

Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

Please download the latest datasheet of LQM21PN4R7MGS# from the official website of Murata

http://www.murata.com/en-gb/products/productdetail?partno=LQM21PN4R7MGS%23

"#"at the end indicates the package specification code.

Size Code 2012 (0805) in mm (in inch), 1.0mm max. Thickness

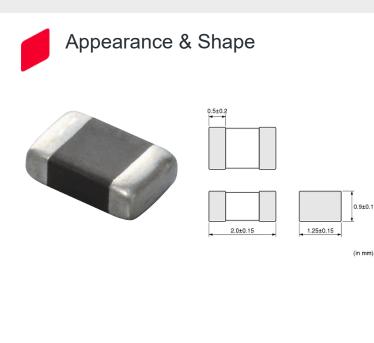


< List of part numbers with package codes > LQM21PN4R7MGSB LQM21PN4R7MGSD

LQM21PN4R7MGS#

Applications

| Unsuitable | Please be sure to read and comply with | |
|--------------|--|--|
| Applications | these "Precautions for use." | |
| | Consumer equipment,Medical | |
| | equipment [GHTF A/B/C] except for | |
| | implant & surgery & auto injector, | |
| | Industrial equipment except for | |
| | transportation & facility & energy | |
| | equipment | |
| Specific | Please refer to Our Website and | |
| Applications | 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 | Concurrence | |
| Applications | Consumer equipment | |





References

| | | Standard |
|-----------|------------------|----------|
| Packaging | Specifications | Packing |
| | | Quantity |
| В | Bulk(Bag) | 1000 |
| D | 180mm Paper Tape | 4000 |

| Mass (typ.) | | |
|-------------|--------|--|
| 1 piece | 0.012g | |

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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 | 2.0±0.15mm |
|--|-------------------------|
| W size | 1.25±0.15mm |
| T size | 0.9±0.1mm |
| Size code inch (mm) | 0805 (2012) |
| Inductance | 4.7µH±20% |
| Inductance Test Frequency | 1MHz |
| Rated current (Itemp) (Based on Temperature rise) | 750mA |
| Max. of DC resistance | 0.363Ω |
| DC resistance | 0.290Ω±25% |
| Class of magnetic shield | Shielded (Ferrite Core) |
| Self resonance frequency (min.) | 20MHz |
| Brand | Murata |
| Operating Temperature Range | -40°C to 85°C |
| Series | LQM21PN_GS |

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Product Search Data Sheet

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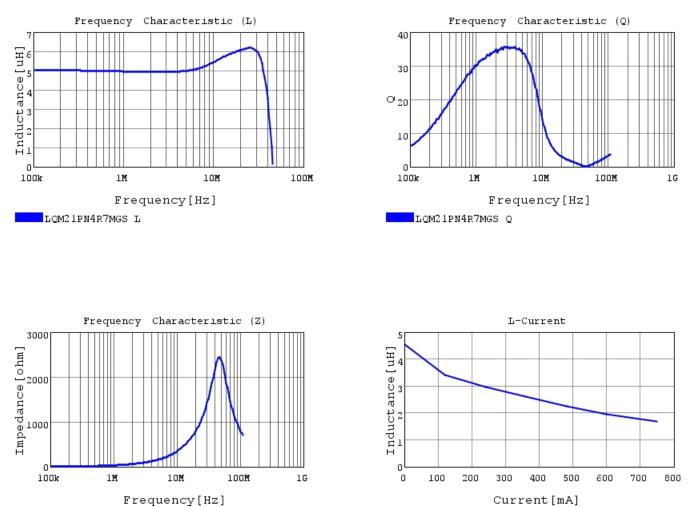
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Characteristic Data

LQM21PN4R7MGS#

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



LQM21PN4R7MGS L-Current 20degC

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LQM21PN4R7MGS |Z|

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Product Search Data Sheet

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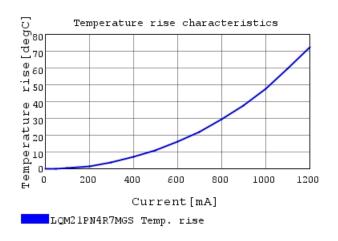
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LQM21PN4R7MGS#

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