

Product Search Data Sheet

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Please download the latest datasheet of BLM21PG221SH1# from the official website of Murata

http://www.murata.com/en-gb/products/productdetail?partno=BLM21PG221SH1%23

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

BLM21PG221SH1#

In Production AEC-Q200 RoHS REACH

< List of part numbers with package codes > BLM21PG221SH1B BLM21PG221SH1D BLM

BLM21PG221SH1J

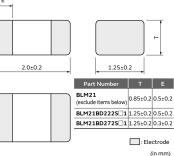


Applications

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 powortrain/cafoty oquipmont	
Applications	Automotive powertrain/safety equipment	

Appearance & Shape







Packaging Information

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



Features

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_P series can be used in high current circuits due to its low DC resistance.

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Attention

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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





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Specifications

Shape	SMD
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
Operating Temperature Range	-55°C to 125°C
Mass(typ.)	0.01g
Number of Circuit	1
Rated Current (at 85°C)	2000mA
Rated Current (at 125°C)	1250mA
DC Resistance(max.)	0.045Ω
Impedance (at 100MHz)	220Ω
Impedance (at 100MHz) Tolerance	±25%
Size Code (in mm)	2012

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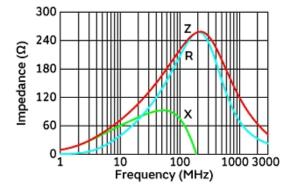
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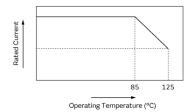
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In operating temperature exceeding +85°C, derating of current is necessary for this series. Please apply the derating curve shown in chart according to the operating temperature.

Derating of Rated Current



Impedance-Frequency Characteristics

Derating of Rated Current

(Resistance element becomes dominant at high frequencies.)

no polarity

Equivalent Circuit

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