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

BLM15PX121BH1#









< List of part numbers with package codes >

BLM15PX121BH1B

BLM15PX121BH1D

BLM15PX121BH1J

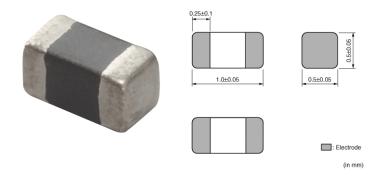


Applications

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 powartrain/cafety equipment		
Applications	Automotive powertrain/safety equipment		



Appearance & Shape





Packaging Information

Packaging	Specifications	Standard Packing Quantity
В	Bulk(Bag)	1000
D	180mm Paper Tape	10000
J	330mm Paper Tape	50000



Features

1. 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.

2. The nickel barrier structure of the external electrodes provides excellent solder heat resistance. 3.BLM15PX series can be used in high current circuits due to its low DC resistance. It can match power lines to a maximum of 3ADC.

1 of 3

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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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Specifications

Shape	SMD
Size Code (in inch)	0402
Length	1.0mm
Length Tolerance	±0.05mm
Width	0.5mm
Width Tolerance	±0.05mm
Thickness	0.5mm
Thickness Tolerance	±0.05mm
Operating Temperature Range	-55°C to 150°C
Mass(typ.)	0.001g
Number of Circuit	1
Rated Current (at 85°C)	2000mA
Rated Current (at 125°C)	1100mA
Rated Current (at 150°C)	10mA
DC Resistance(max.)	0.055Ω
Impedance (at 100MHz)	120Ω
Impedance (at 100MHz) Tolerance	±25%
Size Code (in mm)	1005

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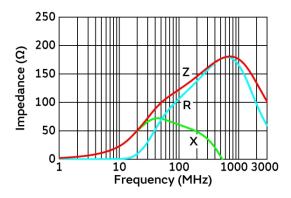
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http://www.murata.com/en-sg/products/productdetail?partno=BLM15PX121BH1%2

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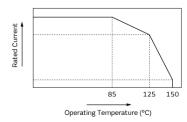




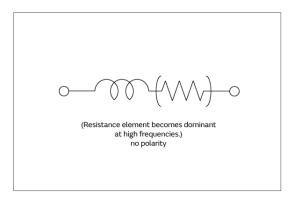
In operating temperature exceeding +85°C, derating of current is necessary for this series.

Please apply the derating curve shown in chart according to the operating temperature.

Derating of Rated Current



Impedance-Frequency Characteristics



Derating of Rated Current

Equivalent Circuit

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