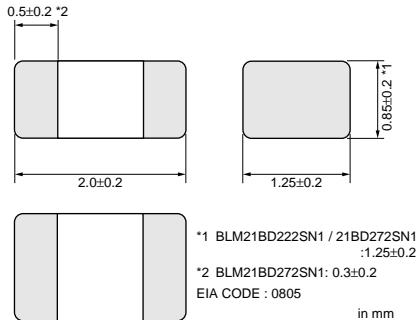


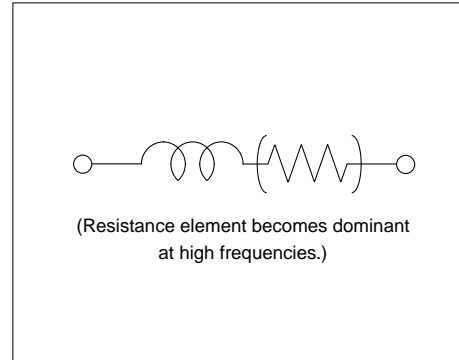
# Chip EMIFIL® Inductor Type Chip Ferrite Beads

## BLM21B Series (0805 Size)

### Dimension



### Equivalent Circuit



### Packaging

Code	Packaging	Minimum Quantity
D	180mm Paper Tape	4000
J	330mm Paper Tape	10000
B	Bulk(Bag)	1000

• Only applied to BLM21BD222SN1/21BD272SN1

Code	Packaging	Minimum Quantity
L	180mm Plastic Tape	3000
K	330mm Plastic Tape	10000
B	Bulk(Bag)	1000

### Rated Value (□: packaging code)

Part Number	Impedance (at 100MHz/20°C)	Impedance (at 1GHz/20°C)	Rated Current	DC Resistance(max.)	Operating Temperature Range	Number of Circuits
BLM21BB050SN1□	5ohm±25%	-	500mA	0.07ohm	-55°C to +125°C	1
BLM21BB600SN1□	60ohm±25%	-	200mA	0.20ohm	-55°C to +125°C	1
BLM21BB750SN1□	75ohm±25%	-	200mA	0.25ohm	-55°C to +125°C	1
BLM21BB121SN1□	120ohm±25%	-	200mA	0.25ohm	-55°C to +125°C	1
BLM21BD121SN1□	120ohm±25%	-	200mA	0.25ohm	-55°C to +125°C	1
BLM21BB151SN1□	150ohm±25%	-	200mA	0.25ohm	-55°C to +125°C	1
BLM21BD151SN1□	150ohm±25%	-	200mA	0.25ohm	-55°C to +125°C	1
BLM21BB201SN1□	200ohm±25%	-	200mA	0.35ohm	-55°C to +125°C	1
BLM21BB221SN1□	220ohm±25%	-	200mA	0.35ohm	-55°C to +125°C	1
BLM21BD221SN1□	220ohm±25%	-	200mA	0.25ohm	-55°C to +125°C	1
BLM21BB331SN1□	330ohm±25%	-	200mA	0.40ohm	-55°C to +125°C	1
BLM21BD331SN1□	330ohm±25%	-	200mA	0.30ohm	-55°C to +125°C	1
BLM21BD421SN1□	420ohm±25%	-	200mA	0.30ohm	-55°C to +125°C	1
BLM21BB471SN1□	470ohm±25%	-	200mA	0.45ohm	-55°C to +125°C	1
BLM21BD471SN1□	470ohm±25%	-	200mA	0.35ohm	-55°C to +125°C	1
BLM21BD601SN1□	600ohm±25%	-	200mA	0.35ohm	-55°C to +125°C	1
BLM21BD751SN1□	750ohm±25%	-	200mA	0.40ohm	-55°C to +125°C	1
BLM21BD102SN1□	1000ohm±25%	-	200mA	0.40ohm	-55°C to +125°C	1
BLM21BD152SN1□	1500ohm±25%	-	200mA	0.45ohm	-55°C to +125°C	1

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● This data sheet is applied for CHIP FERRITE BEAD used for General Electronics equipment for your design.

### Note:

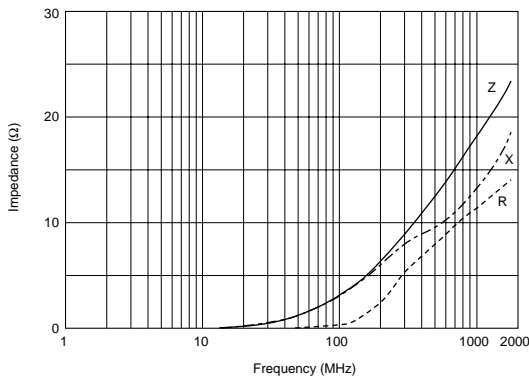
- This datasheet is downloaded from the website of Murata Manufacturing co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
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Part Number	Impedance (at 100MHz/20°C)	Impedance (at 1GHz/20°C)	Rated Current	DC Resistance(max.)	Operating Temperature Range	Number of Circuits
BLM21BD182SN1□	1800ohm±25%	-	200mA	0.50ohm	-55°C to +125°C	1
BLM21BD222TN1□	2200ohm±25%	-	200mA	0.60ohm	-55°C to +125°C	1
BLM21BD222SN1□	2250ohm(Typ.)	-	200mA	0.60ohm	-55°C to +125°C	1
BLM21BD272SN1□	2700ohm±25%	-	200mA	0.80ohm	-55°C to +125°C	1

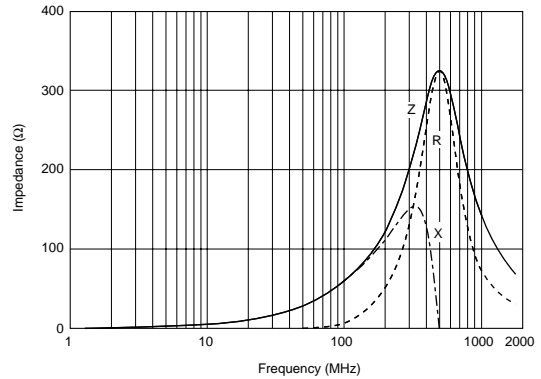
■ Impedance-Frequency Characteristics

BLM21BB050SN1



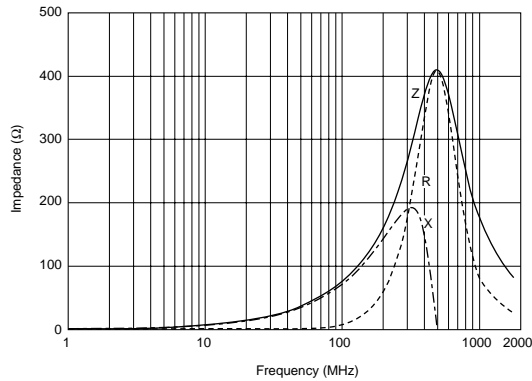
■ Impedance-Frequency Characteristics

BLM21BB600SN1



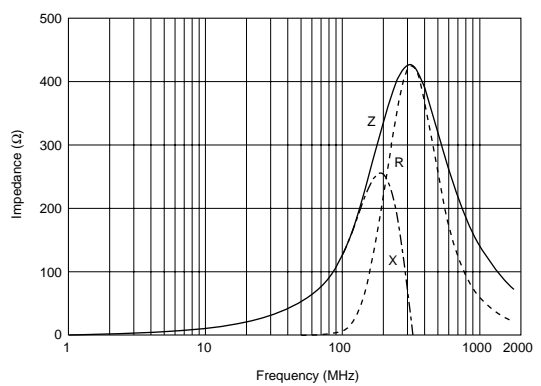
■ Impedance-Frequency Characteristics

BLM21BB750SN1



■ Impedance-Frequency Characteristics

BLM21BB121SN1



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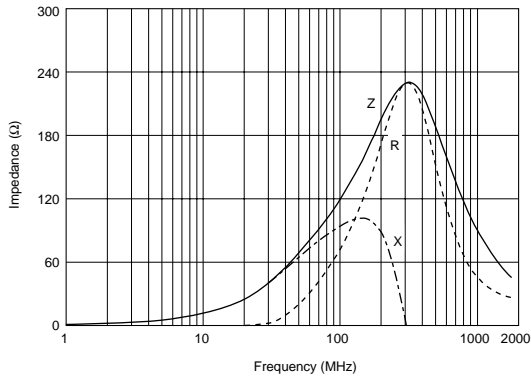
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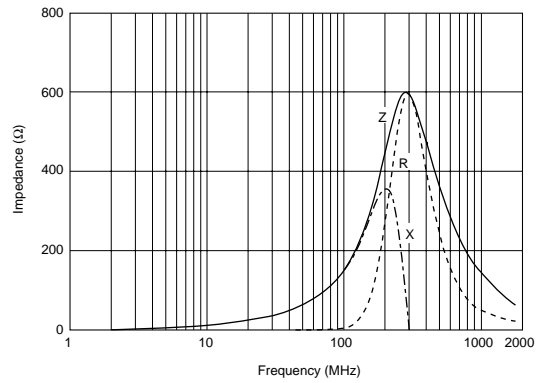
■ Impedance-Frequency Characteristics

BLM21BD121SN1



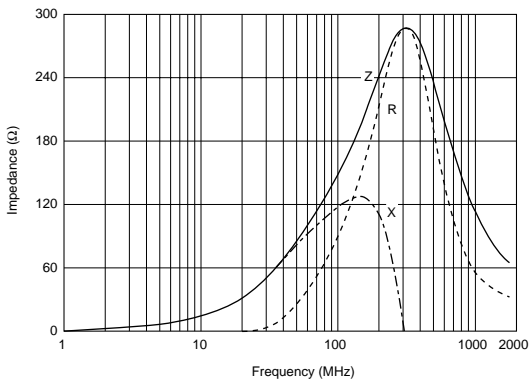
■ Impedance-Frequency Characteristics

BLM21BB151SN1



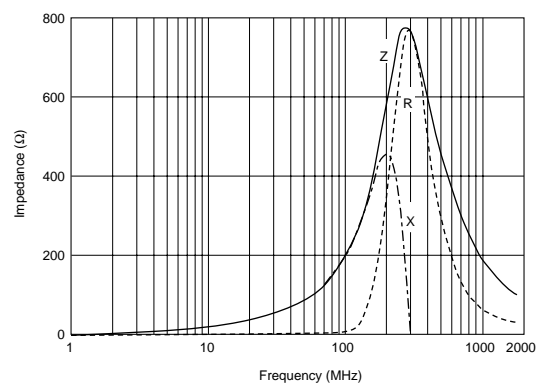
■ Impedance-Frequency Characteristics

BLM21BD151SN1



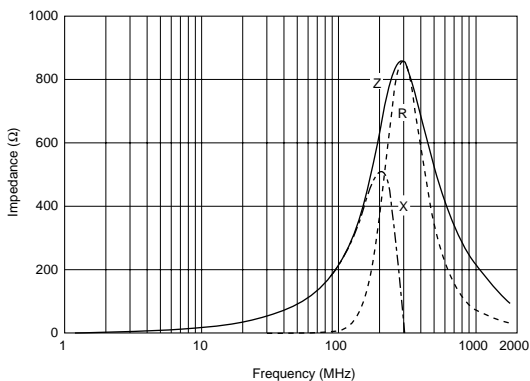
■ Impedance-Frequency Characteristics

BLM21BB201SN1



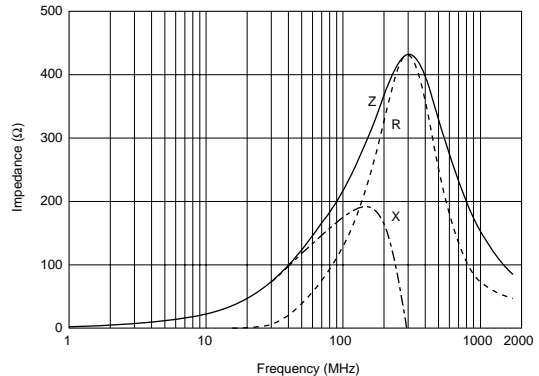
■ Impedance-Frequency Characteristics

BLM21BB221SN1



■ Impedance-Frequency Characteristics

BLM21BD221SN1



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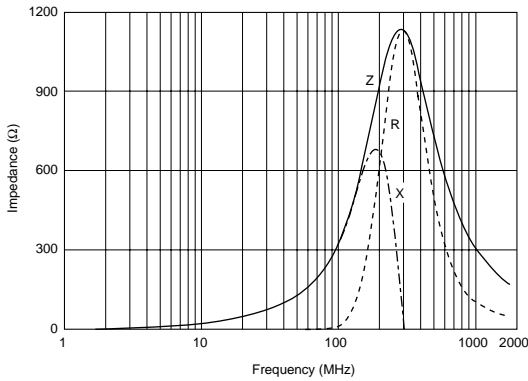
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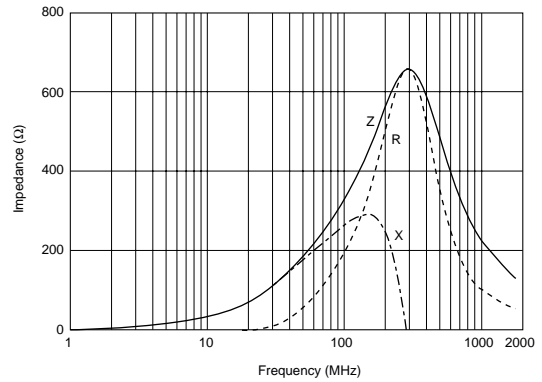
■ Impedance-Frequency Characteristics

BLM21BB331SN1



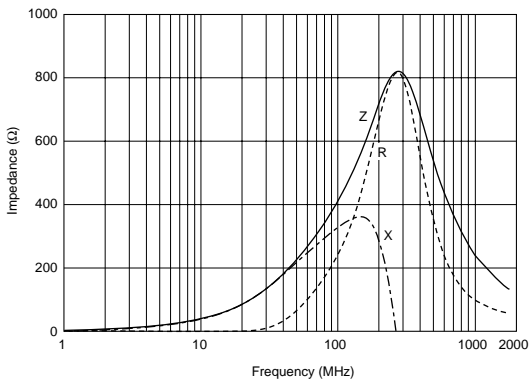
■ Impedance-Frequency Characteristics

BLM21BD331SN1



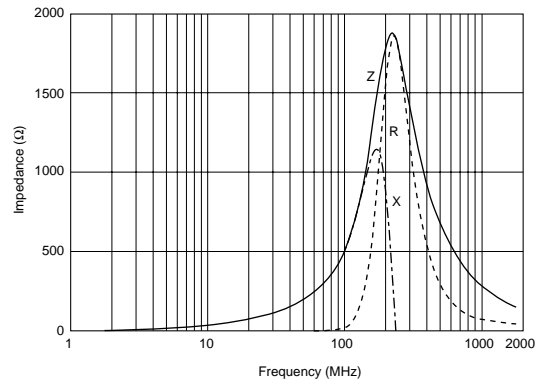
■ Impedance-Frequency Characteristics

BLM21BD421SN1



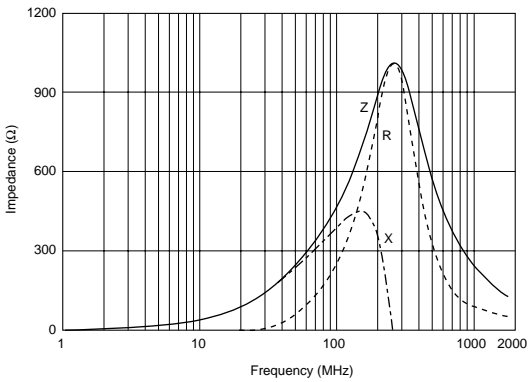
■ Impedance-Frequency Characteristics

BLM21BB471SN1



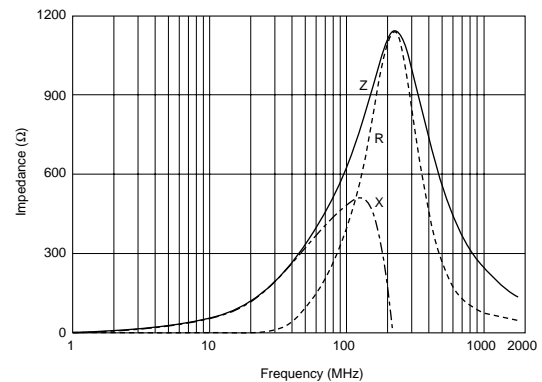
■ Impedance-Frequency Characteristics

BLM21BD471SN1



■ Impedance-Frequency Characteristics

BLM21BD601SN1



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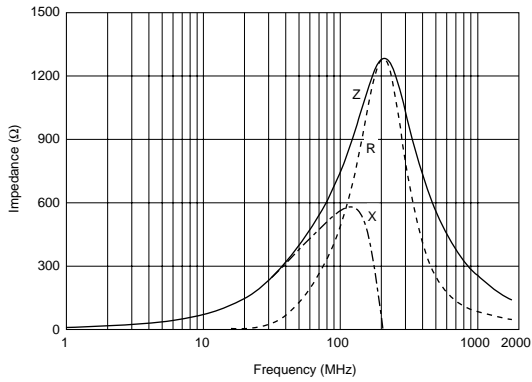
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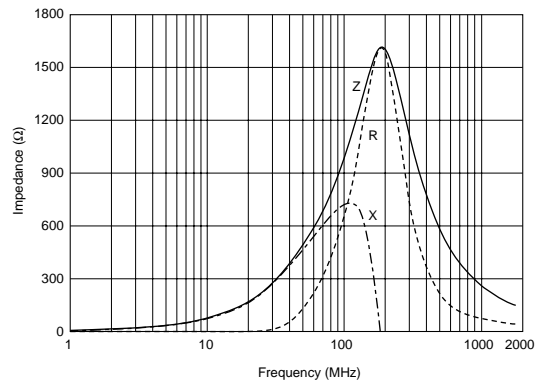
■ Impedance-Frequency Characteristics

**BLM21BD751SN1**



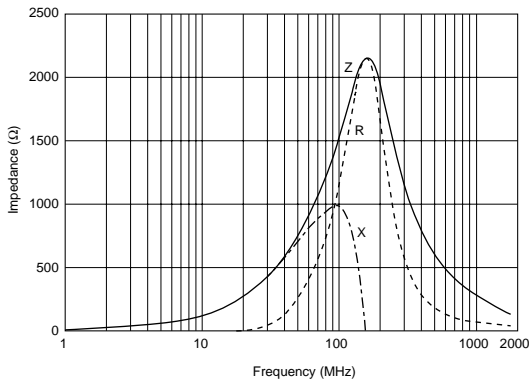
■ Impedance-Frequency Characteristics

**BLM21BD102SN1**



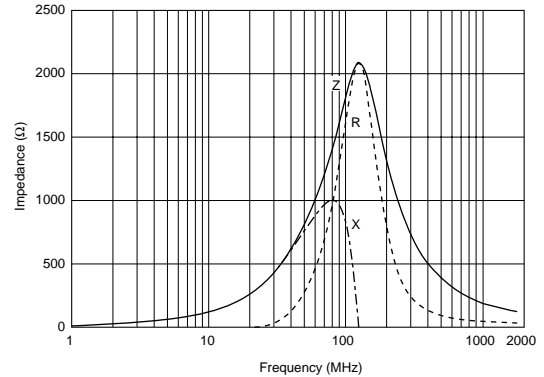
■ Impedance-Frequency Characteristics

**BLM21BD152SN1**



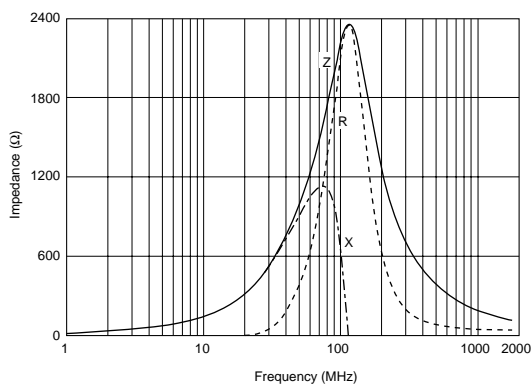
■ Impedance-Frequency Characteristics

**BLM21BD182SN1**



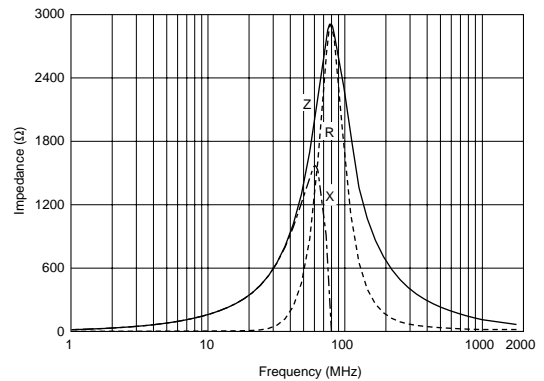
■ Impedance-Frequency Characteristics

**BLM21BD222TN1**



■ Impedance-Frequency Characteristics

**BLM21BD222SN1**



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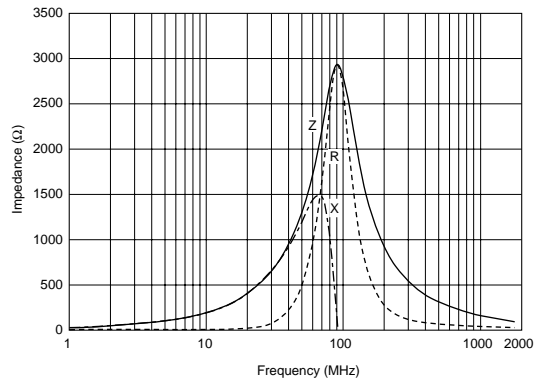
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## Impedance-Frequency Characteristics

### BLM21BD272SN1



## Caution/Notice

### Caution (Rating)

Do not use products beyond the rated current and rated voltage as this may create excessive heat and deteriorate the insulation resistance.

### Notice

Solderability of Tin plating termination chip might be deteriorated when low temperature soldering profile where peak solder temperature is below the Tin melting point is used. Please confirm the solderability of Tin plating termination chip before use.

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