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Product Search Data Sheet

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In Production

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AEC-Q200 RoHS REACH

BLM03HD331SZ1B,BLM03HD331SZ1D,BLM03HD331SZ1J

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

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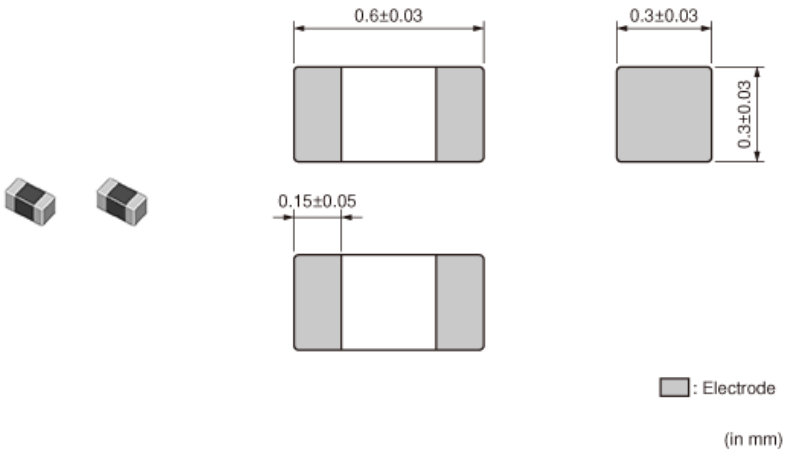
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Appearance & Shape



Length	0.6mm ±0.03mm
Width	0.3mm ±0.03mm
Thickness	0.3mm ±0.03mm
Size code in mm(inch)	0603/0201
Shape	SMD

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Specifications

Operating Temperature	-55 ~ 125℃
Number of Circuit	1
Rated Current (at 125℃)	200mA
DC Resistance(max.)	1Ω
Impedance (at 100MHz)	330Ω ±25%
Impedance (at 1GHz)	750Ω ±40%

Features

1. Horizontal winding inner coil structure enables low storage capacitance which result to high noise suppression performance up to 1GHz frequency range.
2. The small size of BLM03H series (0.6x0.3mm) is suitable for noise suppression in small equipment such as cellular phones.

References

Packaging	Specifications	Standard Packing Quantity
B	Bulk(Bag)	1000
D	180mm Paper Tape	15000
J	330mm Paper Tape	50000

Mass(Typ.)	
1 piece	0.3mg

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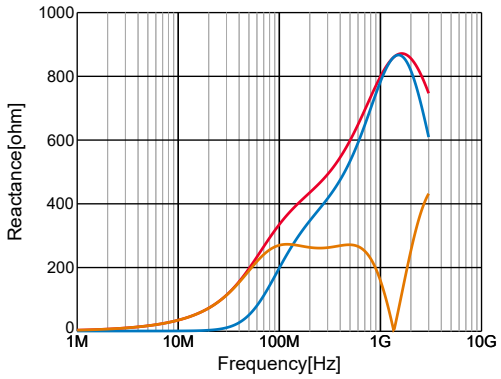
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Frequency Characteristic

周波数特性(|Z|+R+|X|)



BLM03HD331SZ1#,|Z|,DCR=1ohm, Rated Current=200mA

BLM03HD331SZ1#,R,DCR=1ohm, Rated Current=200mA

BLM03HD331SZ1#,|X|,DCR=1ohm, Rated Current=200mA

Attention

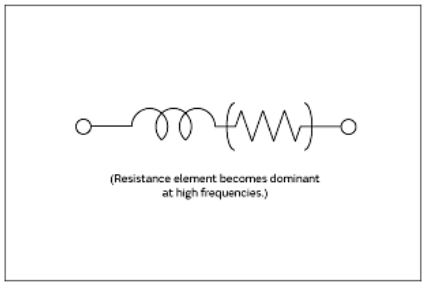
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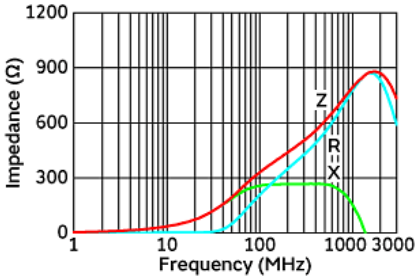
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Product Data



Equivalent Circuit



Impedance-Frequency Characteristics

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