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 $\label{eq:please} Please \ \text{download} \ the \ latest \ data sheet \ of \ LQW15AN22NG00\# \ from \ the \ of ficial \ website \ of \ Murata$ 

http://www.murata.com/en/products/productdetail?partno=LQW15AN22NG00%23

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

Size Code 1005 (0402) in mm (in inch), Wound Type

LQW15AN22NG00#



< List of part numbers with package codes > LQW15AN22NG00B LQW15AN22NG00D

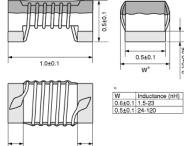
# Applications

| 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  | Consumer equipment                         |  |
| Applications |  |  |



## Appearance & Shape





0.2±0.1

(in mm)

References

|           |                  | Standard |
|-----------|------------------|----------|
| Packaging | Specifications   | Packing  |
|           |                  | Quantity |
| В         | Bulk(Bag)        | 500      |
| D         | 180mm Paper Tape | 10000    |

0.2±0.1

| Mass (typ.) |         |  |
|-------------|---------|--|
| 1 piece     | 0.0008g |  |

1 of 3

#### Attention

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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   | 1.0±0.1mm    |
|--|--------------|
| W size   | 0.6±0.1mm    |
| T size   | 0.5±0.1mm    |
| Size code inch (mm)  | 0402 (1005)  |
| Inductance   | 22nH±2%      |
| Inductance Test Frequency  | 100MHz       |
| Rated current (Itemp)<br>(Based on Temperature rise)                     | 310mA        |
| Max. of DC resistance  | 0.3Ω         |
| Operating Temperature<br>Range(Self-temperature rise<br>is not included) | -55℃ to 125℃ |
| Class of magnetic shield   | Non-Shielded |
| Q(min.)  | 25           |
| Q Test Frequency   | 250MHz       |
| Self resonance frequency<br>(min.)                                       | 4GHz         |
| Brand  | Murata       |
| Series   | LQW15AN_00   |

### 2 of 3

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Product Search Data Sheet

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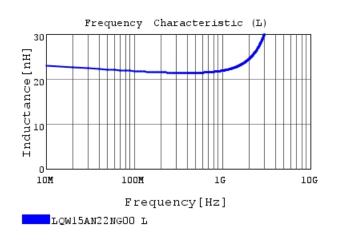
http://www.murata.com/en/products/productdetail?partno=LQW15AN22NG00%23

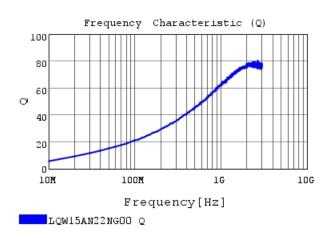
"#"at the end indicates the package specification code.

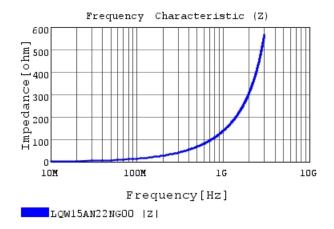
# Characteristic Data

LQW15AN22NG00#

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







3 of 3

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