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# BLM21HE802SN1#

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

In Production RoHS REACH

< List of part numbers with package codes >

BLM21HE802SN1B BLM21HE802SN1K BLM21HE802SN1L

## Applications

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

## Packaging Information

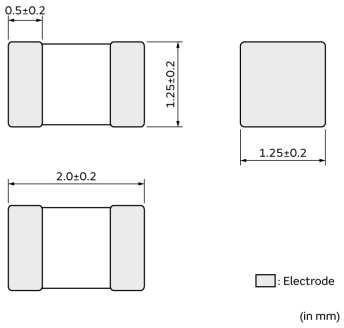
| Packaging | Specifications | Standard Packing Quantity |
|---|---|---|
| B | Bulk(Bag) | 1000 |
| K | 330mm Embossed Tape | 10000 |
| L | 180mm Embossed Tape | 3000 |

## Features

1. Applying some improvement to BLM18H series, it realizes high impedance characteristics at several tens of MHz to several GHz and is suitable for wideband noise removal.
2. Low DC Resistance and a large Rated Current are suitable for noise suppression of the driver circuit.
3. The magnetic shielded structure minimizes crosstalk.

## Appearance & Shape








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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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# BLM21HE802SN1#

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

## Specifications

| | |
|---|---|
| Shape | SMD |
| Size Code (in inch) | 0805 |
| Length | 2.0mm |
| Length Tolerance | ±0.2mm |
| Width | 1.25mm |
| Width Tolerance | ±0.2mm |
| Thickness | 1.25mm |
| Thickness Tolerance | ±0.2mm |
| Operating Temperature Range | -55℃ to 125℃ |
| Mass(typ.) | 0.0098g |
| Number of Circuit | 1 |
| Rated Current (at 85℃) | 650mA |
| Rated Current (at 125℃) | 500mA |
| DC Resistance(max.) | 0.7Ω |
| Impedance (at 100MHz) | 8000Ω |
| Impedance (at 100MHz) Tolerance | ±25% |
| Impedance (at 1GHz) | 850Ω |
| Impedance (at 1GHz) Tolerance | ±40% |
| Size Code (in mm) | 2012 |



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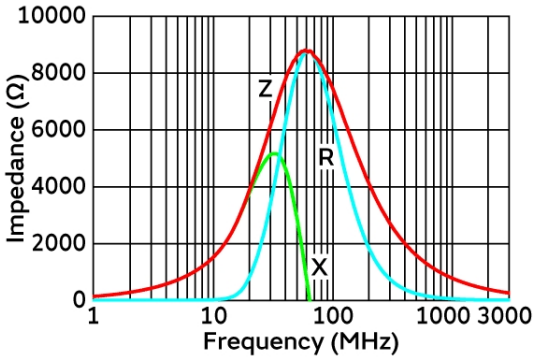
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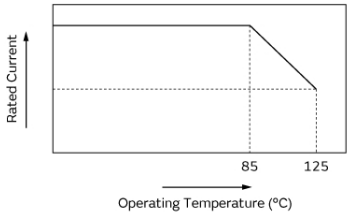
## Product Data



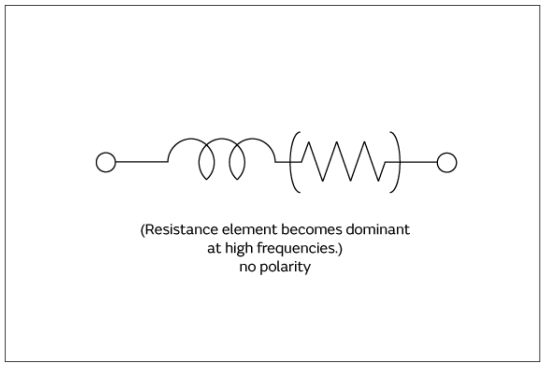

Impedance-Frequency Characteristics

In operating temperature exceeding +85°C, derating of current is necessary for this series.
Please apply the derating curve shown in chart according to the operating temperature.

Derating of Rated Current




Derating of Rated Current




Equivalent Circuit



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