

**BL02RN1R2M2#** 

Note: This datasheet may be out of date. Please download the latest datasheet of BL02RN1R2M2# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=BL02RN1R2M2%23

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

Discontinued RoHS REACH

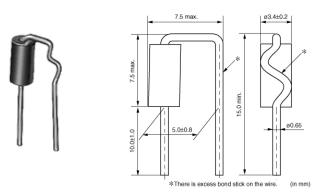
< List of part numbers with package codes > BL02RN1R2M2B



Applications

| Please be sure to read and comply with     |
|--|
| 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                                  |
| 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.                                   |
| Canadiman                                  |
| Consumer equipment                         |
|  |

### Appearance & Shape





### Packaging Information

|  | Packaging | Specifications | Standard<br>Packing<br>Quantity |
|--|-----------|----------------|---------------------------------|
|  | В         | Bulk(Bag)      | 500                             |



## **Features**

BL01/02/03 series are ferrite beads with lead wires to produce a high frequency loss for suppression of noise. Simple construction and easy-to-use, effective for low impedance circuits such as power supplies and grounds. Effective also for preventing overshoot and undershoot of digital signal in clocks or the like, and suppressing the higher harmonic wave. Suitable for prevention of abnormal oscillation at high frequency amplifying circuit.

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#### 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





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### Specifications

| Shape                          | Lead          |
|--------------------------------|---------------|
| Length                         | 7.5mm         |
| Length Tolerance               | max.          |
| Width                          | 3.4mm         |
| Width Tolerance                | ±0.2mm        |
| Thickness                      | 7.5mm         |
| Thickness Tolerance            | max.          |
| Operating Temperature<br>Range | -40°C to 85°C |
| Mass(typ.)                     | 0.34g         |
| Number of Circuit              | 1             |
| Rated Current (at 85°C)        | 7A            |

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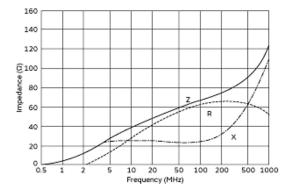
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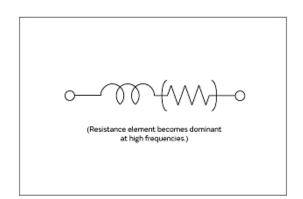
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Impedance-Frequency Characteristics

**Equivalent Circuit** 

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