

Note: This datasheet may be out of date. Please download the latest datasheet of BLA31AG601SN4# from the official website of Murata Manufacturing Co., Ltd.

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

Packaging Information

http://www.murata.com/en/products/productdetail?partno=BLA31AG601SN4%23

# BLA31AG601SN4#

In Production RoHS

HS REACH

< List of part numbers with package codes > BLA31AG601SN4B BLA31AG601SN4D BLA3

BLA31AG601SN4J

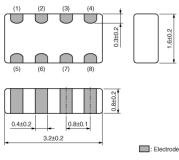


### Unsuitable Please be sure to read and comply with Applications these "Precautions for use." Consumer equipment, Medical equipment [GHTF A/B/C] except for implant & surgery & auto injector, Industrial equipment except for transportation & facility & energy equipment Specific Please refer to Our Website and Applications 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

Packaging	Specifications	Standard Packing Quantity
В	Bulk(Bag)	1000
D	180mm Paper Tape	4000
J	330mm Paper Tape	10000

## Appearance & Shape





(in mm)

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## Attention

Applications

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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





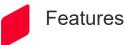
Product Search Data Sheet

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The miniaturization of electronic equipment requires high performance EMI filters which enable high density mounting. BLA31A/B series consists of 4 circuits of ferrite beads.

BLA31A/B is suitable for EMI suppression in smaller digital equipment.

Features

- 1. BLA31A/B has 4 circuits in 3.2x1.6mm body with 0.8mm pitch.
- 2. Provides attenuation across a broad frequency range. Two types of impedance are available which meet general signal line and high speed signal line.
- 3. Original inner electrode structure enables extra low crosstalk.
- 4. The nickel barrier structure of the external electrodes provides excellent solder heat resistance. Both flow and reflow soldering methods can be employed.

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## Specifications

Shape	SMD
Size Code (in inch)	1206
Length	3.2mm
Length Tolerance	±0.2mm
Width	1.6mm
Width Tolerance	±0.2mm
Thickness	0.8mm
Thickness Tolerance	±0.2mm
Operating Temperature Range	-55°C to 125°C
Mass(typ.)	0.018g
Number of Circuit	4
Rated Current (at 85°C)	100mA
Rated Current (at 125°C)	100mA
DC Resistance(max.)	0.35Ω
Impedance (at 100MHz)	600Ω
Impedance (at 100MHz) Tolerance	±25%
Size Code (in mm)	3216

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Product Search Data Sheet

1000 3000



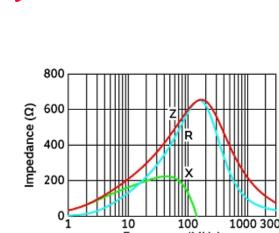
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**Product Data** 

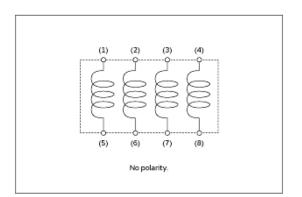
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Impedance-Frequency Characteristics

100 Frequency (MHz)

**Equivalent Circuit** 

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