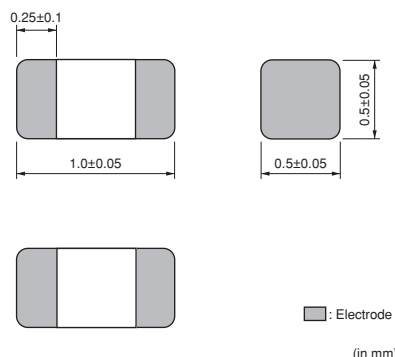


EMIFIL® (Inductor type) chip Ferrite Bead

BLM15BX Series (0402 Size)

■ Dimensions



■ Equivalent Circuit



(Resistance element becomes dominant at high frequencies.)

■ Packaging

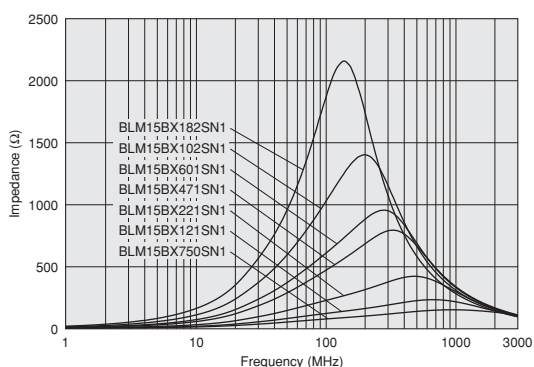
Code	Packaging	Minimum Quantity
D	180mm Paper Tape	10000
J	330mm Paper Tape	50000
B	Bulk(Bag)	1000

■ Rated Value (□: packaging code)

Part Number	Impedance (at 100MHz/20°C)	Impedance (at 1GHz/20°C)	Rated Current	DC Resistance	Operating Temperature Range
BLM15BX750SN1□	75ohm ±25%	-	600mA	0.15ohm max.	-55 to +125°C
BLM15BX121SN1□	120ohm ±25%	-	600mA	0.17ohm max.	-55 to +125°C
BLM15BX221SN1□	220ohm ±25%	-	450mA	0.27ohm max.	-55 to +125°C
BLM15BX471SN1□	470ohm ±25%	-	350mA	0.41ohm max.	-55 to +125°C
BLM15BX601SN1□	600ohm ±25%	-	350mA	0.46ohm max.	-55 to +125°C
BLM15BX102SN1□	1000ohm ±25%	-	300mA	0.65ohm max.	-55 to +125°C
BLM15BX182SN1□	1800ohm ±25%	-	250mA	0.90ohm max.	-55 to +125°C

Number of Circuits: 1

■ Impedance-Frequency Characteristics (Main Items)



Continued on the following page.

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

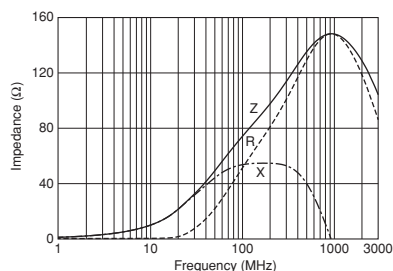
⚠ Note:

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.
2. This datasheet has only typical specifications because there is no space for detailed specifications. Therefore, please approve our product specifications or transact the approval sheet for product specifications before ordering.

Continued from the preceding page.

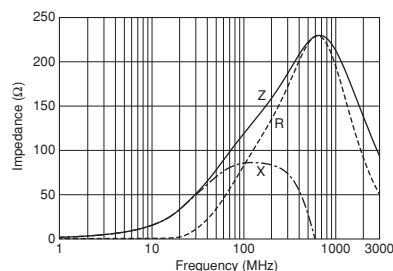
Impedance-Frequency Characteristics

BLM15BX750SN1



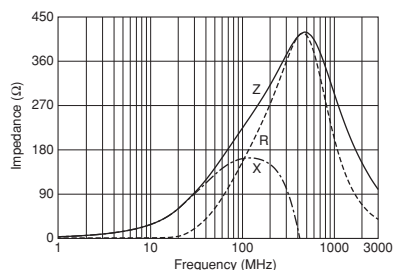
Impedance-Frequency Characteristics

BLM15BX121SN1



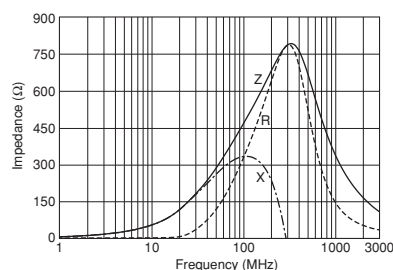
Impedance-Frequency Characteristics

BLM15BX221SN1



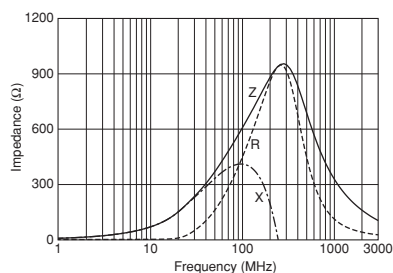
Impedance-Frequency Characteristics

BLM15BX471SN1



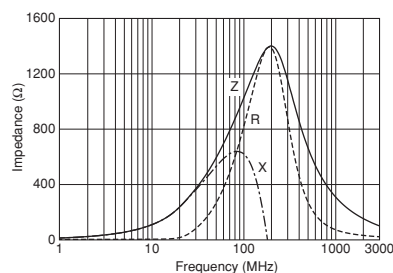
Impedance-Frequency Characteristics

BLM15BX601SN1



Impedance-Frequency Characteristics

BLM15BX102SN1



Continued on the following page.

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

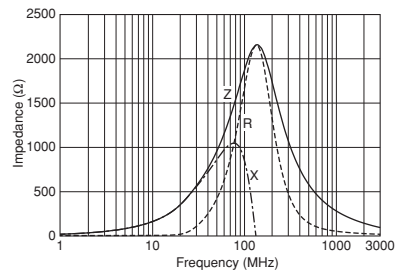
Note:

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.
2. This datasheet has only typical specifications because there is no space for detailed specifications. Therefore, please approve our product specifications or transact the approval sheet for product specifications before ordering.

Continued from the preceding page.

■ Impedance-Frequency Characteristics

BLM15BX182SN1



■ ⚠ Caution/Notice

⚠ Caution (Rating)

Do not use products beyond the rated current 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.

● This data sheet is applied for CHIP FERRITE BEAD used for General 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.
2. This datasheet has only typical specifications because there is no space for detailed specifications. Therefore, please approve our product specifications or transact the approval sheet for product specifications before ordering.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Murata:

[BLM15BX121SN1B](#) [BLM15BX750SN1B](#) [BLM15BX601SN1D](#) [BLM15BX102SN1D](#) [BLM15BX121SN1D](#)
[BLM15BX471SN1D](#) [BLM15BX182SN1J](#) [BLM15BX102SN1J](#) [BLM15BX121SN1J](#) [BLM15BX221SN1B](#)
[BLM15BX221SN1J](#) [BLM15BX601SN1J](#) [BLM15BX750SN1D](#) [BLM15BX221SN1D](#) [BLM15BX471SN1B](#)
[BLM15BX182SN1B](#) [BLM15BX601SN1B](#) [BLM15BX471SN1J](#) [BLM15BX182SN1D](#) [BLM15BX750SN1J](#)
[BLM15BX102SN1B](#)