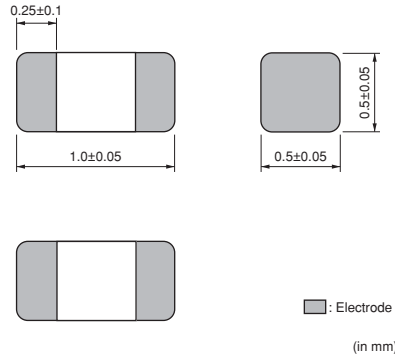


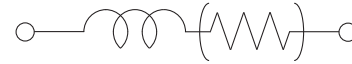
For Automotive chip Ferrite Bead for Automotive

BLM15B Series (0402 Size)

■ Dimensions



■ Equivalent Circuit



(Resistance element becomes dominant at high frequencies.)

■ Packaging

Code	Packaging	Minimum Quantity
D	180mm Paper Tape	10000
J	330mm Paper Tape	50000
B	Bulk(Bag)	1000

■ Rated Value (□: packaging code)

Part Number	Impedance (at 100MHz/20°C)	Impedance (at 1GHz/20°C)	Rated Current	DC Resistance	Operating Temperature Range
BLM15BD471SH1□	470ohm ±25%	-	200mA	0.60ohm max.	-55 to +125°C
BLM15BD601SH1□	600ohm ±25%	-	200mA	0.65ohm max.	-55 to +125°C
BLM15BD102SH1□	1000ohm ±25%	-	200mA	0.90ohm max.	-55 to +125°C
BLM15BD182SH1□	1800ohm ±25%	-	200mA	1.40ohm max.	-55 to +125°C
BLM15BB050SH1□	5ohm ±25%	-	500mA	0.08ohm max.	-55 to +125°C
BLM15BB100SH1□	10ohm ±25%	-	300mA	0.10ohm max.	-55 to +125°C
BLM15BB220SH1□	22ohm ±25%	-	300mA	0.20ohm max.	-55 to +125°C
BLM15BB470SH1□	47ohm ±25%	-	300mA	0.35ohm max.	-55 to +125°C
BLM15BB750SH1□	75ohm ±25%	-	300mA	0.40ohm max.	-55 to +125°C
BLM15BB121SH1□	120ohm ±25%	-	300mA	0.55ohm max.	-55 to +125°C
BLM15BB221SH1□	220ohm ±25%	-	200mA	0.80ohm max.	-55 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.

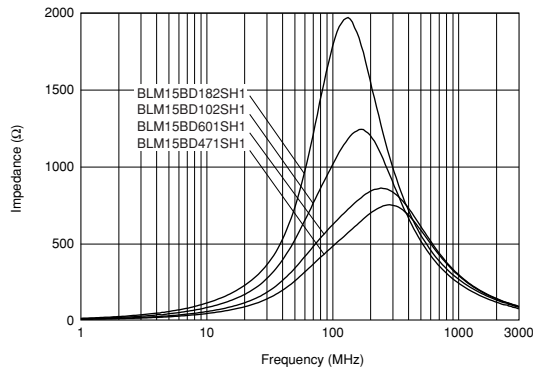
⚠ Note:

1. 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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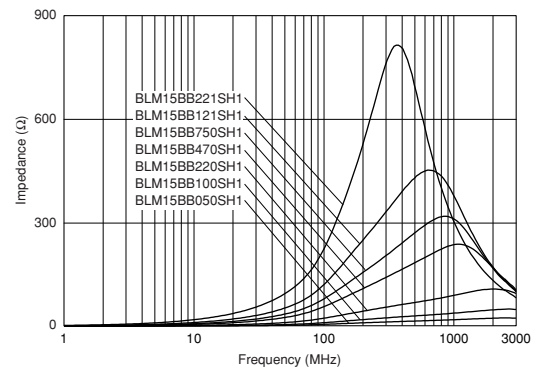
Impedance-Frequency Characteristics (Main Items)

BLM15BD Series



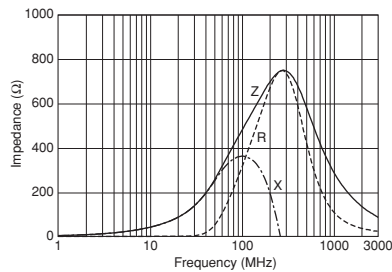
Impedance-Frequency Characteristics (Main Items)

BLM15BB Series



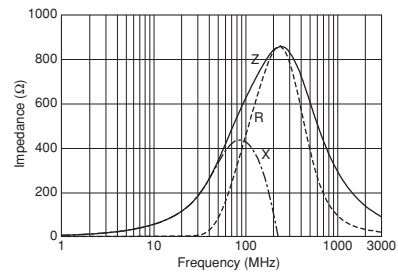
Impedance-Frequency Characteristics

BLM15BD471SH1



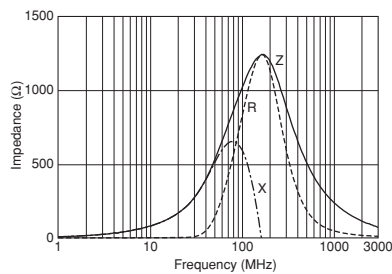
Impedance-Frequency Characteristics

BLM15BD601SH1



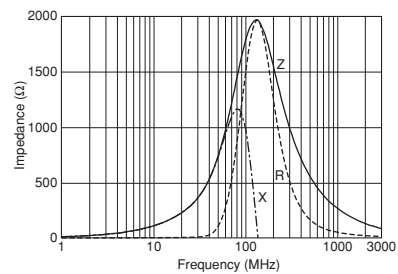
Impedance-Frequency Characteristics

BLM15BD102SH1



Impedance-Frequency Characteristics

BLM15BD182SH1



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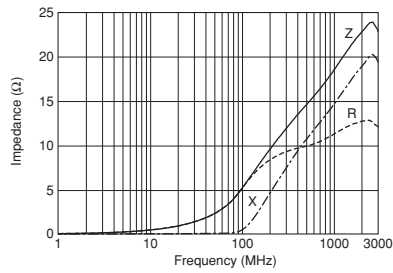
● This data sheet is applied for CHIP FERRITE BEAD used for Automotive Electronics equipment for your design.

Note:

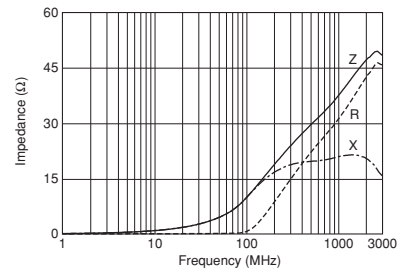
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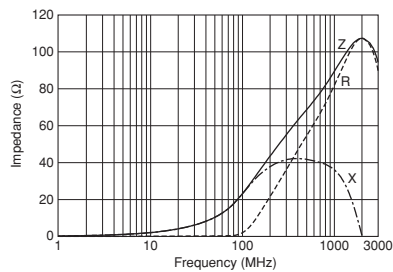
Impedance-Frequency Characteristics BLM15BB050SH1



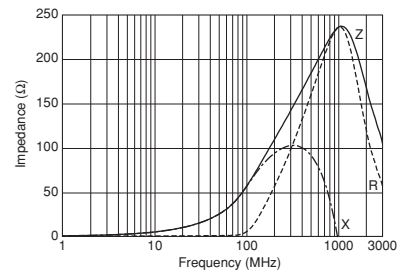
Impedance-Frequency Characteristics BLM15BB100SH1



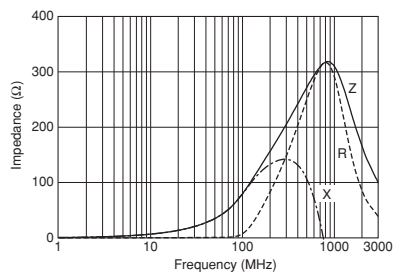
Impedance-Frequency Characteristics BLM15BB220SH1



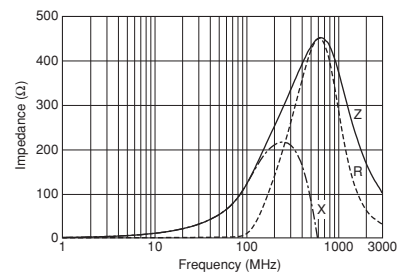
Impedance-Frequency Characteristics BLM15BB470SH1



Impedance-Frequency Characteristics BLM15BB750SH1



Impedance-Frequency Characteristics BLM15BB121SH1




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

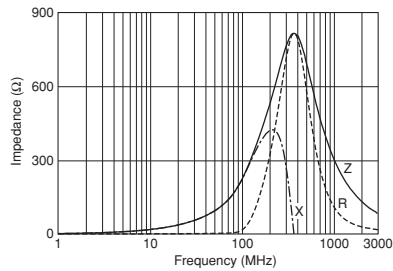
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■ Impedance-Frequency Characteristics

BLM15BB221SH1



■ ⚠ 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 of 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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