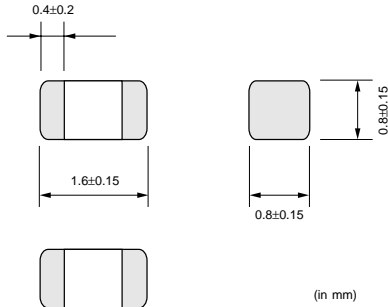


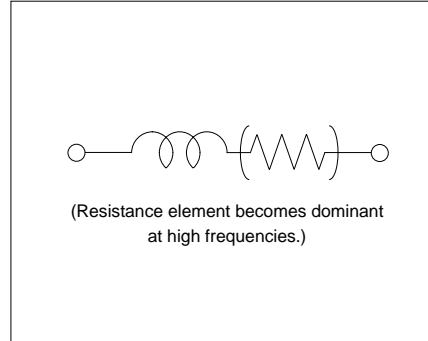
Chip EMIFIL® Inductor Type

BLM18A Series (0603 Size)

Dimension



Equivalent Circuit



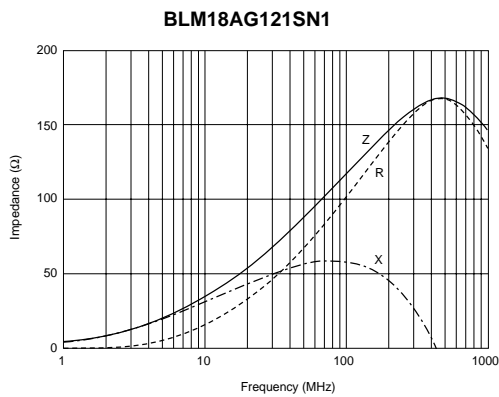
Packaging

Code	Packaging	Minimum Quantity
D	180mm Paper Tape	4000
J	330mm Paper Tape	10000
B	Bulk(Bag)	1000

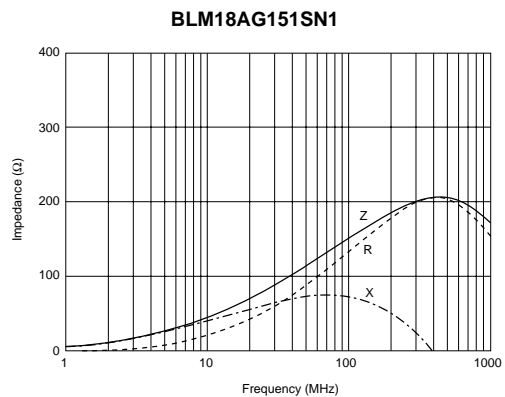
Rated Value (□: packaging code)

Part Number	Impedance (at 100MHz/20°C)	Impedance (at 1GHz/20°C)	Rated Current	DC Resistance(max.)	Operating Temperature Range	Number of Circuits
BLM18AG121SN1□	120ohm±25%	-	200mA	0.20ohm	-55°C to +125°C	1
BLM18AG151SN1□	150ohm±25%	-	200mA	0.25ohm	-55°C to +125°C	1
BLM18AG221SN1□	220ohm±25%	-	200mA	0.30ohm	-55°C to +125°C	1
BLM18AG331SN1□	330ohm±25%	-	200mA	0.45ohm	-55°C to +125°C	1
BLM18AG471SN1□	470ohm±25%	-	200mA	0.50ohm	-55°C to +125°C	1
BLM18AG601SN1□	600ohm±25%	-	200mA	0.50ohm	-55°C to +125°C	1
BLM18AG102SN1□	1000ohm±25%	-	100mA	0.70ohm	-55°C to +125°C	1

Z-f Characteristics(Typ.)



Z-f Characteristics(Typ.)



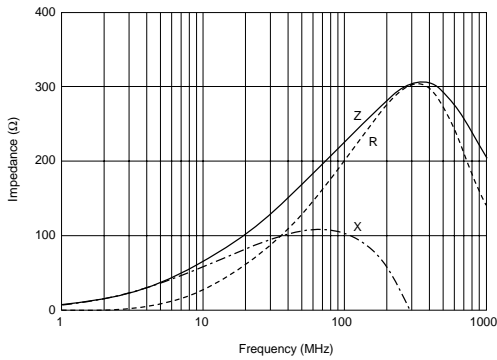
Continued on the following page. ↗

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

Continued from the preceding page.

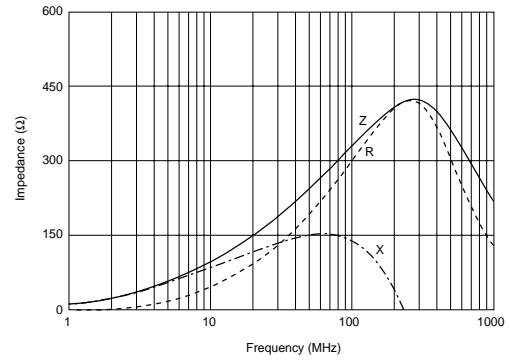
■ Z-f Characteristics(Typ.)

BLM18AG221SN1



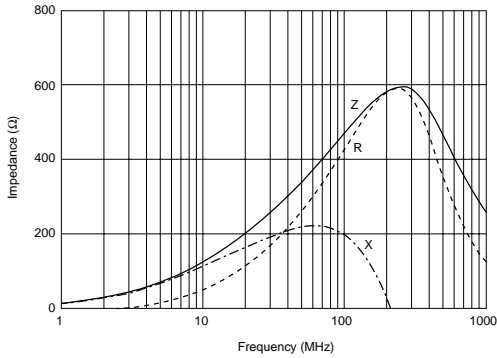
■ Z-f Characteristics(Typ.)

BLM18AG331SN1



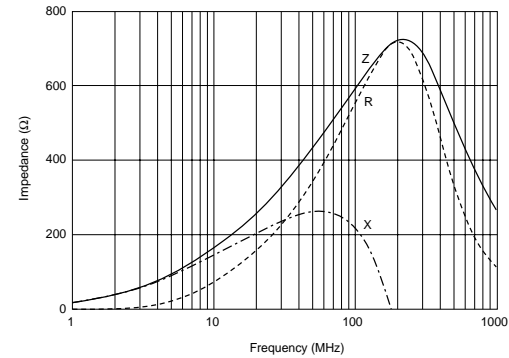
■ Z-f Characteristics(Typ.)

BLM18AG471SN1



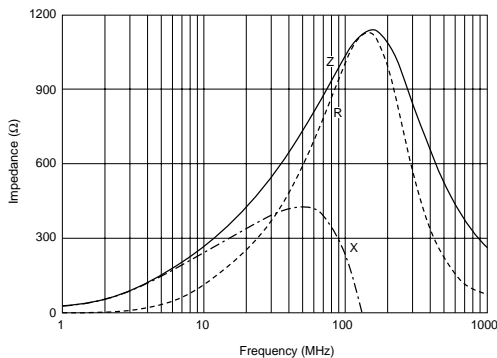
■ Z-f Characteristics(Typ.)

BLM18AG601SN1



■ Z-f Characteristics(Typ.)

BLM18AG102SN1



■ ⚠ 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.

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



Murata Manufacturing Co., Ltd.

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⚠ Note:**1. Export Control**

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Murata products should not be used or sold for use in the development, production, stockpiling or utilization of any conventional weapons or mass-destructive weapons (nuclear weapons, chemical or biological weapons, or missiles), or any other weapons.

⌋For customers in Japan⌋

For products which are controlled items subject to the "Foreign Exchange and Foreign Trade Law" of Japan, the export license specified by the law is required for export.

2. Please contact our sales representatives or product engineers before using the products in this data sheet for the applications listed below, which require especially high reliability for the prevention of defects which might directly damage to a third party's life, body or property, or when one of our products is intended for use in applications other than those specified in this data sheet.

① Aircraft equipment

② Aerospace equipment

③ Undersea equipment

④ Power plant equipment

⑤ Medical equipment

⑥ Transportation equipment (vehicles, trains, ships, etc.)

⑦ Traffic signal equipment

⑧ Disaster prevention / crime prevention equipment

⑨ Data-processing equipment

⑩ Application of similar complexity and/or reliability requirements to the applications listed in the above

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