

# BLL18AG331A2E1H01#

“#” at the end indicates the package specification code.

To be discontinued

AEC-Q200

RoHS

REACH

< List of part numbers with package codes >  
BLL18AG331A2E1H01B

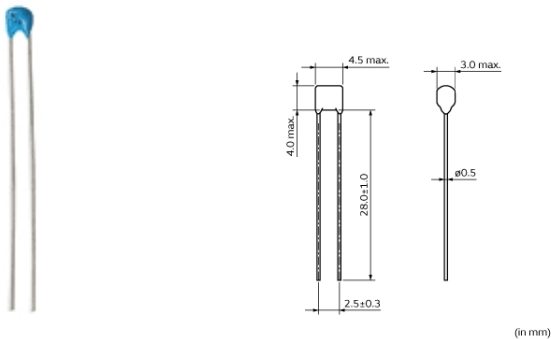
## Applications

|                          |  |
|--------------------------|--|
| Unsuitable Applications  | Please be sure to read and comply with these "Precautions for use."  |
| Specific Applications    | Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment, Consumer equipment, Medical equipment [GHTF A/B/C] except for implant & surgery & auto injector, Industrial Equipment<br>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 Applications | Automotive powertrain/safety equipment   |

## Packaging Information

| Packaging | Specifications | Standard Packing Quantity |
|-----------|----------------|---------------------------|
| B         | Bulk(Bag)      | 500                       |

## Appearance & Shape



### 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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## Features

- 1.BLL18Aseries is designed to function nearly as a resistor at noise frequencies, which greatly reduces the possibility of resonance and leaves signal wave forms undistorted.  
BLL18Aseries is effective in circuits without stable ground lines because BLL18Aseries does not need a connection to ground.
- 2.BLL18Aseries is effective in noise suppression in a wide frequency range (30MHz to several hundred MHz).
- 3.Lead-free Halogen-free is available.
- 4.Flow soldering. Corresponds to the welding implementation.  
(Not supported Reflow soldering.)
- 5.The material can be changed to a Cu wire according to the welding material as required.

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## Specifications

|                                 |                |
|---------------------------------|----------------|
| Shape                           | Lead           |
| Length                          | 4.5mm          |
| Length Tolerance                | max.           |
| Width                           | 3.0mm          |
| Width Tolerance                 | max.           |
| Thickness                       | 4.0mm          |
| Thickness Tolerance             | max.           |
| Operating Temperature Range     | -40°C to 150°C |
| Mass(typ.)                      | 0.13g          |
| Number of Circuit               | 1              |
| Rated Current (at 85°C)         | 200mA          |
| Rated Current (at 125°C)        | 200mA          |
| Rated Current (at 150°C)        | 200mA          |
| DC Resistance(max.)             | 0.6Ω           |
| Impedance (at 100MHz)           | 330Ω           |
| Impedance (at 100MHz) Tolerance | ±40%           |

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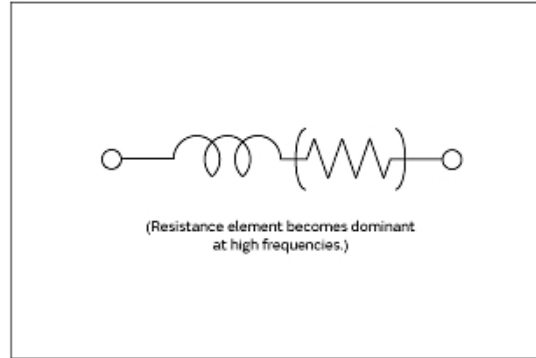
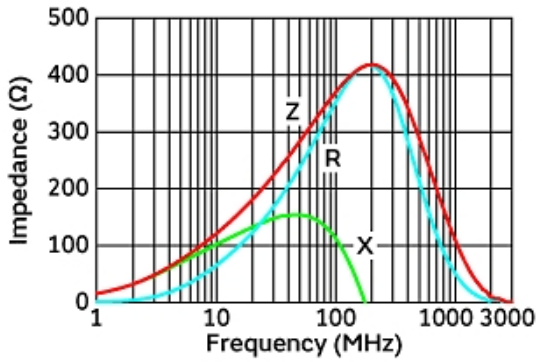
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## Product Data



Impedance-Frequency Characteristics

Equivalent Circuit

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