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Product Search Data Sheet

BLM15PX600SZ1#

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In Production

BLM15PX600SZ1#

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AEC-Q200 RoHS REACH

BLM15PX600SZ1B,BLM15PX600SZ1D,BLM15PX600SZ1J

Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use".
Specific Applications	Automotive infotainment/comfort equipment,Consumer equipment,Industrial equipment except for transportation & facility & energy 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 infotainment/comfort equipment

Attention

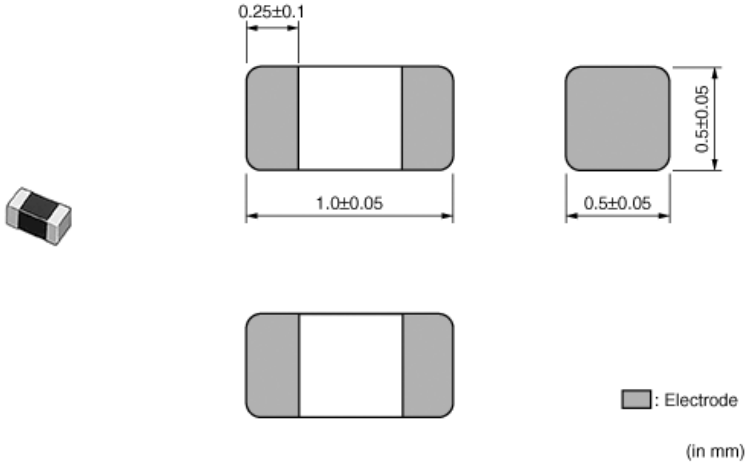
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Appearance & Shape



Length	1mm ±0.05mm
Width	0.5mm ±0.05mm
Thickness	0.5mm ±0.05mm
Size code in mm(inch)	1005/0402
Shape	SMD

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Specifications

Operating Temperature	-55 ~ 125℃
Number of Circuit	1
Rated Current (at 85℃)	2,500mA
Rated Current (at 125℃)	1,400mA
DC Resistance(max.)	0.032Ω
Impedance (at 100MHz)	60Ω ±25%

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 6A DC.

References

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

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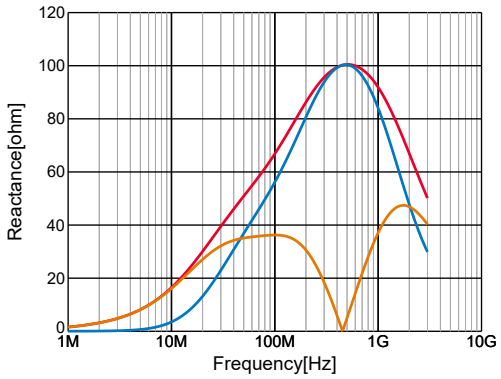
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BLM15PX600SZ1#

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

Frequency Characteristic

周波数特性(|Z|+R+|X|)



BLM15PX600SZ1#,|Z|,DCR=0.032ohm, Rated Current=2500mA

BLM15PX600SZ1#,R,DCR=0.032ohm, Rated Current=2500mA

BLM15PX600SZ1#,|X|,DCR=0.032ohm, Rated Current=2500mA

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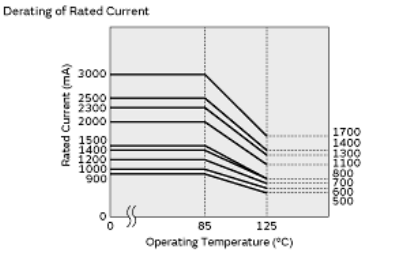
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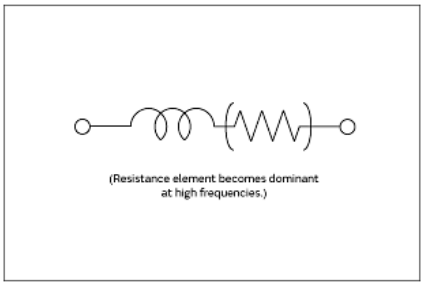
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Product Data

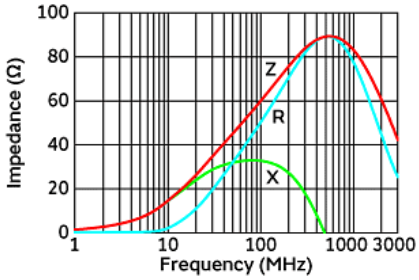
In operating temperature exceeding +85°C, derating of current is necessary for BLM15PX series.
Please apply the derating curve shown in chart according to the operating temperature.



Derating of Rated Current



Equivalent Circuit



Impedance-Frequency Characteristics

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