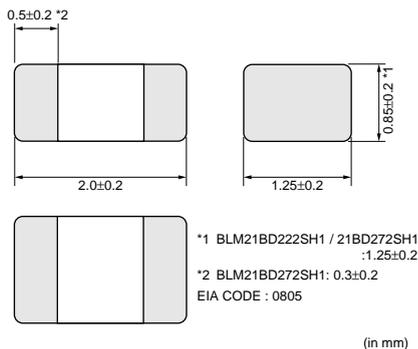


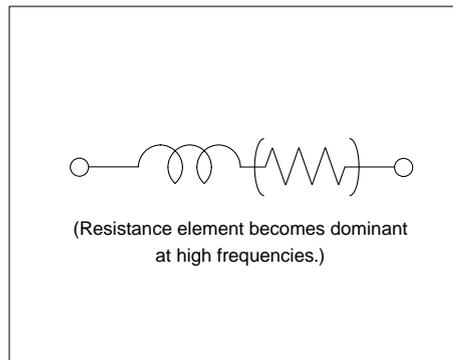
For Automotive Chip Ferrite Bead for Automotive

BLM21B Series (0805 Size)

■ Dimensions



■ Equivalent Circuit



■ Packaging

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

• Only applied to BLM21BD222SH1/21BD272SH1

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
BLM21BD121SH1□	120ohm±25%	-	200mA	0.25ohm	-55°C to +125°C
BLM21BD151SH1□	150ohm±25%	-	200mA	0.25ohm	-55°C to +125°C
BLM21BD221SH1□	220ohm±25%	-	200mA	0.25ohm	-55°C to +125°C
BLM21BD331SH1□	330ohm±25%	-	200mA	0.30ohm	-55°C to +125°C
BLM21BD421SH1□	420ohm±25%	-	200mA	0.30ohm	-55°C to +125°C
BLM21BD471SH1□	470ohm±25%	-	200mA	0.35ohm	-55°C to +125°C
BLM21BD601SH1□	600ohm±25%	-	200mA	0.35ohm	-55°C to +125°C
BLM21BD751SH1□	750ohm±25%	-	200mA	0.40ohm	-55°C to +125°C
BLM21BD102SH1□	1000ohm±25%	-	200mA	0.40ohm	-55°C to +125°C
BLM21BD152SH1□	1500ohm±25%	-	200mA	0.45ohm	-55°C to +125°C
BLM21BD182SH1□	1800ohm±25%	-	200mA	0.50ohm	-55°C to +125°C
BLM21BD222TH1□	2200ohm±25%	-	200mA	0.60ohm	-55°C to +125°C
BLM21BD222SH1□	2250ohm(Typ.)	-	200mA	0.60ohm	-55°C to +125°C
BLM21BD272SH1□	2700ohm±25%	-	200mA	0.80ohm	-55°C to +125°C
BLM21BB050SH1□	5ohm±25%	-	500mA	0.07ohm	-55°C to +125°C
BLM21BB600SH1□	60ohm±25%	-	200mA	0.20ohm	-55°C to +125°C
BLM21BB750SH1□	75ohm±25%	-	200mA	0.25ohm	-55°C to +125°C
BLM21BB121SH1□	120ohm±25%	-	200mA	0.25ohm	-55°C to +125°C

Number of Circuits: 1

Continued on the following page.

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

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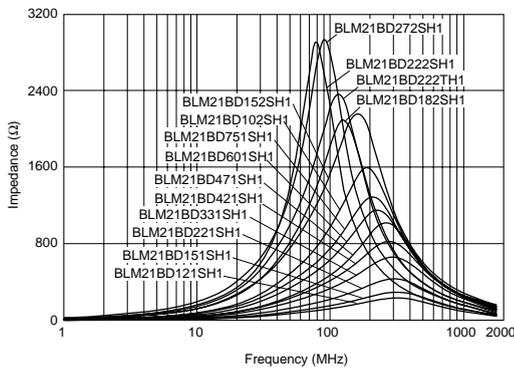
Continued from the preceding page.

Part Number	Impedance (at 100MHz/20°C)	Impedance (at 1GHz/20°C)	Rated Current	DC Resistance(max.)	Operating Temperature Range
BLM21BB151SH1	150ohm±25%	-	200mA	0.25ohm	-55°C to +125°C
BLM21BB201SH1	200ohm±25%	-	200mA	0.35ohm	-55°C to +125°C
BLM21BB221SH1	220ohm±25%	-	200mA	0.35ohm	-55°C to +125°C
BLM21BB331SH1	330ohm±25%	-	200mA	0.40ohm	-55°C to +125°C
BLM21BB471SH1	470ohm±25%	-	200mA	0.45ohm	-55°C to +125°C

Number of Circuits: 1

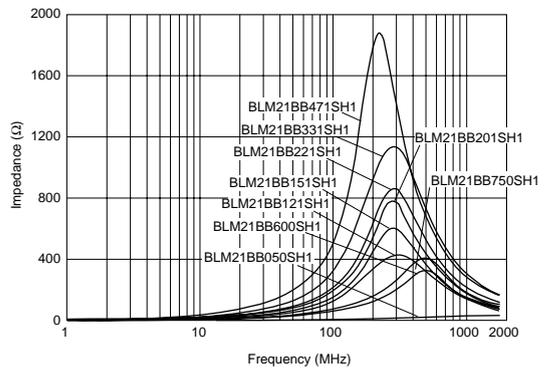
Impedance-Frequency Characteristics (Main Items)

BLM21BD Series



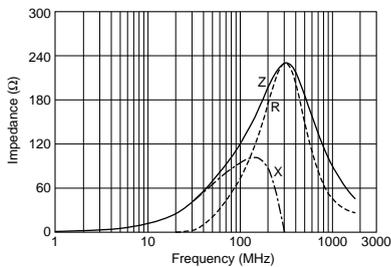
Impedance-Frequency Characteristics (Main Items)

BLM21BB Series



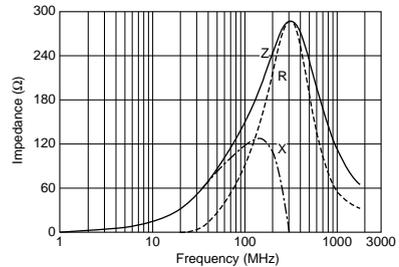
Impedance-Frequency Characteristics

BLM21BD121SH1



Impedance-Frequency Characteristics

BLM21BD151SH1



Continued on the following page.

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

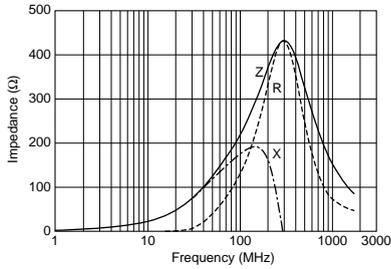
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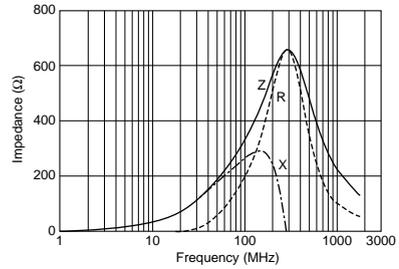
■ Impedance-Frequency Characteristics

BLM21BD221SH1



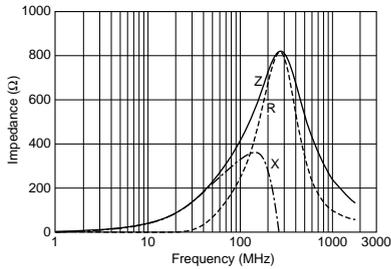
■ Impedance-Frequency Characteristics

BLM21BD331SH1



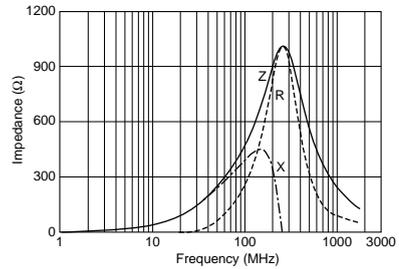
■ Impedance-Frequency Characteristics

BLM21BD421SH1



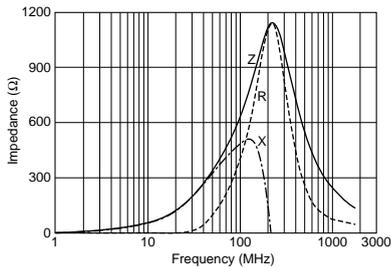
■ Impedance-Frequency Characteristics

BLM21BD471SH1



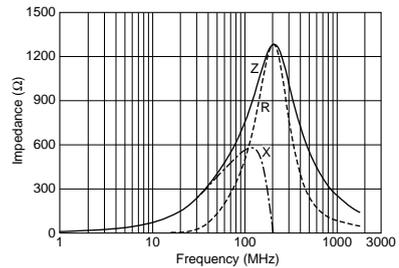
■ Impedance-Frequency Characteristics

BLM21BD601SH1



■ Impedance-Frequency Characteristics

BLM21BD751SH1



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

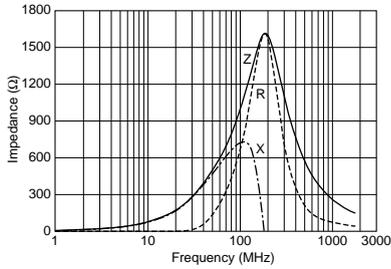
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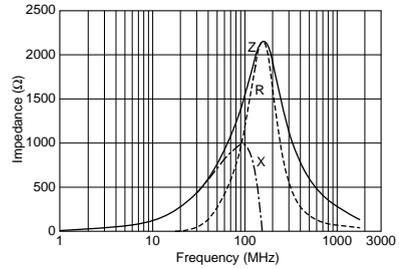
■ Impedance-Frequency Characteristics

BLM21BD102SH1



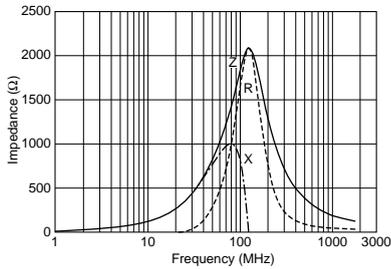
■ Impedance-Frequency Characteristics

BLM21BD152SH1



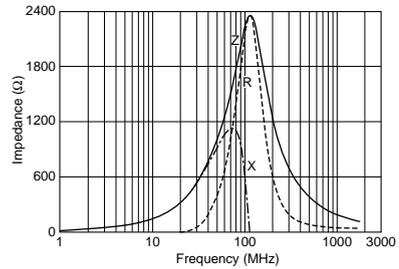
■ Impedance-Frequency Characteristics

BLM21BD182SH1



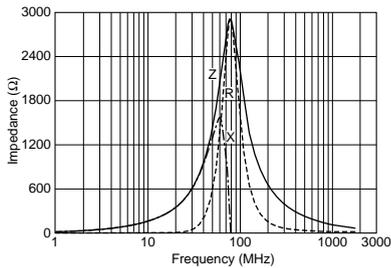
■ Impedance-Frequency Characteristics

BLM21BD222TH1



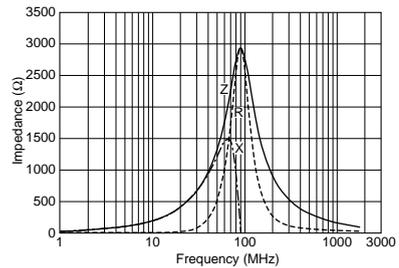
■ Impedance-Frequency Characteristics

BLM21BD222SH1



■ Impedance-Frequency Characteristics

BLM21BD272SH1



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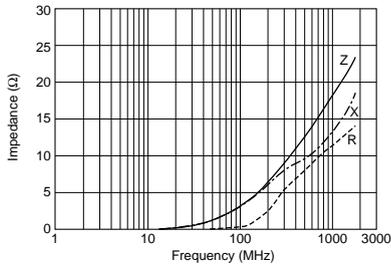
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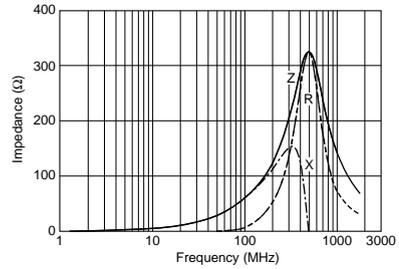
■ Impedance-Frequency Characteristics

BLM21BB050SH1



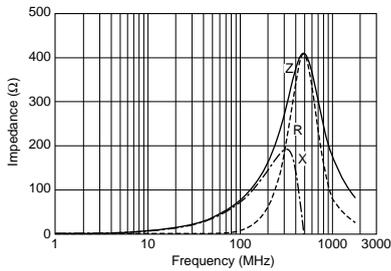
■ Impedance-Frequency Characteristics

BLM21BB600SH1



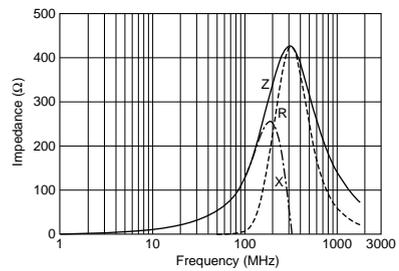
■ Impedance-Frequency Characteristics

BLM21BB750SH1



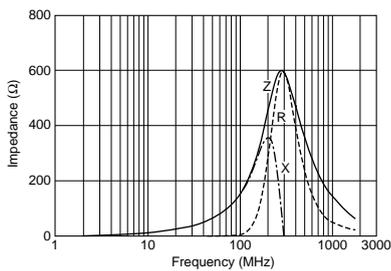
■ Impedance-Frequency Characteristics

BLM21BB121SH1



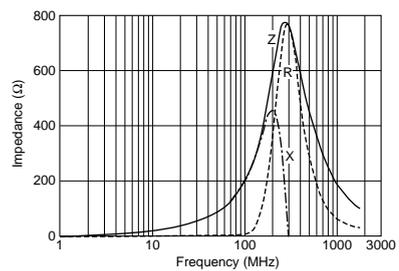
■ Impedance-Frequency Characteristics

BLM21BB151SH1



■ Impedance-Frequency Characteristics

BLM21BB201SH1



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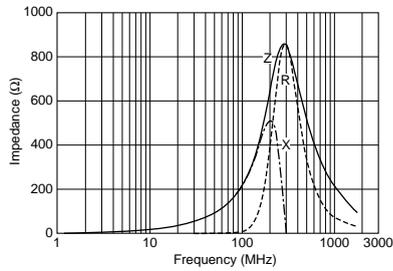
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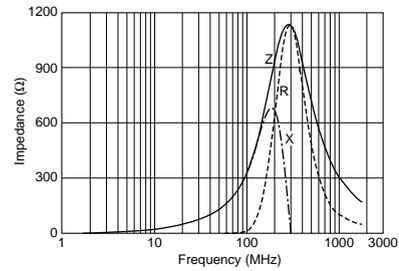
■ Impedance-Frequency Characteristics

BLM21BB221SH1



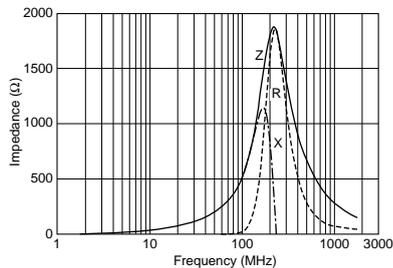
■ Impedance-Frequency Characteristics

BLM21BB331SH1



■ Impedance-Frequency Characteristics

BLM21BB471SH1



■ ⚠ Caution/Notice

⚠ Caution (Rating)

1. Do not use products beyond the rated current as this may create excessive heat and deteriorate the insulation resistance.
2. Be sure to provide an appropriate fail-safe function on your product to prevent a second damage that may be caused by the abnormal function or the failure our product.

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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