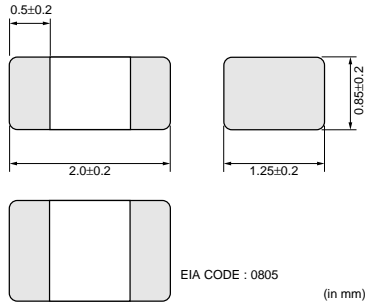


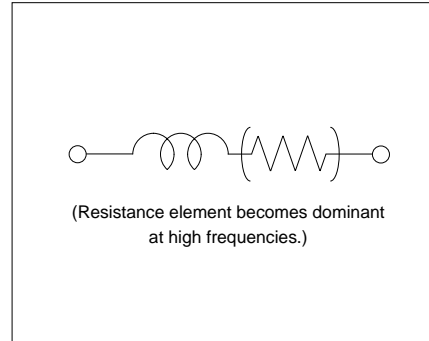
Chip EMIFIL® Inductor Type Chip Ferrite Beads

BLM21P Series (0805 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
BLM21PG220SN1□	22ohm±25%	-	6000mA	0.01ohm	-55°C to +125°C	1
BLM21PG300SN1□	30ohm(Typ.)	-	3000mA	0.015ohm	-55°C to +125°C	1
BLM21PG600SN1□	60ohm±25%	-	3000mA	0.025ohm	-55°C to +125°C	1
BLM21PG221SN1□	220ohm±25%	-	2000mA	0.050ohm	-55°C to +125°C	1
BLM21PG331SN1□	330ohm±25%	-	1500mA	0.09ohm	-55°C to +125°C	1

Continued on the following page. [↗](#)

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

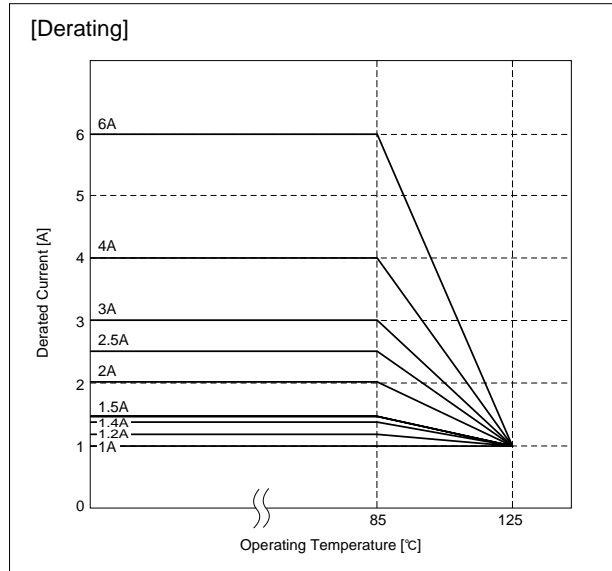
⚠ Note:

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its 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.

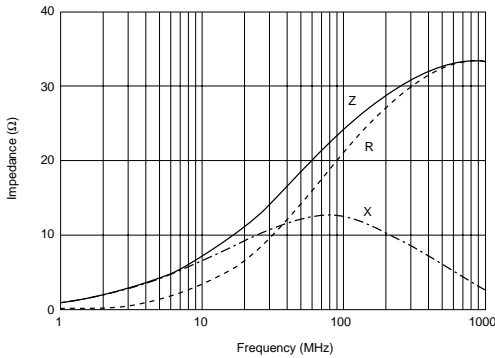
Notice (Rating)

In operating temperatures exceeding +85°C, derating of current is necessary for chip Ferrite Beads for which rated current is 1500mA or over. Please apply the derating curve shown in chart according to the operating temperature.



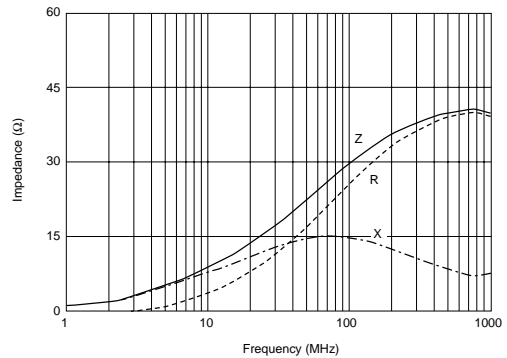
Impedance-Frequency Characteristics

BLM21PG220SN1



Impedance-Frequency Characteristics

BLM21PG300SN1



Continued on the following page. ↗

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

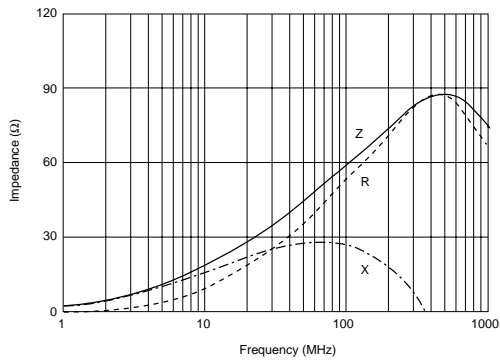
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Continued from the preceding page.

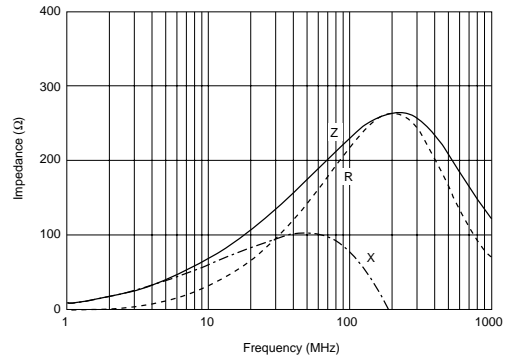
Impedance-Frequency Characteristics

BLM21PG600SN1



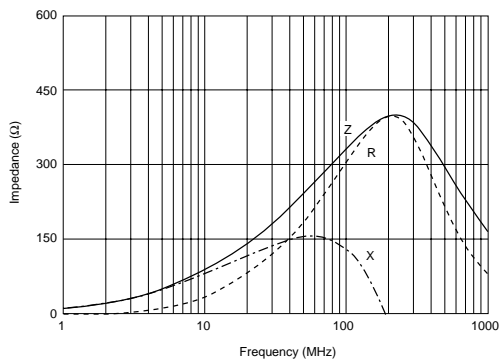
Impedance-Frequency Characteristics

BLM21PG221SN1



Impedance-Frequency Characteristics

BLM21PG331SN1



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.

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