

# BLL18AG102DBE1H01#

Note: This datasheet may be out of date.

Please download the latest datasheet of BLL18AG102DBE1H01# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=BLL18AG102DBE1H01%20

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









# < List of part numbers with package codes > BLL18AG102DBE1H01A



## **Applications**

Unsuitable	Please be sure to read and comply with
Applications	these "Precautions for use."
	Automotive powertrain/safety equipment,
	Automotive infotainment/comfort
	equipment,Consumer equipment,
	Medical equipment [GHTF A/B/C]
	except for implant & surgery & auto
	injector,Industrial 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	Automotivo novvertrain/aufaty aguinment
Applications	Automotive powertrain/safety equipment



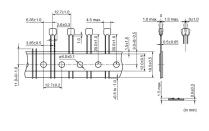
### **Packaging Information**

	Packaging	Specifications	Standard Packing Quantity
	А	Ammo Pack	2000



### Appearance & Shape





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### **Features**

1.BLL18A series is designed to function nearly as a resistor at noise frequencies, which greatly reduces the possibility of resonance and leaves signal wave forms undistorted.

BLL18A series is effective in circuits without stable ground lines because BLL18A series does not need a connection to ground.

- 2.BLL18A series 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.)	0.8Ω
Impedance (at 100MHz)	1000Ω
Impedance (at 100MHz) Tolerance	±40%

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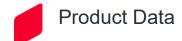
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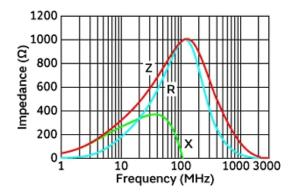
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Impedance-Frequency Characteristics

**Equivalent Circuit** 

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