

LQW2BHN18NJ03#

Note: This datasheet may be out of date.

Please download the latest datasheet of LQW2BHN18NJ03# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=LQW2BHN18NJ03%23

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

Size Code 2015 (0805) in mm (in inch), Wound Type















< List of part numbers with package codes > LQW2BHN18NJ03K LQW2BHN18NJ03L



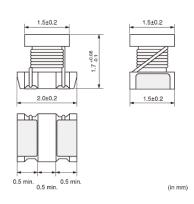
Applications

| | Let 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | |
|--------------|--|--|
| 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







References

| Packaging | Specifications | Standard Packing Quantity |
|-----------|------------------|---------------------------------|
| K | 330Embossed Tape | 7500 |
| L | 180Embossed Tape | 2000 |

| Mass (typ.) | |
|-------------|--------|
| 1 piece | 0.009g |

1 of 3

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.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.





LQW2BHN18NJ03#

Note: This datasheet may be out of date.

Please download the latest datasheet of LQW2BHN18NJ03# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=LQW2BHN18NJ03%23

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



Specifications

| L size | 2.0±0.2mm |
|--|-----------------|
| W size | 1.5±0.2mm |
| T size | 1.7+0.08/-0.1mm |
| Size code inch (mm) | 0805 (2015) |
| Inductance | 18nH±5% |
| Inductance Test Frequency | 100MHz |
| Rated current (Itemp) (Based on Temperature rise) | 690mA |
| Max. of DC resistance | 0.1Ω |
| Operating Temperature Range(Self-temperature rise is not included) | -40°C to 85°C |
| Class of magnetic shield | Non-Shielded |
| Q(min.) | 30 |
| Q Test Frequency | 250MHz |
| Self resonance frequency (min.) | 2600MHz |
| Brand | Murata |
| Series | LQW2BHN_03 |

2 of 3

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.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.



LQW2BHN18NJ03#

Note: This datasheet may be out of date.

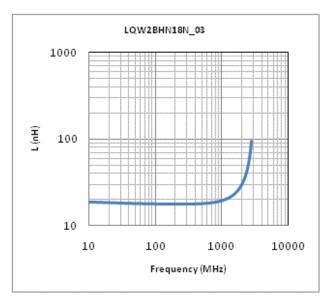
Please download the latest datasheet of LQW2BHN18NJ03# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=LQW2BHN18NJ03%23

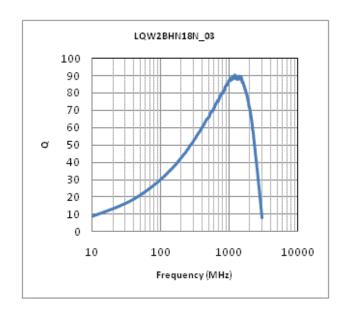
"#"at the end indicates the package specification code.



Characteristic Data



Inductance - Frequency Characteristics



Q-Frequency Characteristics

3 of 3

Attentior

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.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

