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http://www.murata.com/en-us/products/productdetail?partno=BLM21HE802SH1%23

BLM21HE802SH1#

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

In Production | AEC-Q200 | RoHS | REACH

< List of part numbers with package codes >

BLM21HE802SH1B BLM21HE802SH1K BLM21HE802SH1L

Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment,Medical equipment [GHTF A/B/C] except for implant & surgery & auto injector 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	Automotive powertrain/safety equipment

Packaging Information

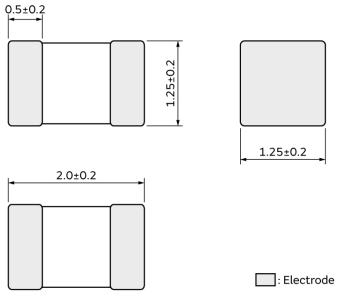
Packaging	Specifications	Standard Packing Quantity
B	Bulk(Bag)	1000
K	330mm Embossed Tape	10000
L	180mm Embossed Tape	3000

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
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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BLM21HE802SH1#

"#"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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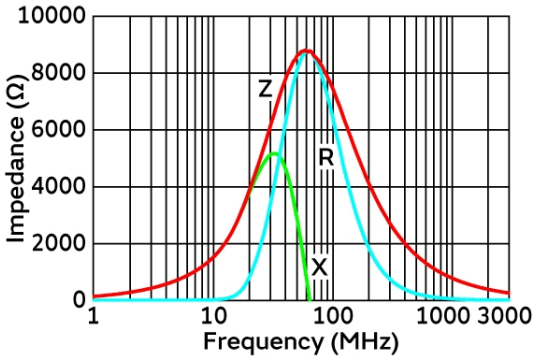
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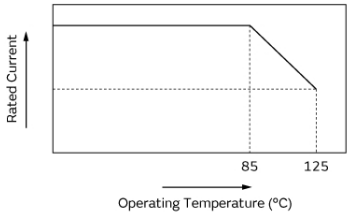
Product Data



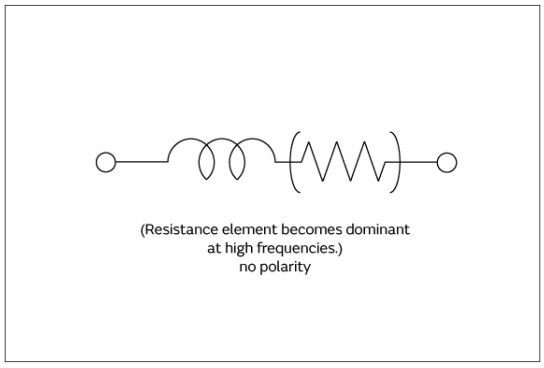
Impedance-Frequency Characteristics

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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