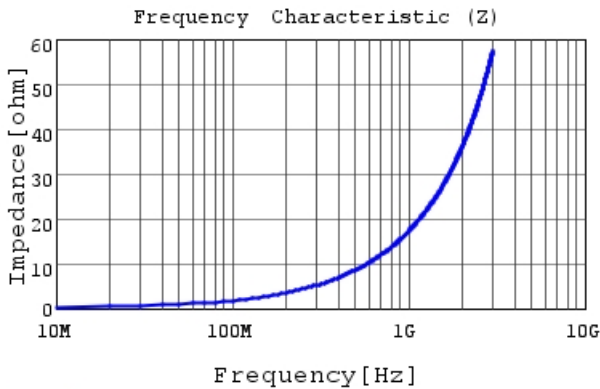
The charts below may show another part number which shares its characteristics.



LQG15WH2N8C02 L



LQG15WH2N8C02 Q



LQG15WH2N8C02 |Z|

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