

Note: This datasheet may be out of date.

Please download the latest datasheet of BLL18AG221A2E1H01# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=BLL18AG221A2E1H01%20

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









< List of part numbers with package codes > BLL18AG221A2E1H01B



Applications

Please be sure to read and comply with			
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			
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.			
Automotive powertrain/safety equipment			
Automotive powertrain/salety equipment			



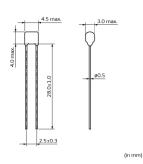
Packaging Information

			Standard
	Packaging	Specifications	Packing
			Quantity
	В	Bulk(Bag)	500



Appearance & Shape





1 of 4

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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.)	0.55Ω	
Impedance (at 100MHz)	220Ω	
Impedance (at 100MHz) Tolerance	±40%	

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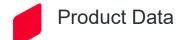


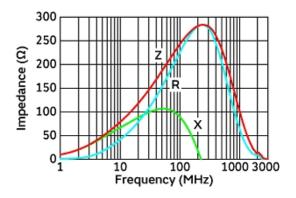
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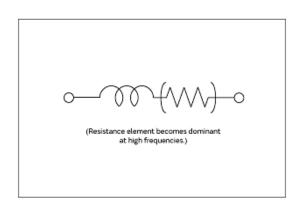
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Impedance-Frequency Characteristics

Equivalent Circuit

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