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Please download the latest datasheet of BLM21HE472SN1# from the official website of Murata

http://www.murata.com/en-us/products/productdetail?partno=BLM21HE472SN1%23

BLM21HE472SN1#

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

In Production RoHS REACH

< List of part numbers with package codes >

BLM21HE472SN1B BLM21HE472SN1K BLM21HE472SN1L

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 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

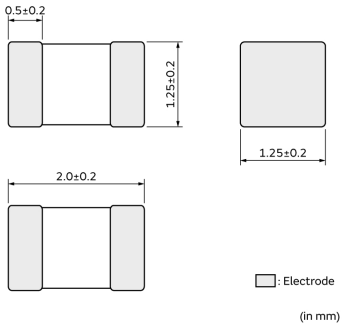
Packaging	Specifications	Standard Packing Quantity
B	Bulk(Bag)	1000
K	330mm Embossed Tape	10000
L	180mm Embossed Tape	3000

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





Attention
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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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BLM21HE472SN1#

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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℃)	850mA
Rated Current (at 125℃)	600mA
DC Resistance(max.)	0.4Ω
Impedance (at 100MHz)	4700Ω
Impedance (at 100MHz) Tolerance	±25%
Impedance (at 1GHz)	750Ω
Impedance (at 1GHz) Tolerance	±40%
Size Code (in mm)	2012

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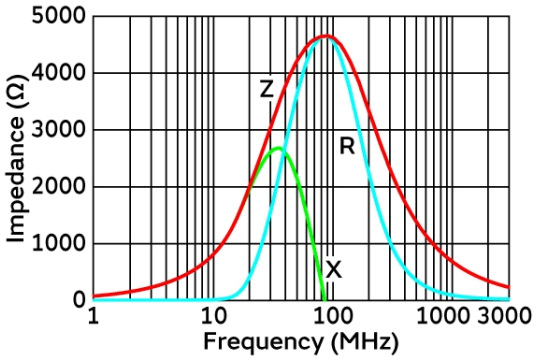
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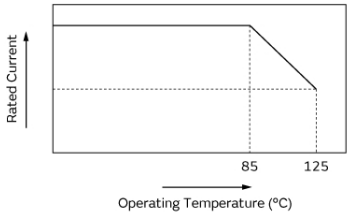
Product Data



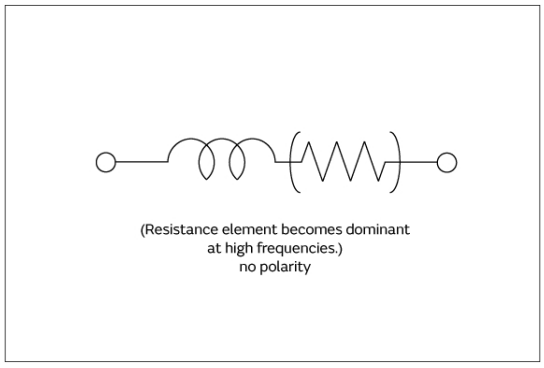
Impedance-Frequency Characteristics

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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