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BLM15PX800SZ1#

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

In Production | AEC-Q200 | RoHS | REACH

< List of part numbers with package codes >

BLM15PX800SZ1B BLM15PX800SZ1D BLM15PX800SZ1J

Applications

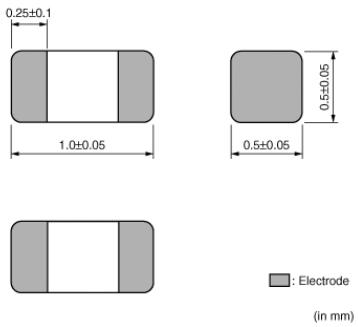
Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Automotive infotainment/comfort equipment,Consumer equipment, Medical equipment [GHTF A/B/C] except for implant & surgery & auto injector,Industrial equipment except for transportation &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

Packaging Information

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

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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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.

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BLM15PX800SZ1#

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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℃ to 125℃
Mass(typ.)	0.001g
Number of Circuit	1
Rated Current (at 85℃)	2300mA
Rated Current (at 125℃)	1300mA
DC Resistance(max.)	0.038Ω
Impedance (at 100MHz)	80Ω
Impedance (at 100MHz) Tolerance	±25%
Size Code (in mm)	1005

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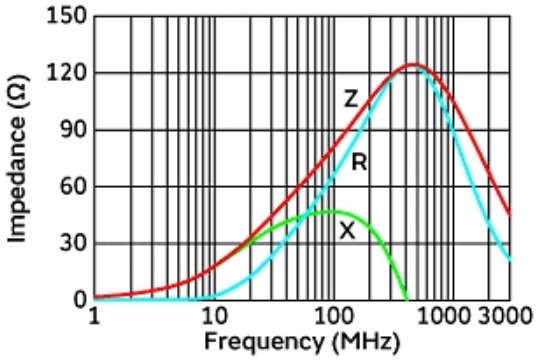
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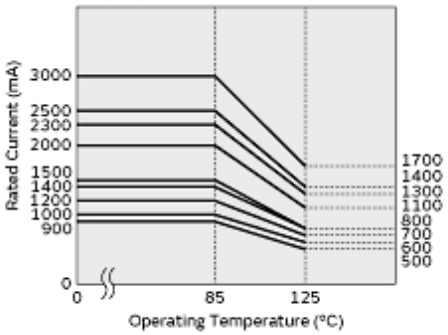
Product Data



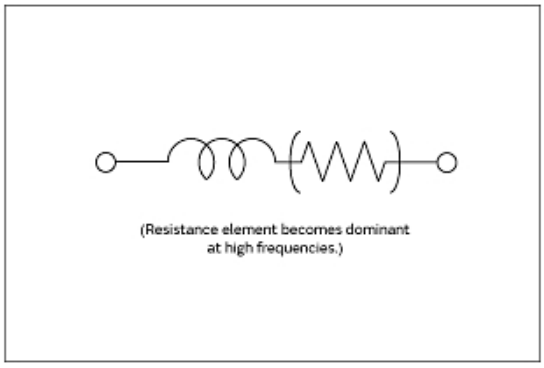
Impedance-Frequency Characteristics

In operating temperature exceeding +85°C, derating of current is necessary for BLM15PX 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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