Note: This datasheet may be out of date. Please download the latest datasheet of BLM21AG601SH1# from the official website of Murata Manufacturing

## BLM21AG601SH1#

"#" indicates a package specification code.

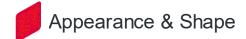








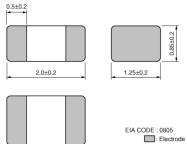
< List of part numbers with package codes > BLM21AG601SH1J BLM21AG601SH1D BLM21AG601SH1B





# Packaging Information





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



Automotive Usage

Powertrain/Safety

1 of 4

### Attention

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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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The chip ferrite beads BLM 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. BLM series is effective in circuits without stable ground lines because BLM series does not need a connection to ground.

The nickel barrier structure of the external electrodes provides excellent solder heat resistance. BLM\_Aseries generates an impedance from the relatively low frequencies. Therefore BLM\_Aseries is effective in noise suppression in a wide frequency range (30MHz to several hundred MHz).

2 of 4

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## BLM21AG601SH1#

"#" indicates a package specification code.



Shape	SMD
Size Code (in mm)	2012
Size Code (in inch)	0805
Length	2.0mm
Length Tolerance	±0.2mm
Width	1.25mm
Width Tolerance	±0.2mm
Thickness	0.85mm
Thickness Tolerance	±0.2mm
Impedance (at 100MHz)	600Ω
Impedance (at 100MHz) Tolerance	±25%
Rated Current (at 85°C)	700mA
Rated Current (at 125°C)	700mA
DC Resistance(max.)	0.2Ω
Operating Temperature Range	-55°C to 125°C
Mass(typ.)	0.01g
Number of Circuit	1

3 of 4

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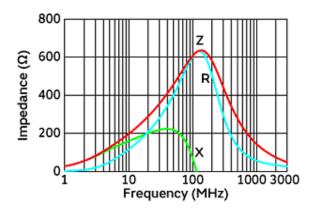


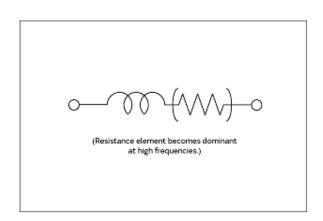
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## BLM21AG601SH1#

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Impedance-Frequency Characteristics

**Equivalent Circuit** 

4 of 4



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