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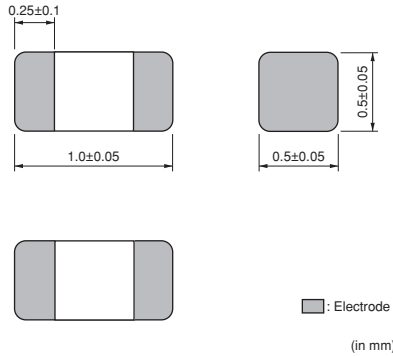
For any questions, you can email us directly:

sales@integrated-circuit.com

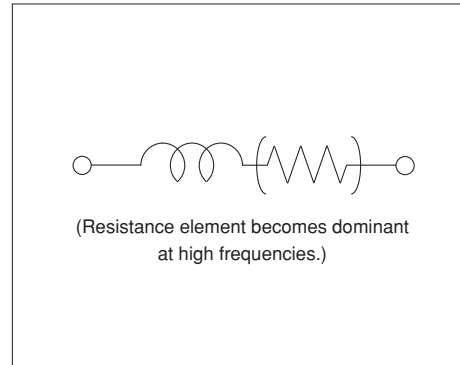
EMIFIL® (Inductor type) Chip Ferrite Bead

BLM15AX_SN Series (0402 Size)

■ Dimensions



■ Equivalent Circuit



■ Packaging

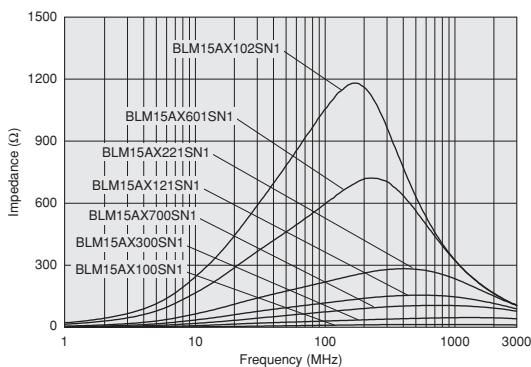
Code	Packaging	Minimum Quantity
D	180mm Paper Tape	10000
J	330mm Paper Tape	50000
B	Bulk(Bag)	1000

■ Rated Value (□: packaging code)

Part Number	Impedance (at 100MHz/20°C)	Impedance (at 1GHz/20°C)	Rated Current	DC Resistance	Operating Temperature Range
BLM15AX100SN1□	10ohm ±5ohm	-	1740mA	0.015ohm max.	-55 to +125°C
BLM15AX300SN1□	30ohm ±25%	-	1100mA	0.06ohm max.	-55 to +125°C
BLM15AX700SN1□	70ohm ±25%	-	780mA	0.1ohm max.	-55 to +125°C
BLM15AX121SN1□	120ohm ±25%	-	700mA	0.13ohm max.	-55 to +125°C
BLM15AX221SN1□	220ohm ±25%	-	600mA	0.18ohm max.	-55 to +125°C
BLM15AX601SN1□	600ohm ±25%	-	500mA	0.34ohm max.	-55 to +125°C
BLM15AX102SN1□	1000ohm ±25%	-	350mA	0.49ohm max.	-55 to +125°C

Number of Circuits: 1

■ Impedance-Frequency Characteristics (Main Items)



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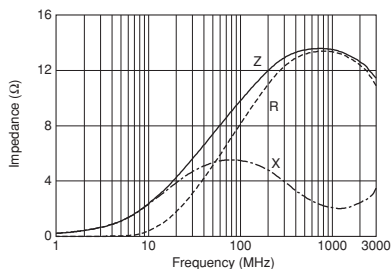
● This data sheet is applied for CHIP FERRITE BEAD used for General Electronics equipment for your design.

⚠ Note:

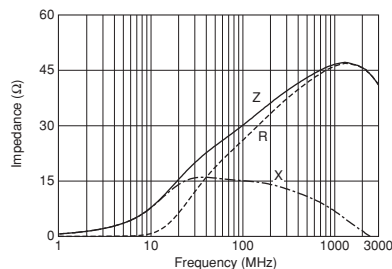
1. This datasheet is downloaded from the website of Murata Manufacturing co., ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
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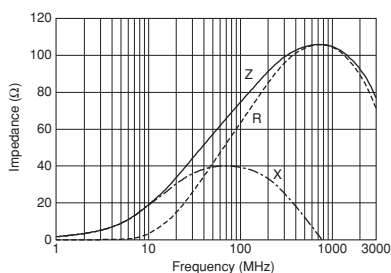
Impedance-Frequency Characteristics
BLM15AX100SN1



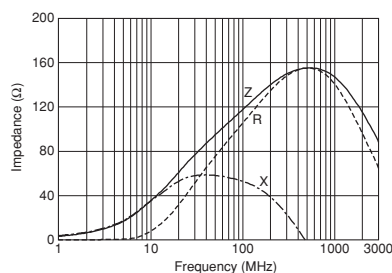
Impedance-Frequency Characteristics
BLM15AX300SN1



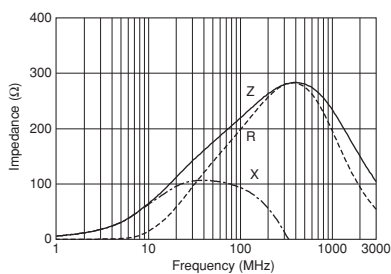
Impedance-Frequency Characteristics
BLM15AX700SN1



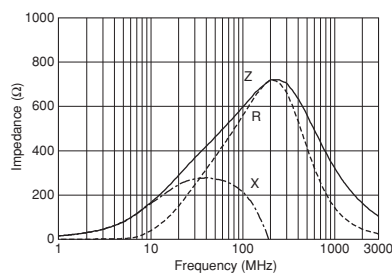
Impedance-Frequency Characteristics
BLM15AX121SN1



Impedance-Frequency Characteristics
BLM15AX221SN1



Impedance-Frequency Characteristics
BLM15AX601SN1



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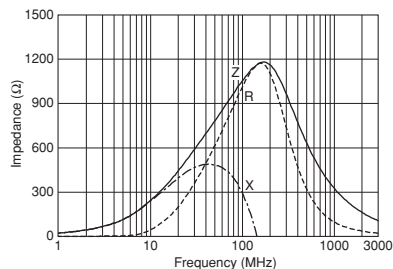
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Impedance-Frequency Characteristics

BLM15AX102SN1



⚠ 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.

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