

# BLE32PN300SH1#

Note: This datasheet may be out of date.

Please download the latest datasheet of BLE32PN300SH1# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=BLE32PN300SH1%23

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









< List of part numbers with package codes >

BLE32PN300SH1B

BLE32PN300SH1K

BLE32PN300SH1L



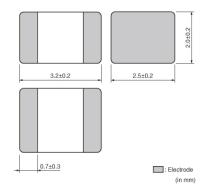
### **Applications**

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	Automotive powertrain/safety equipment	
Applications		



### Appearance & Shape







### **Packaging Information**

Packaging	Specifications	Standard Packing Quantity
В	Bulk(Bag)	1000
K	330mm Embossed Tape	7000
L	180mm Embossed Tape	1500



#### **Features**

- 1.Bead inductor BLE 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.
- 2.The nickel barrier structure of the external electrodes provides excellent solder heat resistance.
- 3.BLE32PN series can be used in high current circuits due to its low DC resistance. It can match power lines to a maximum of 10ADC.

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2. This datasheet has only typical specifications because there is no space for detailed specifications.

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# **Specifications**

Shape	SMD
Size Code (in inch)	1210
Length	3.2mm
Length Tolerance	±0.2mm
Width	2.5mm
Width Tolerance	±0.2mm
Thickness	2.0mm
Thickness Tolerance	±0.2mm
Operating Temperature Range	-55°C to 125°C
Mass(typ.)	0.08g
Number of Circuit	1
Rated Current (at 85°C)	10A
Rated Current (at 125°C)	10A
DC Resistance(max.)	1.6mΩ
Impedance (at 100MHz)	30Ω
Impedance (at 100MHz) Tolerance	±10Ω
Size Code (in mm)	3225

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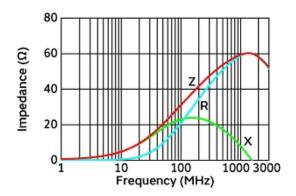
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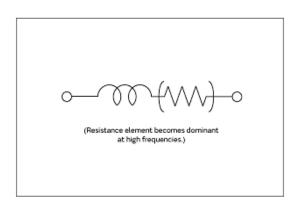
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Impedance-Frequency Characteristics

**Equivalent Circuit** 

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