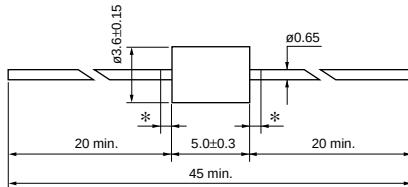


# Leaded EMIFIL® (Inductor type)

## BL01/BL02/BL03 Series

### ■ Dimensions

BL01RN1A1D2B

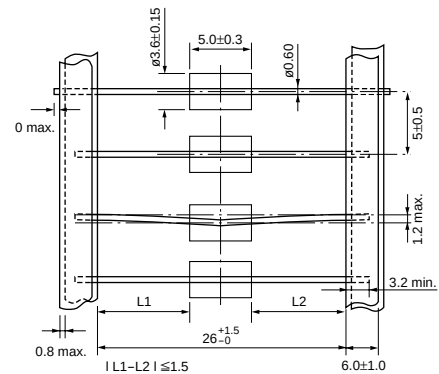


\*Coating extending on leads : 1.5 max.

(in mm)

### ■ Dimensions

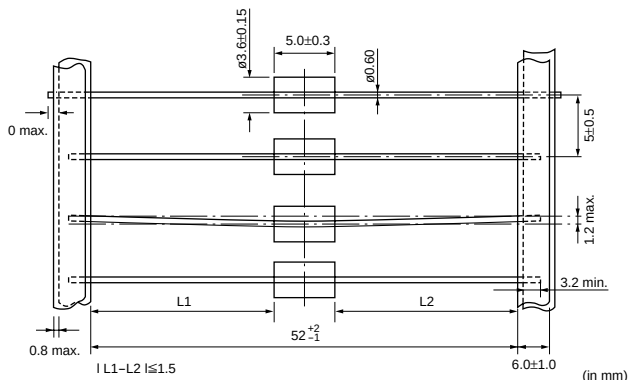
BL01RN1A1E1A



(in mm)

### ■ Dimensions

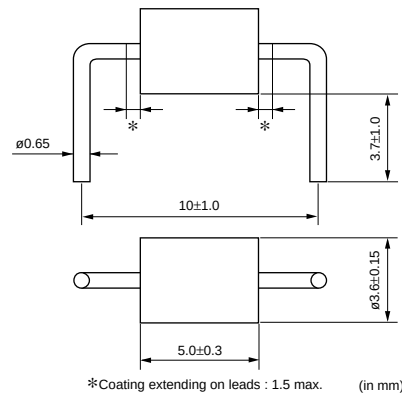
BL01RN1A1F1J



(in mm)

### ■ Dimensions

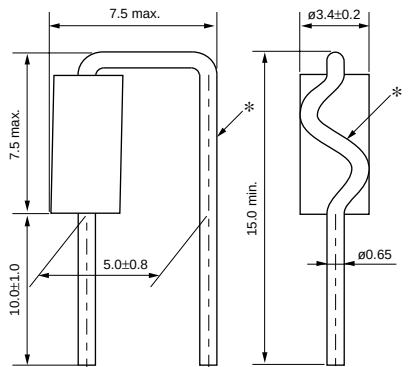
BL01RN1A2A2B



(in mm)

### ■ Dimensions

BL02RN1R2M2B

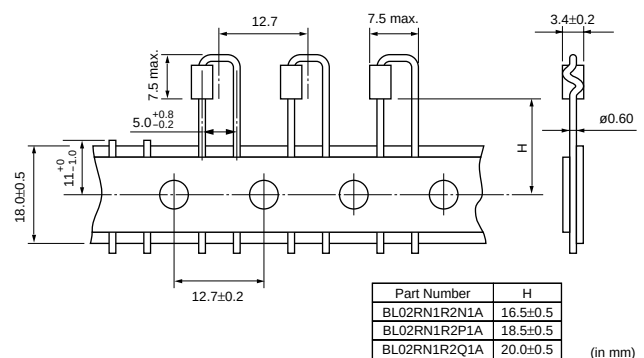


\*There is excess bond stick on the wire.

(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.

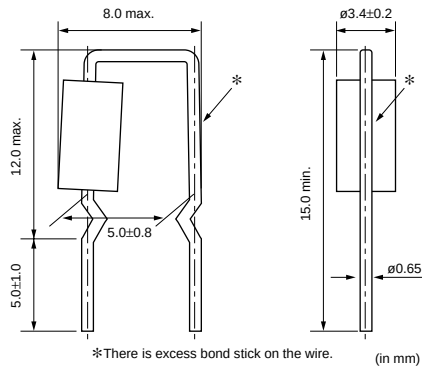
### ⚠ Note:

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Continued from the preceding page.

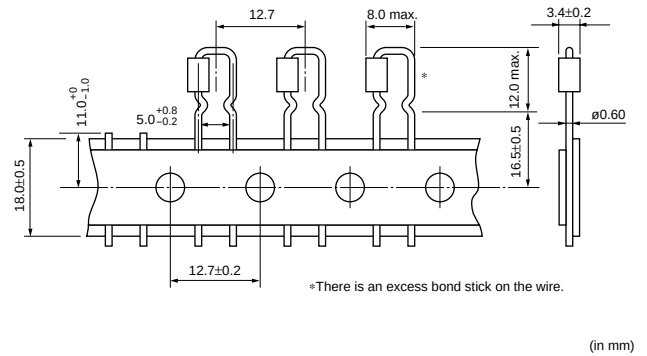
## ■ Dimensions

BL02RN1R3J2B



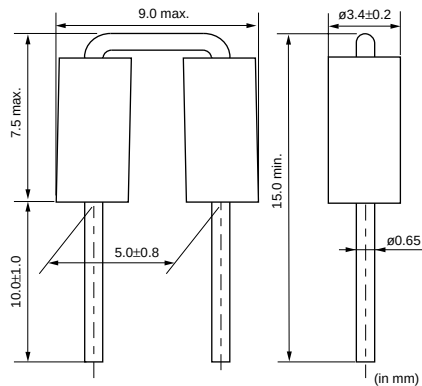
## ■ Dimensions

BL02RN1R3N1A



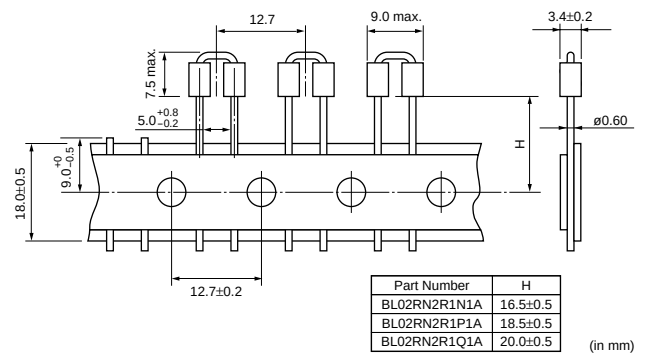
## ■ Dimensions

BL02RN2R1M2B



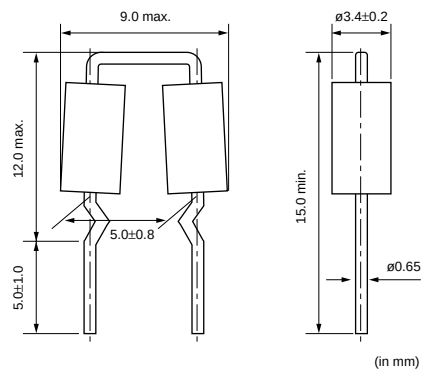
## ■ Dimensions

BL02RN2R1N1A/BL02RN2R1P1A/BL02RN2R1Q1A



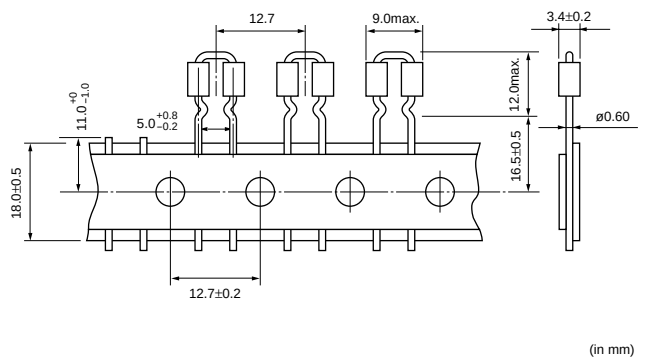
## ■ Dimensions

BL02RN2R3J2B



## ■ Dimensions

BL02RN2R3N1A



Continued on the following page.

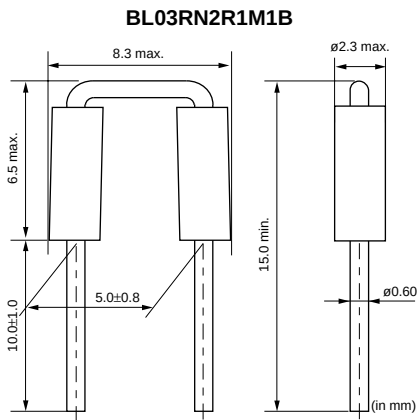
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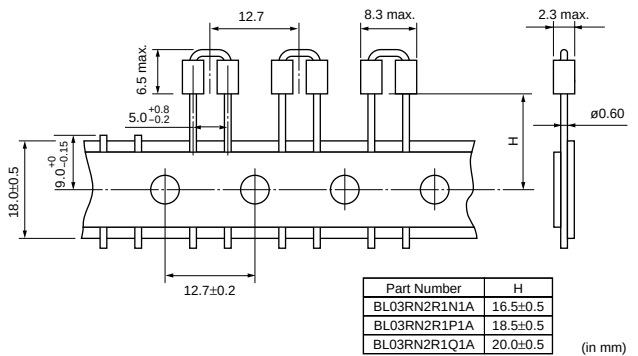
Continued from the preceding page.

## ■ Dimensions

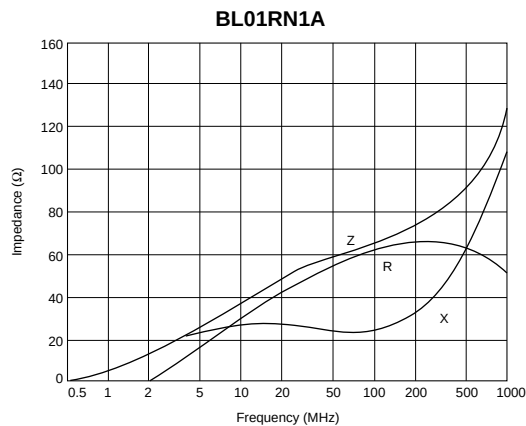


## ■ Dimensions

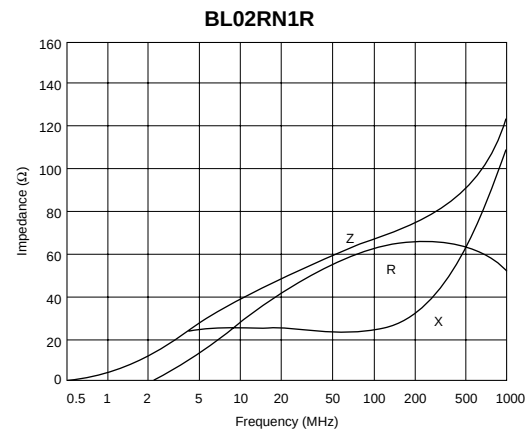
**BL03RN2R1N1A/BL03RN2R1P1A/BL03RN2R1Q1A**



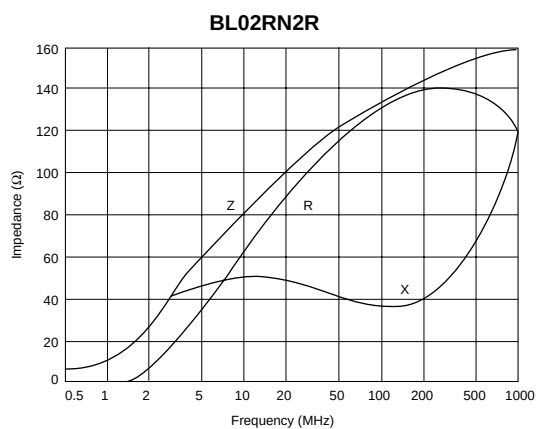
## ■ Impedance-Frequency Characteristics



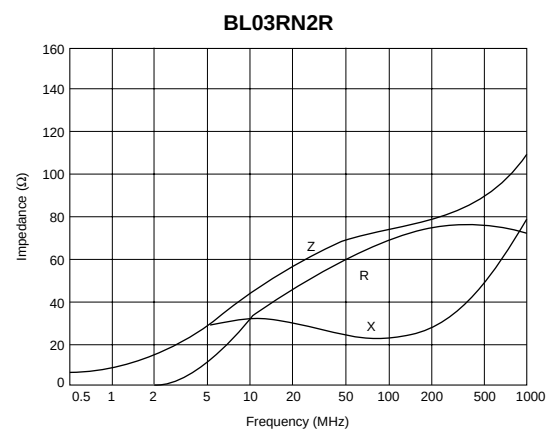
## ■ Impedance-Frequency Characteristics



## ■ Impedance-Frequency Characteristics



## ■ Impedance-Frequency Characteristics



Continued on the following page.

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

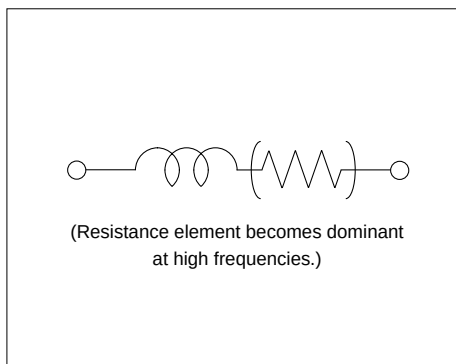
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## ■ Equivalent Circuit

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.

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