Note: This datasheet may be out of date.
Please download the latest datasheet of BLM03PG220SZ1# from the official website of Murata Manufacturing Co., Ltd.
https://www.murata.com/en-global/products/productdetail?partno=BLM03PG220SZ1%23

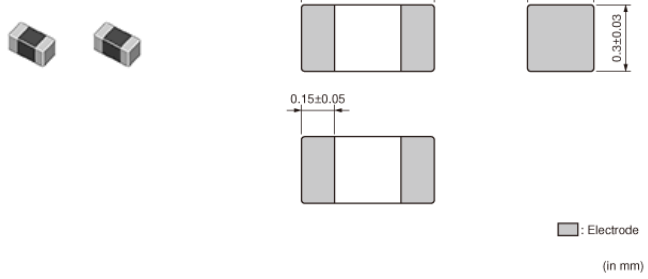
# BLM03PG220SZ1#

"#" indicates a package specification code.

In Production | RoHS | REACH | AEC-Q200

< List of part numbers with package codes >
BLM03PG220SZ1D BLM03PG220SZ1J BLM03PG220SZ1B

## Appearance & Shape




## 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.BLM_P series can be used in high current circuits due to its low DC resistance. It can match power lines to a maximum of 6ADC.

## Applications

| | |
|---|---|
| Automotive Usage | Infotainment |

## Packaging Information

| Packaging | Specifications | Minimum Order Quantity |
|---|---|---|
| D | 180mm Paper Tape | 15000 |
| J | 330mm Paper Tape | 50000 |
| 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.

Note: This datasheet may be out of date.
Please download the latest datasheet of BLM03PG220SZ1# from the official website of Murata Manufacturing Co., Ltd.
https://www.murata.com/en-global/products/productdetail?partno=BLM03PG220SZ1%23

# BLM03PG220SZ1#

"#" indicates a package specification code.

## Specifications

| | |
|---|---|
| Shape | SMD |
| Size Code (in mm) | 0603 |
| Size Code (in inch) | 0201 |
| Length | 0.6mm |
| Length Tolerance | ±0.03mm |
| Width | 0.3mm |
| Width Tolerance | ±0.03mm |
| Thickness | 0.3mm |
| Thickness Tolerance | ±0.03mm |
| Impedance (at 100MHz) | 22Ω |
| Impedance (at 100MHz) Tolerance | ±25% |
| Rated Current (at 85℃) | 900mA |
| Rated Current (at 125℃) | 900mA |
| DC Resistance(max.) | 0.065Ω |
| Operating Temperature Range | -55℃ to 125℃ |
| Mass(typ.) | 0.0003g |
| Number of Circuit | 1 |

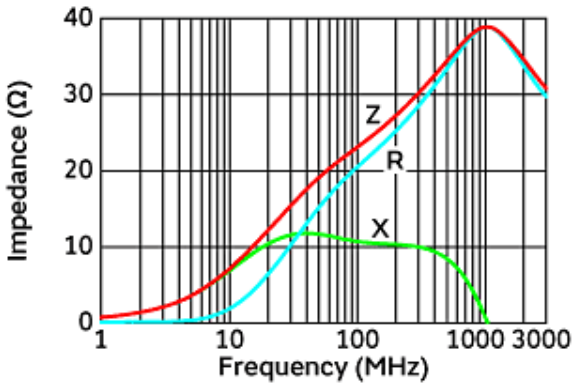


**Attention**
1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
2.This 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.

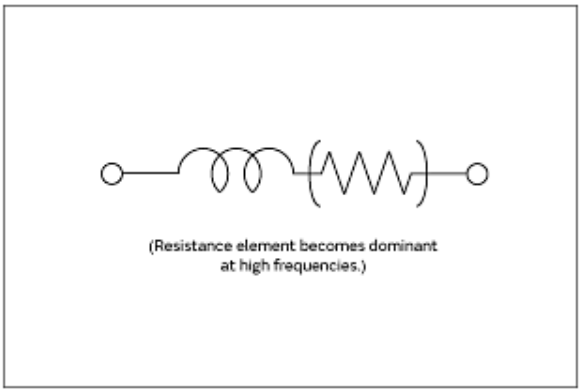
# BLM03PG220SZ1#

"#" indicates a package specification code.

## Product Data




Impedance-Frequency Characteristics




Equivalent Circuit



**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.