

BLE32PN300SZ1#

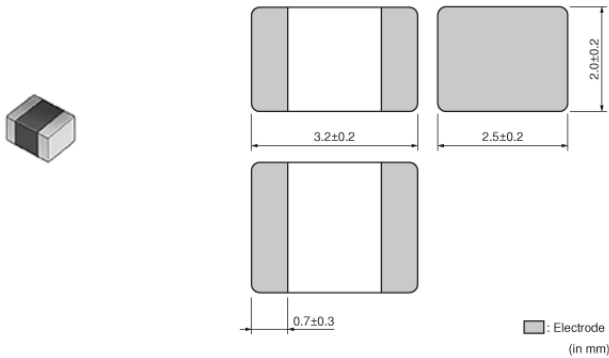
“#” indicates a package specification code.



< List of part numbers with package codes >

BLE32PN300SZ1L BLE32PN300SZ1K BLE32PN300SZ1B

Appearance & Shape



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.

Applications

Automotive Usage	Infotainment
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Packaging Information

Packaging	Specifications	Minimum Order Quantity
L	180mm Embossed Tape	1500
K	330mm Embossed Tape	7000
B	Bulk(Bag)	1000

Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued 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 mm)	3225
Length	3.2mm
Length Tolerance	±0.2mm
Width	2.5mm
Width Tolerance	±0.2mm
Thickness	2.0mm
Thickness Tolerance	±0.2mm
Impedance (at 100MHz)	30Ω
Impedance (at 100MHz) Tolerance	±10Ω
Rated Current (at 85°C)	10A
Rated Current (at 125°C)	10A
DC Resistance(max.)	1.6mΩ
Operating Temperature Range	-55°C to 125°C
Mass(typ.)	0.08g
Number of Circuit	1

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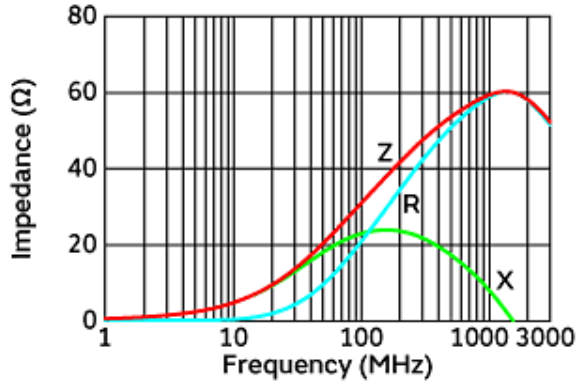
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Product Data



Impedance-Frequency Characteristics



Equivalent Circuit

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