

# BL02RN2R3N1#

Note: This datasheet may be out of date.

Please download the latest datasheet of BL02RN2R3N1# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=BL02RN2R3N1%23

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







### < List of part numbers with package codes > BL02RN2R3N1A



### **Applications**

| Unsuitable               | Please be sure to read and comply with     |  |
|--------------------------|--|--|
| Applications             | these "Precautions for use."               |  |
| Specific<br>Applications | 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.                                   |  |
| Recommended              | Consumer equipment                         |  |
| Applications             |  |  |
|                          |  |  |



## Packaging Information

| Packaging | Specifications | Standard<br>Packing |
|-----------|----------------|---------------------|
| A         | Ammo Pack      | Quantity<br>1500    |

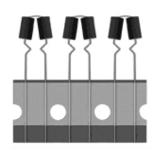


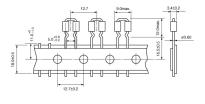
### **Features**

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.



### Appearance & Shape





1 of 3

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# **Specifications**

| Shape                          | Lead          |
|--------------------------------|---------------|
| Length                         | 9.0mm         |
| Length Tolerance               | max.          |
| Width                          | 3.4mm         |
| Width Tolerance                | ±0.2mm        |
| Thickness                      | 12.0mm        |
| Thickness Tolerance            | max.          |
| Operating Temperature<br>Range | -40°C to 85°C |
| Mass(typ.)                     | 0.65g         |
| Number of Circuit              | 1             |
| Rated Current (at 85°C)        | 6A            |

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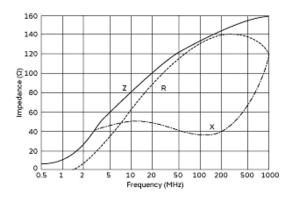
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Impedance-Frequency Characteristics

**Equivalent Circuit** 

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