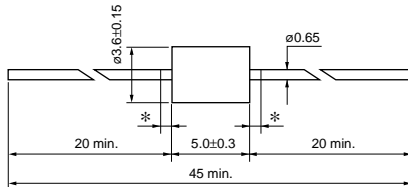


Leaded EMIFIL® (Inductor type)

BL01/BL02/BL03 Series

■ Dimensions

BL01RN1A1D2B

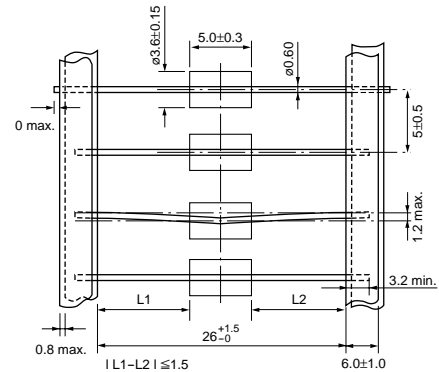


*Coating extending on leads : 1.5 max.

(in mm)

■ Dimensions

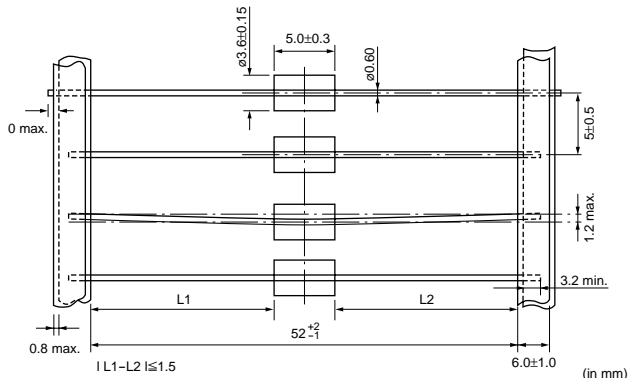
BL01RN1A1E1A



(in mm)

■ Dimensions

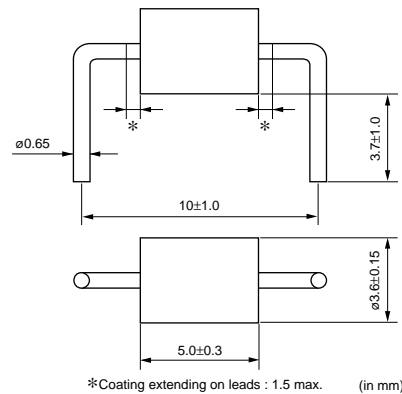
BL01RN1A1F1J



(in mm)

■ Dimensions

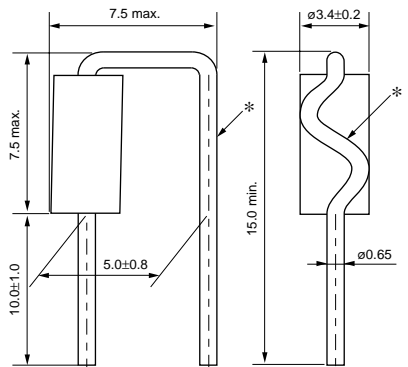
BL01RN1A2A2B



(in mm)

■ Dimensions

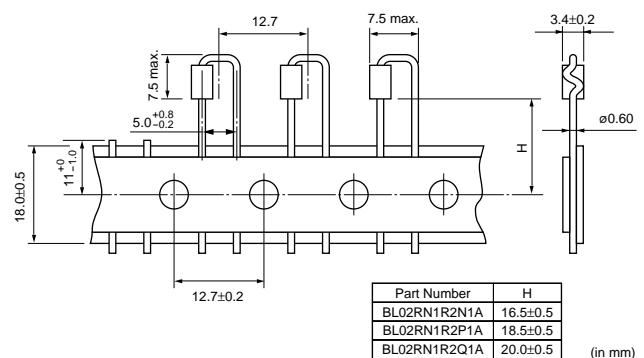
BL02RN1R2M2B



*There is excess bond stick on the wire. (in mm)

■ Dimensions

BL02RN1R2N1A/BL02RN1R2P1A/BL02RN1R2Q1A



(in mm)

Continued on the following page.

● This data sheet is applied for Lead EMIFIL® Inductor Type used for General Electronics equipment for your design.

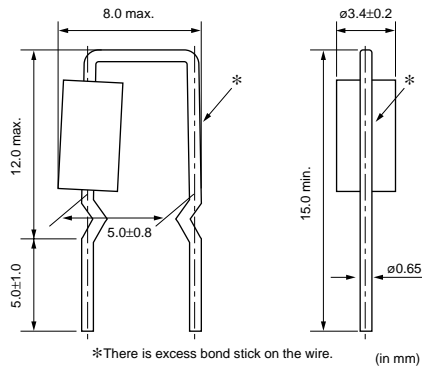
⚠ Note:

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 approve our product specifications or transact the approval sheet for product specifications before ordering.

Continued from the preceding page.

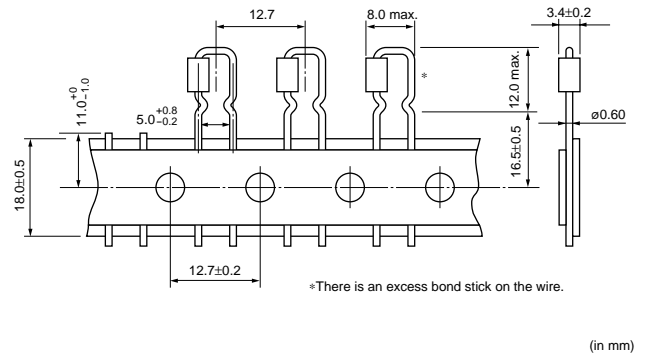
■ Dimensions

BL02RN1R3J2B



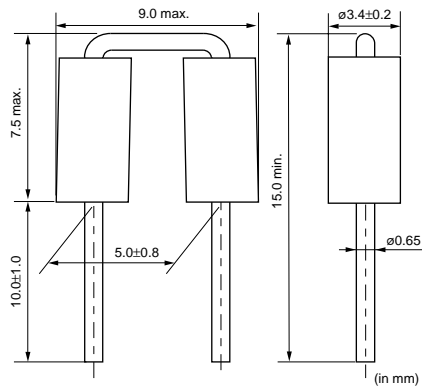
■ Dimensions

BL02RN1R3N1A



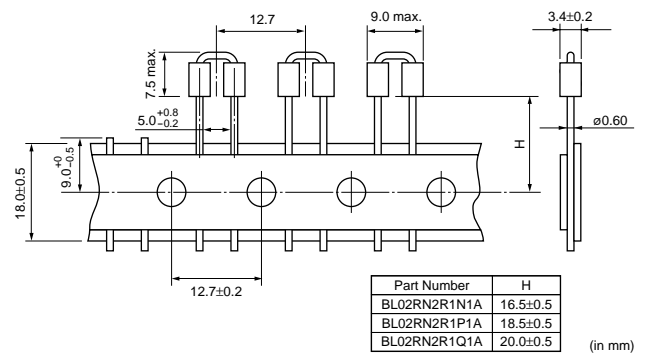
■ Dimensions

BL02RN2R1M2B



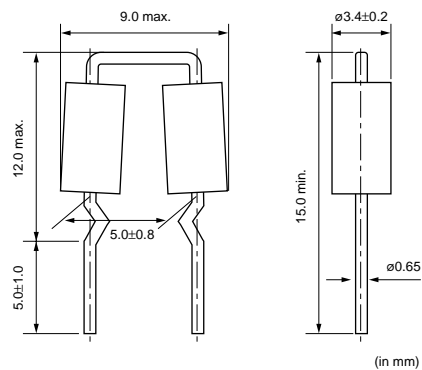
■ Dimensions

BL02RN2R1N1A/BL02RN2R1P1A/BL02RN2R1Q1A



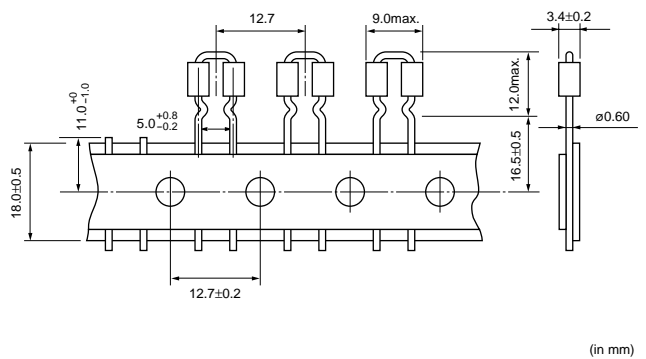
■ Dimensions

BL02RN2R3J2B



■ Dimensions

BL02RN2R3N1A



Continued on the following page.

● This data sheet is applied for Lead EMIFIL® Inductor Type used for General Electronics equipment for your design.

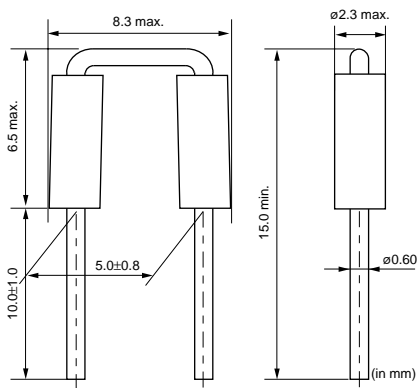
⚠ Note:

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 approve our product specifications or transact the approval sheet for product specifications before ordering.

Continued from the preceding page.

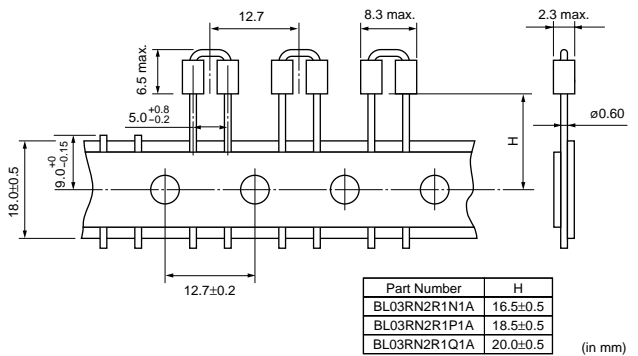
■ Dimensions

BL03RN2R1M1B



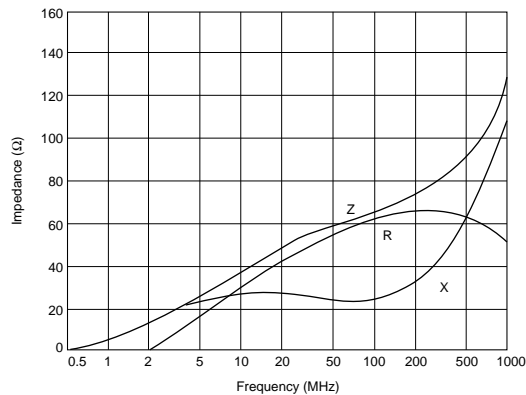
■ Dimensions

BL03RN2R1N1A/BL03RN2R1P1A/BL03RN2R1Q1A



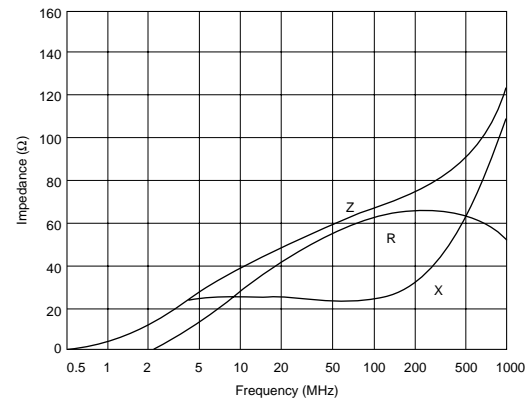
■ Impedance-Frequency Characteristics

BL01RN1A



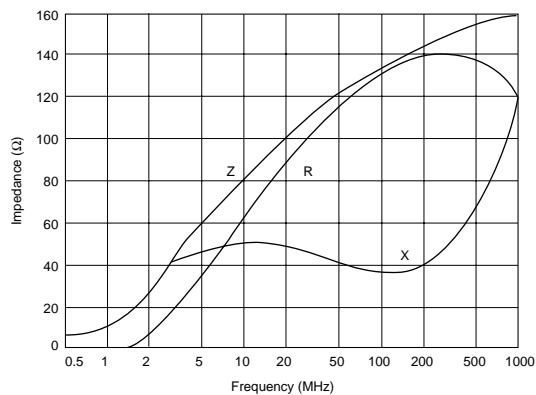
■ Impedance-Frequency Characteristics

BL02RN1R



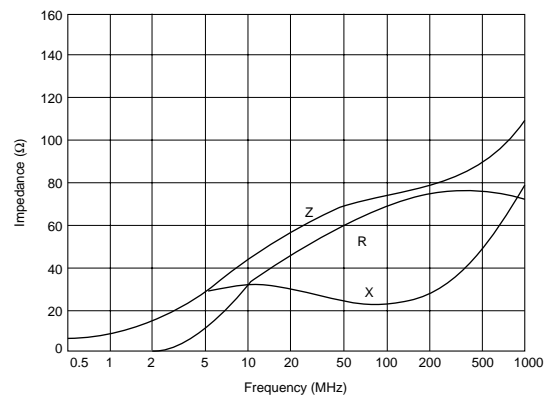
■ Impedance-Frequency Characteristics

BL02RN2R



■ Impedance-Frequency Characteristics

BL03RN2R




Continued on the following page.

● This data sheet is applied for Lead EMIFIL® Inductor Type used for General Electronics equipment for your design.

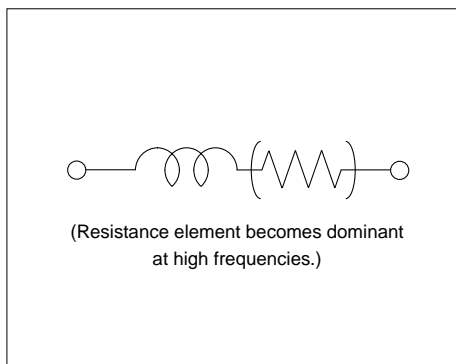
⚠ Note:

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 approve our product specifications or transact the approval sheet for product specifications before ordering.

 Continued from the preceding page.

■ Equivalent Circuit

BL01RN1A/BL02RN1R/BL02RN2R/BL03RN2R



■ Packaging

Code	Packaging
A	Ammo Pack
B	Bulk
J	Paper Reel (ø320mm)

• Applicable packaging type depends on lead structure.
Please contact us for details.

■ Rated Value (The 12th digit of the Part Number is Packaging Code.)

Part Number	Rated Current	Operating Temperature Range
BL01RN1A1D2B	7A	-40 to +85°C
BL01RN1A1E1A	6A	-40 to +85°C
BL01RN1A1F1J	6A	-40 to +85°C
BL01RN1A2A2B	7A	-40 to +85°C
BL02RN1R2M2B	7A	-40 to +85°C
BL02RN1R2N1A	6A	-40 to +85°C
BL02RN1R2P1A	6A	-40 to +85°C
BL02RN1R2Q1A	6A	-40 to +85°C
BL02RN1R3J2B	7A	-40 to +85°C
BL02RN1R3N1A	6A	-40 to +85°C
BL02RN2R1M2B	7A	-40 to +85°C
BL02RN2R1N1A	6A	-40 to +85°C
BL02RN2R1P1A	6A	-40 to +85°C
BL02RN2R1Q1A	6A	-40 to +85°C
BL02RN2R3J2B	7A	-40 to +85°C
BL02RN2R3N1A	6A	-40 to +85°C
BL03RN2R1M1B	6A	-40 to +85°C
BL03RN2R1N1A	6A	-40 to +85°C
BL03RN2R1P1A	6A	-40 to +85°C
BL03RN2R1Q1A	6A	-40 to +85°C

■ ⚠ Caution (Rating)

Do not use products beyond the rated current as this may create excessive heat and deteriorate the insulation resistance.

● This data sheet is applied for Lead EMIFIL® Inductor Type used for General Electronics equipment for your design.

⚠ Note:

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 approve our product specifications or transact the approval sheet for product specifications before ordering.