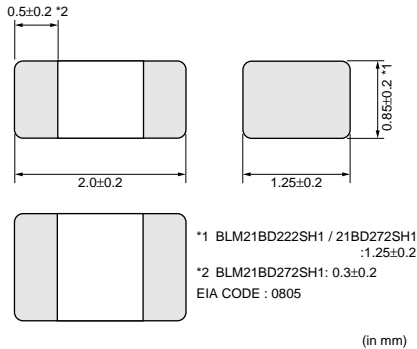


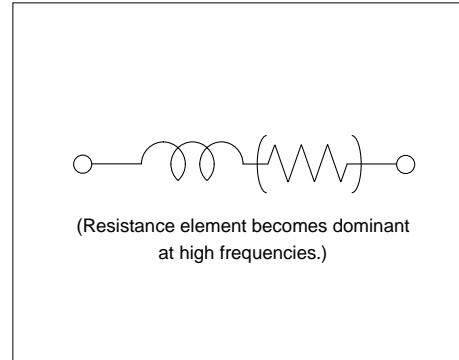
For Automotive Chip Ferrite Beads for Automotive

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 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	Number of Circuits
BLM21BB050SH1□	5ohm±25%	-	500mA	0.07ohm	-55°C to +125°C	1
BLM21BB600SH1□	60ohm±25%	-	200mA	0.20ohm	-55°C to +125°C	1
BLM21BB750SH1□	75ohm±25%	-	200mA	0.25ohm	-55°C to +125°C	1
BLM21BB121SH1□	120ohm±25%	-	200mA	0.25ohm	-55°C to +125°C	1
BLM21BD121SH1□	120ohm±25%	-	200mA	0.25ohm	-55°C to +125°C	1
BLM21BB151SH1□	150ohm±25%	-	200mA	0.25ohm	-55°C to +125°C	1
BLM21BD151SH1□	150ohm±25%	-	200mA	0.25ohm	-55°C to +125°C	1
BLM21BB201SH1□	200ohm±25%	-	200mA	0.35ohm	-55°C to +125°C	1
BLM21BB221SH1□	220ohm±25%	-	200mA	0.35ohm	-55°C to +125°C	1
BLM21BD221SH1□	220ohm±25%	-	200mA	0.25ohm	-55°C to +125°C	1
BLM21BB331SH1□	330ohm±25%	-	200mA	0.40ohm	-55°C to +125°C	1
BLM21BD331SH1□	330ohm±25%	-	200mA	0.30ohm	-55°C to +125°C	1
BLM21BD421SH1□	420ohm±25%	-	200mA	0.30ohm	-55°C to +125°C	1
BLM21BB471SH1□	470ohm±25%	-	200mA	0.45ohm	-55°C to +125°C	1
BLM21BD471SH1□	470ohm±25%	-	200mA	0.35ohm	-55°C to +125°C	1
BLM21BD601SH1□	600ohm±25%	-	200mA	0.35ohm	-55°C to +125°C	1
BLM21BD751SH1□	750ohm±25%	-	200mA	0.40ohm	-55°C to +125°C	1
BLM21BD102SH1□	1000ohm±25%	-	200mA	0.40ohm	-55°C to +125°C	1
BLM21BD152SH1□	1500ohm±25%	-	200mA	0.45ohm	-55°C to +125°C	1

Continued on the following page.

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

Note:

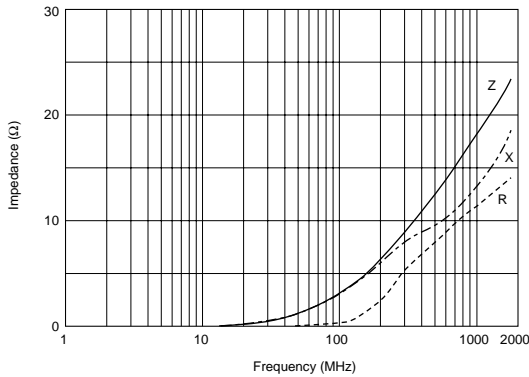
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Continued from the preceding page.

Part Number	Impedance (at 100MHz/20°C)	Impedance (at 1GHz/20°C)	Rated Current	DC Resistance(max.)	Operating Temperature Range	Number of Circuits
BLM21BD182SH1 □	1800ohm±25%	-	200mA	0.50ohm	-55°C to +125°C	1
BLM21BD222TH1 □	2200ohm±25%	-	200mA	0.60ohm	-55°C to +125°C	1
BLM21BD222SH1 □	2250ohm(Typ.)	-	200mA	0.60ohm	-55°C to +125°C	1
BLM21BD272SH1 □	2700ohm±25%	-	200mA	0.80ohm	-55°C to +125°C	1

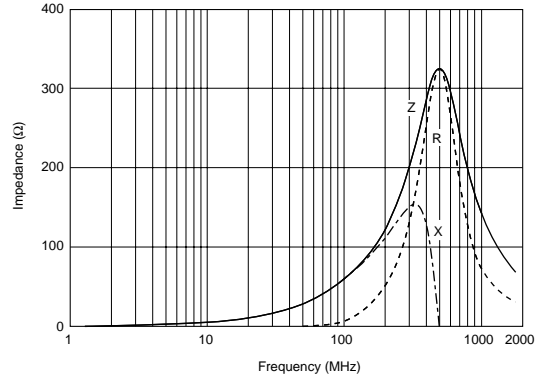
■ Impedance-Frequency Characteristics

BLM21BB050SH1



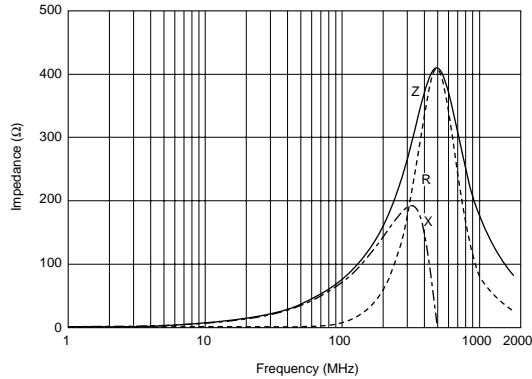
■ Impedance-Frequency Characteristics

BLM21BB600SH1



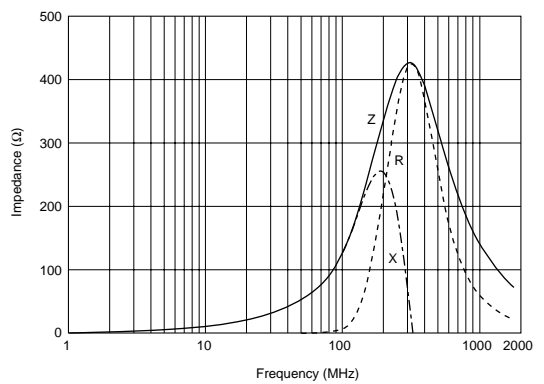
■ Impedance-Frequency Characteristics

BLM21BB750SH1



■ Impedance-Frequency Characteristics

BLM21BB121SH1



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

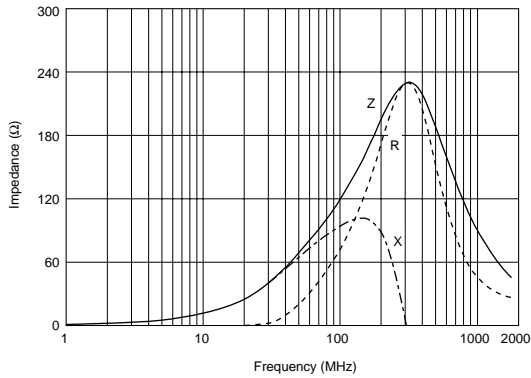
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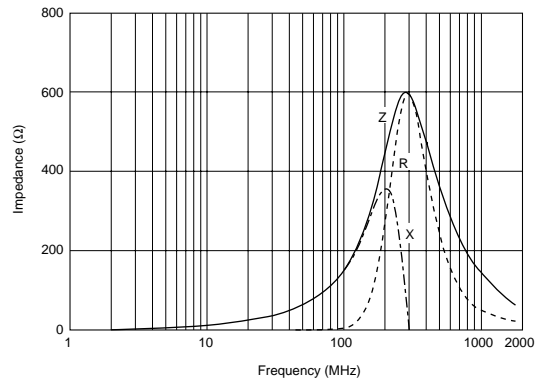
Impedance-Frequency Characteristics

BLM21BD121SH1



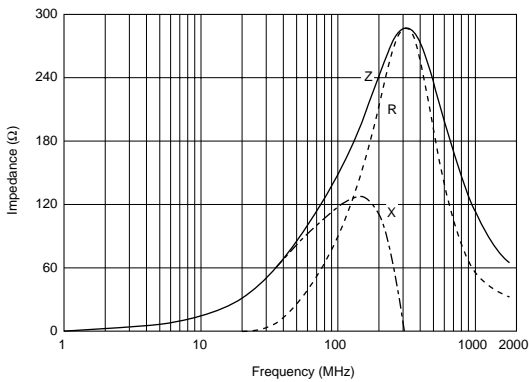
Impedance-Frequency Characteristics

BLM21BB151SH1



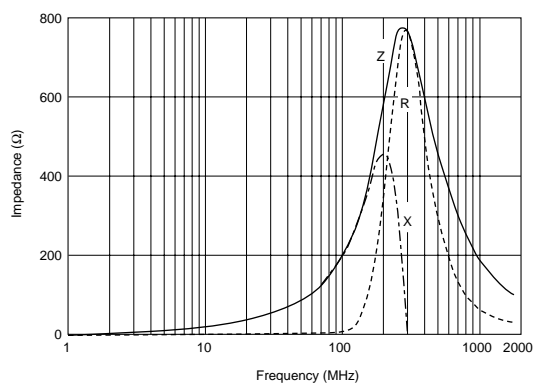
Impedance-Frequency Characteristics

BLM21BD151SH1



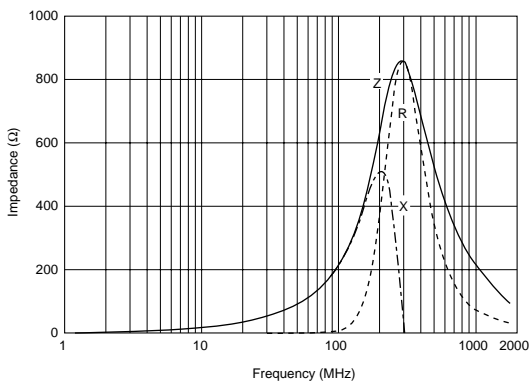
Impedance-Frequency Characteristics

BLM21BB201SH1



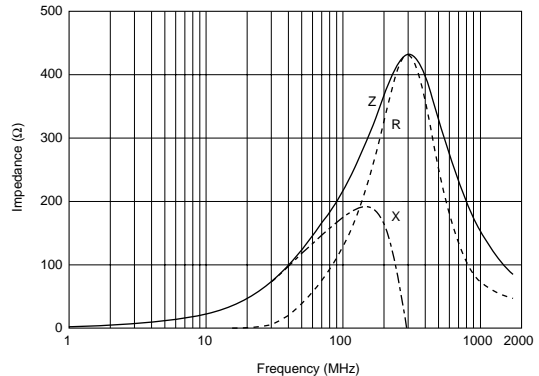
Impedance-Frequency Characteristics

BLM21BB221SH1



Impedance-Frequency Characteristics

BLM21BD221SH1



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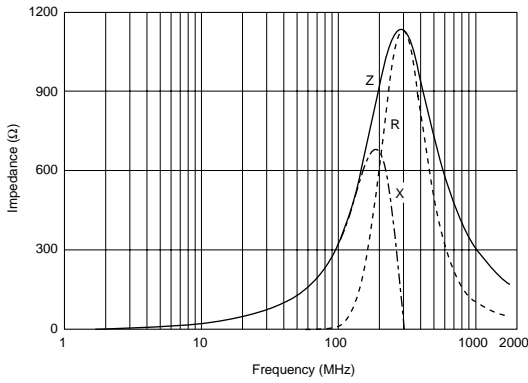
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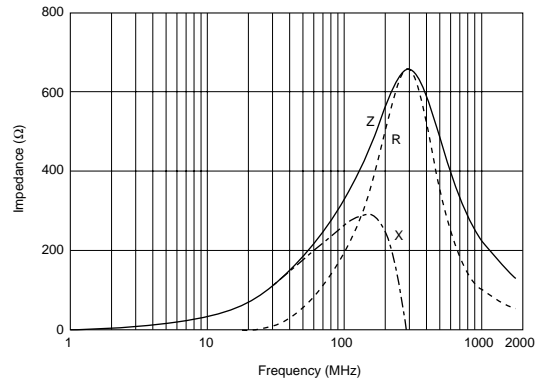
Impedance-Frequency Characteristics

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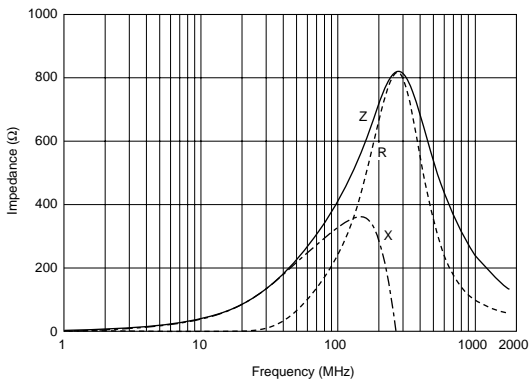
Impedance-Frequency Characteristics

BLM21BD331SH1



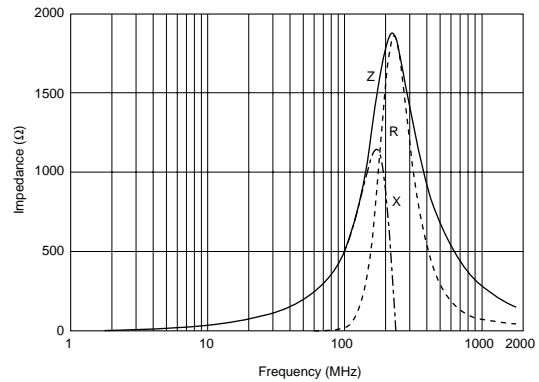
Impedance-Frequency Characteristics

BLM21BD421SH1



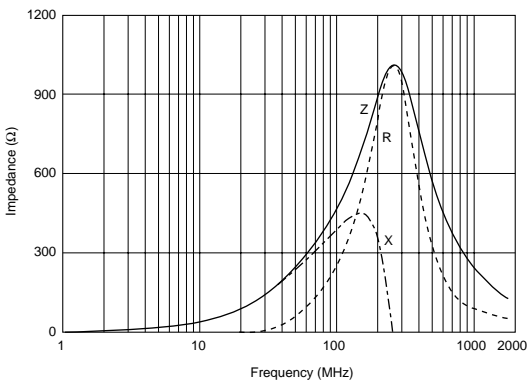
Impedance-Frequency Characteristics

BLM21BB471SH1



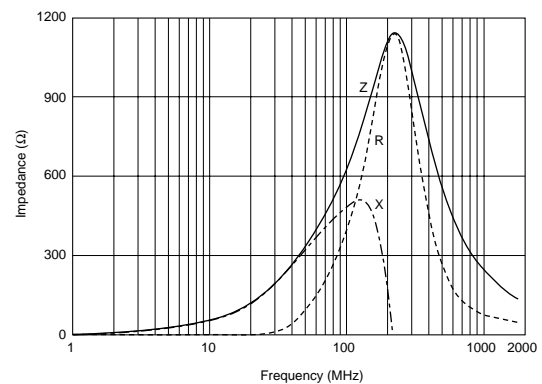
Impedance-Frequency Characteristics

BLM21BD471SH1



Impedance-Frequency Characteristics

BLM21BD601SH1



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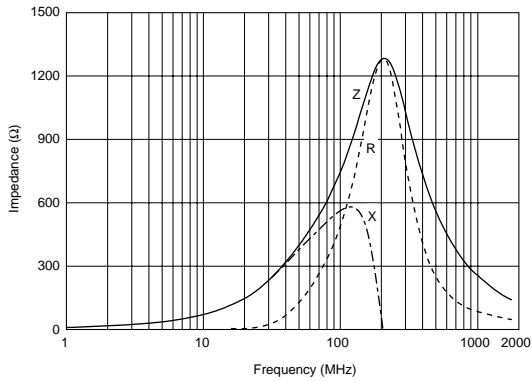
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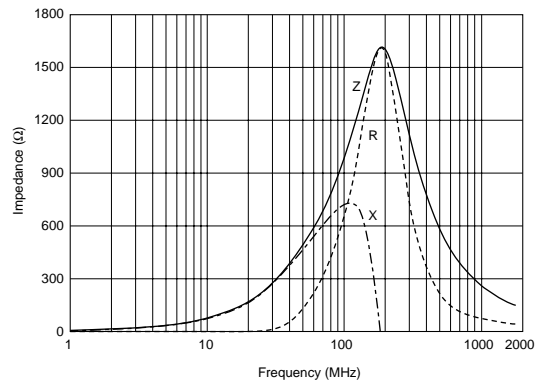
■ Impedance-Frequency Characteristics

BLM21BD751SH1



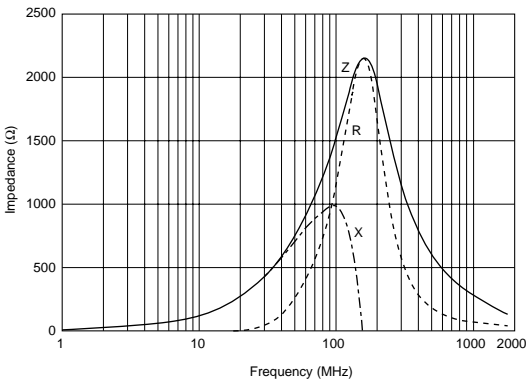
■ Impedance-Frequency Characteristics

BLM21BD102SH1



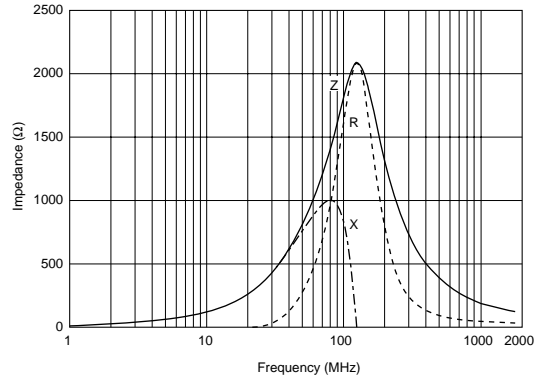
■ Impedance-Frequency Characteristics

BLM21BD152SH1



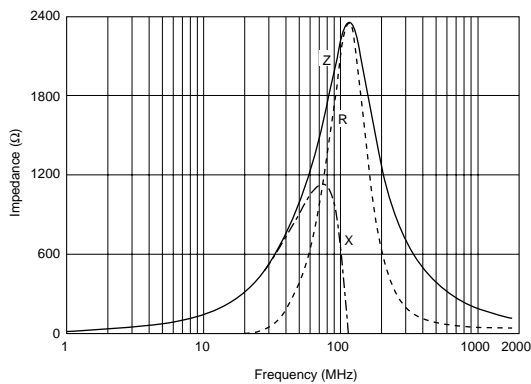
■ Impedance-Frequency Characteristics

BLM21BD182SH1



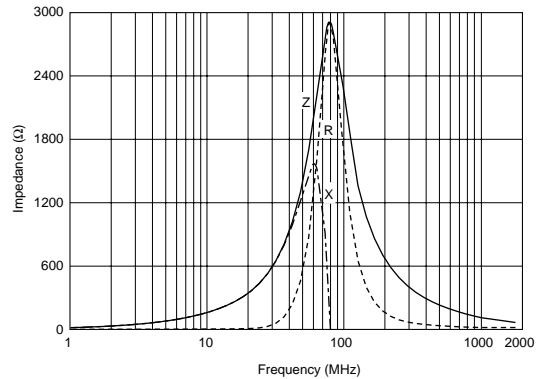
■ Impedance-Frequency Characteristics

BLM21BD222TH1



■ Impedance-Frequency Characteristics

BLM21BD222SH1



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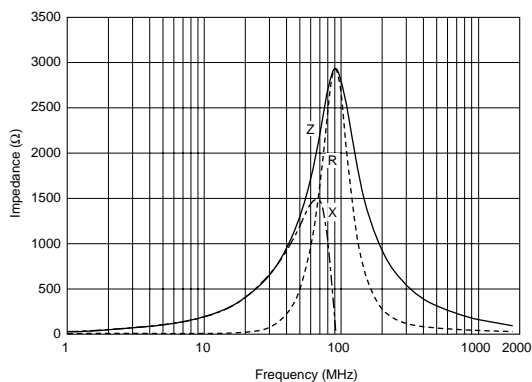
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Continued from the preceding page.

■ Impedance-Frequency Characteristics

BLM21BD272SH1



■ ⚠ 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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