

Note: This datasheet may be out of date.

Please download the latest datasheet of LQG15WZ1N7S02# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=LQG15WZ1N7S02%23

"#"at the end indicates the 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 >

LQG15WZ1N7S02B

LQG15WZ1N7S02D

LQG15WZ1N7S02J



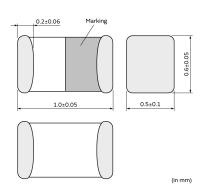
Applications

| Unsuitable | Please be sure to read and comply with |
|--------------------------|--|
| | . , |
| Applications | these "Precautions for use." |
| Specific Applications | Consumer equipment,Automotive infotainment/comfort equipment,Medical |
| | equipment [GHTF A/B/C] except for |
| | implant & surgery & auto injector, |
| | Industrial equipment except for |
| | transportation & facility & energy |
| | equipment |
| | Please refer to Our Website and |
| | specifications, etc. for information about |
| | the performance, functions, quality, |
| | management, and safety required for |
| | the above applications, and use |
| | Products after confirming the |
| | performance and reliability of the actual |
| | Product. |
| Recommended | Automotive infotainment/comfort |
| Applications | equipment |



Appearance & Shape





1 of 4

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2. This datasheet has only typical specifications because there is no space for detailed specifications.





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References

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

| Mass (typ.) | |
|-------------|--------|
| 1 piece | 0.001g |

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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 | 1.7nH±0.3nH |
| Inductance Test Frequency | 100MHz |
| Rated current (Itemp) (Based on Temperature rise) | 1000mA |
| Max. of DC resistance | 0.04Ω |
| Operating Temperature Range(Self-temperature rise is not included) | -55°C to 125°C |
| Class of magnetic shield | Non-Shielded |
| Q(min.) | 23 |
| Q Test Frequency | 250MHz |
| Self resonance frequency (min.) | 10000MHz |
| Brand | Murata |
| Series | LQG15WZ_02 |

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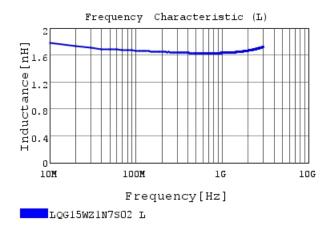
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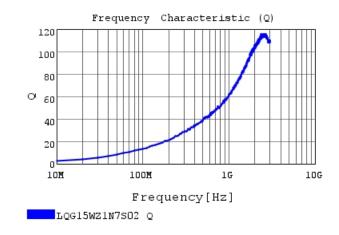
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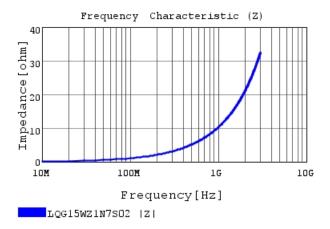


Characteristic Data

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







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