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[Murata Electronics North America](#)
[BLM03AG100SN1D](#)

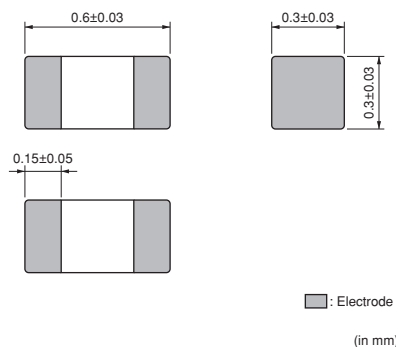
For any questions, you can email us directly:

sales@integrated-circuit.com

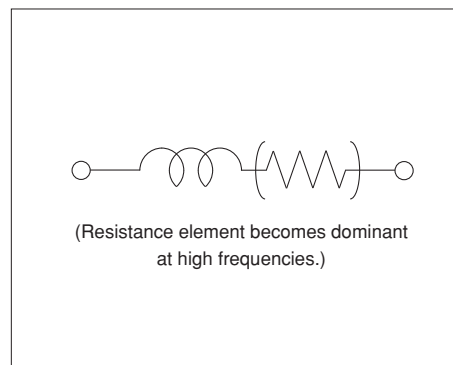
EMIFIL® (Inductor type) chip Ferrite Bead

BLM03AG Series (0201 Size)

■ Dimensions



■ Equivalent Circuit



■ Packaging

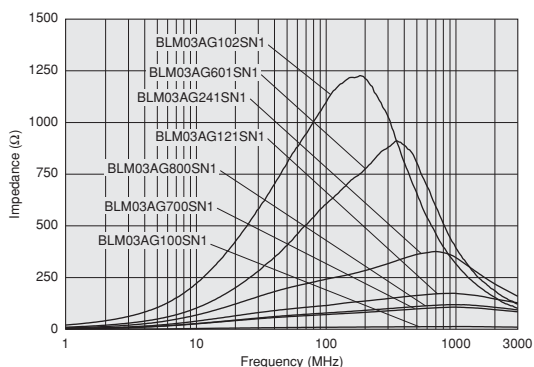
Code	Packaging	Minimum Quantity
D	180mm Paper Tape	15000
J	330mm Paper Tape	50000
B	Bulk(Bag)	1000

■ Rated Value (□: packaging code)

Part Number	Impedance (at 100MHz/20°C)	Impedance (at 1GHz/20°C)	Rated Current	DC Resistance	Operating Temperature Range
BLM03AG100SN1□	10ohm (Typ.)	-	500mA	0.1ohm max.	-55 to +125°C
BLM03AG700SN1□	70ohm (Typ.)	-	200mA	0.4ohm max.	-55 to +125°C
BLM03AG800SN1□	80ohm ±25%	-	200mA	0.4ohm max.	-55 to +125°C
BLM03AG121SN1□	120ohm ±25%	-	200mA	0.5ohm max.	-55 to +125°C
BLM03AG241SN1□	240ohm ±25%	-	200mA	0.8ohm max.	-55 to +125°C
BLM03AG601SN1□	600ohm ±25%	-	100mA	1.5ohm max.	-55 to +125°C
BLM03AG102SN1□	1000ohm ±25%	-	100mA	2.5ohm max.	-55 to +125°C

Number of Circuits: 1

■ Impedance-Frequency Characteristics (Main Items)



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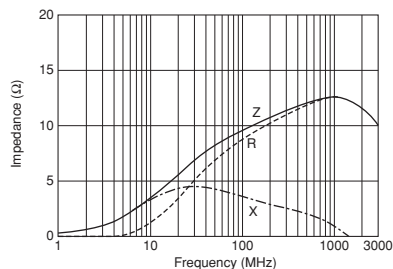
● This data sheet is applied for CHIP FERRITE BEAD used for General Electronics equipment for your design.

⚠ Note:

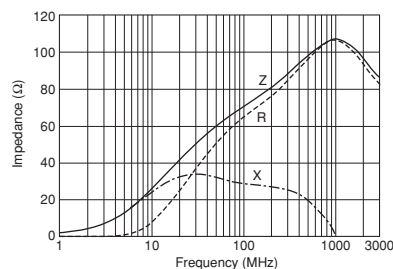
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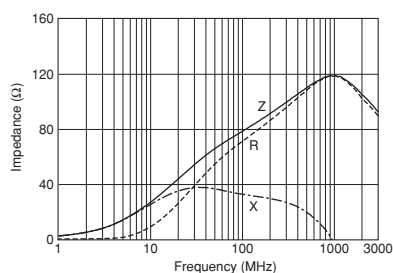
Impedance-Frequency Characteristics
BLM03AG100SN1



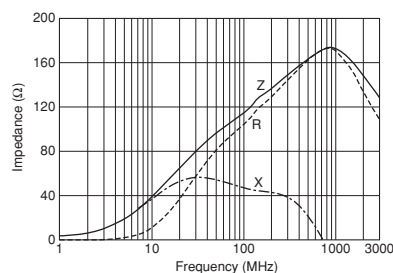
Impedance-Frequency Characteristics
BLM03AG700SN1



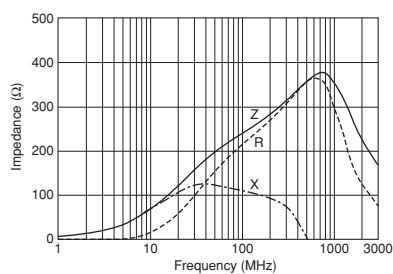
Impedance-Frequency Characteristics
BLM03AG800SN1



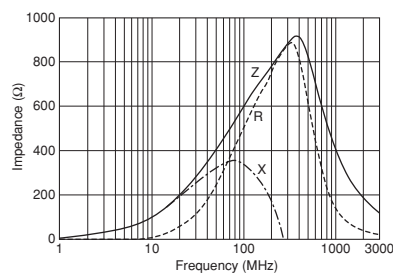
Impedance-Frequency Characteristics
BLM03AG121SN1



Impedance-Frequency Characteristics
BLM03AG241SN1



Impedance-Frequency Characteristics
BLM03AG601SN1



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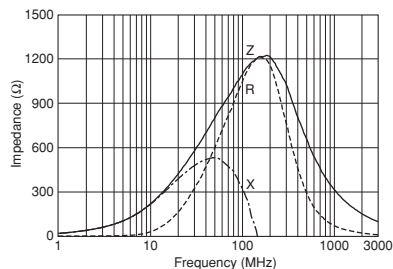
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Impedance-Frequency Characteristics

BLM03AG102SN1



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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