

# BLM15HD182SZ1#

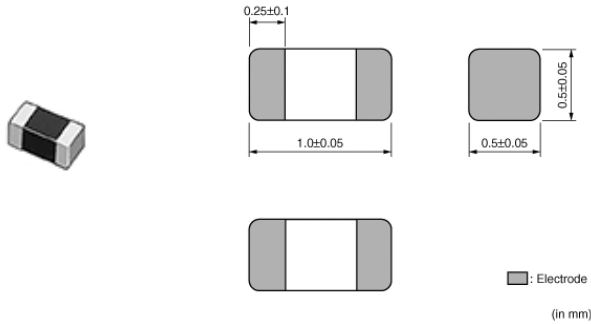
“#” indicates a package specification code.



## < List of part numbers with package codes >

BLM15HD182SZ1B      BLM15HD182SZ1D      BLM15HD182SZ1J

## Appearance & Shape



## Packaging Information

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

## Features

Excellent high frequency impedance characteristics with 0402 (EIA) size.

Features (BLM15HG/HD/EG Series)

1. Small size: 1.0x0.5mm (0402)
2. Suitable for noise suppression in 1GHz or higher frequency.
3. Low DC Resistance/Large Rated Current. (BLM15E)
4. No Lead production using Ni+Sn plating in termination.

## Applications

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

### Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its 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 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 125°C |
| Mass(typ.)                      | 0.001g         |
| Number of Circuit               | 1              |
| Rated Current (at 85°C)         | 200mA          |
| Rated Current (at 125°C)        | 200mA          |
| DC Resistance(max.)             | 2.2Ω           |
| Impedance (at 100MHz)           | 1800Ω          |
| Impedance (at 100MHz) Tolerance | ±25%           |
| Impedance (at 1GHz)             | 2700Ω          |
| Impedance (at 1GHz) Tolerance   | ±40%           |
| Size Code (in mm)               | 1005           |

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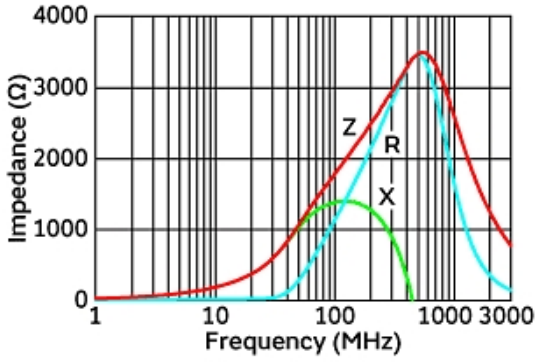
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## Product Data



Impedance-Frequency Characteristics

Equivalent Circuit

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