

Note: This datasheet may be out of date.

Please download the latest datasheet of BLE32PN300SZ1# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=BLE32PN300SZ1%23

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









< List of part numbers with package codes >

BLE32PN300SZ1B

BLE32PN300SZ1K

BLE32PN300SZ1L



Applications

Unsuitable	Please be sure to read and comply with
Applications	these "Precautions for use."
Applications Specific Applications	these "Precautions for use." Automotive infotainment/comfort equipment, Consumer equipment, Medical equipment [GHTF A/B/C] except for implant & surgery & auto injector, Industrial equipment except for transportation & facility & energy 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.
Recommended	Automotive infotainment/comfort
Applications	equipment



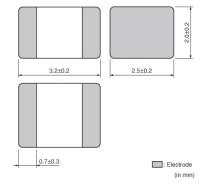
Packaging Information

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



Appearance & Shape





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 $2. This \ data{sheet has only typical specifications because there is no \ space for \ detailed \ specifications.}$





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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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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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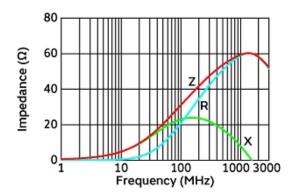
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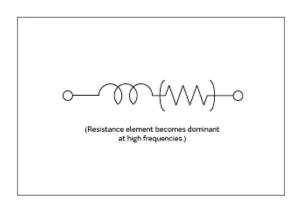
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Impedance-Frequency Characteristics

Equivalent Circuit

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