



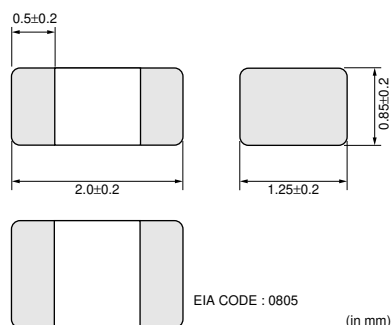
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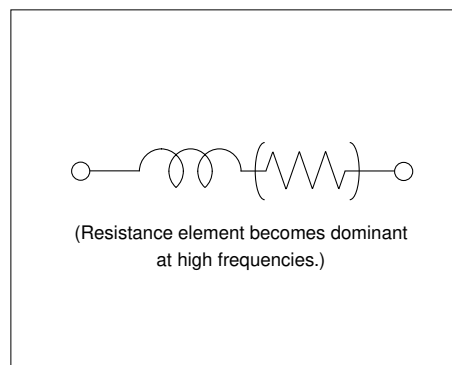
Chip EMIFIL® Inductor Type Chip Ferrite Beads

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

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

⚠ Note:

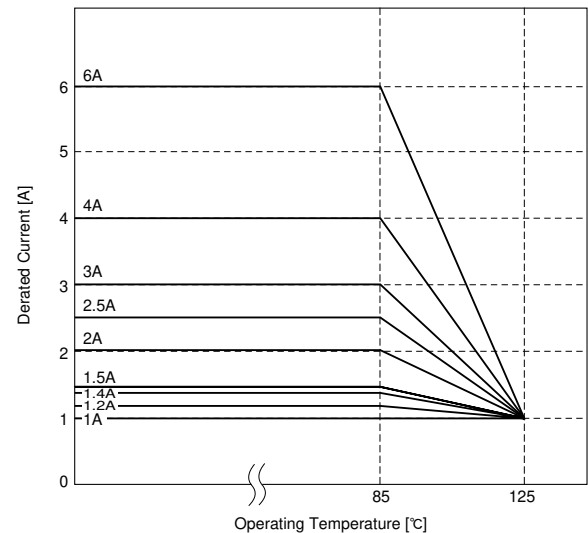
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■ Notice (Rating)

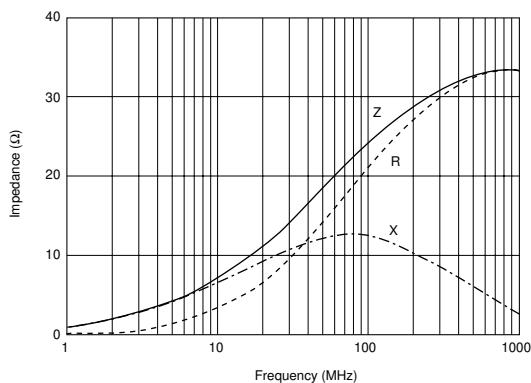
In operating temperatures exceeding +85°C, derating of current is necessary for chip Ferrite Beads for which rated current is 1500mA or over. Please apply the derating curve shown in chart according to the operating temperature.

[Derating]



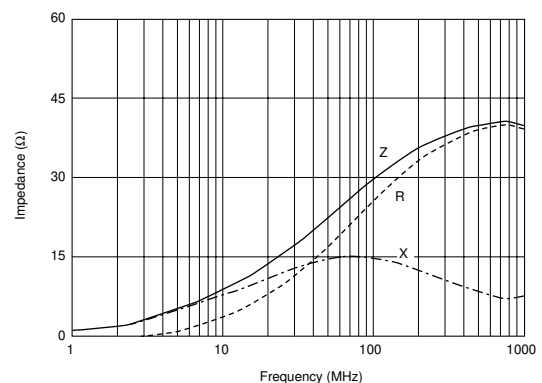
■ Impedance-Frequency Characteristics

BLM21PG220SN1



■ Impedance-Frequency Characteristics

BLM21PG300SN1



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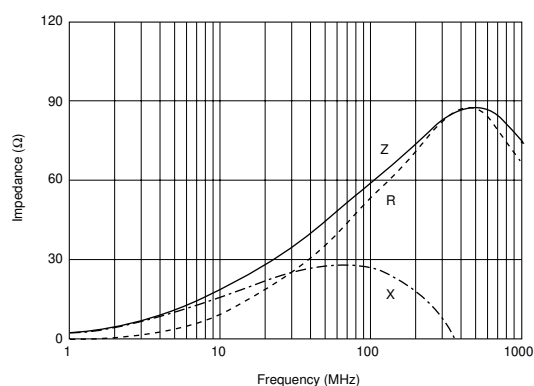
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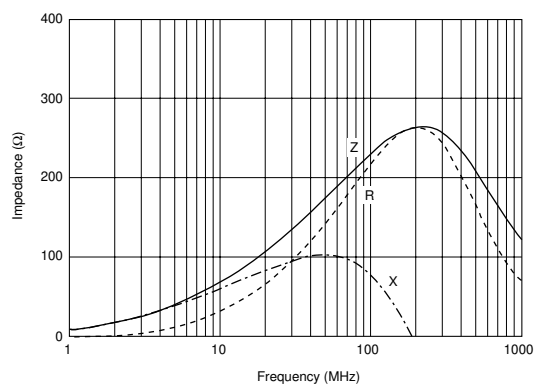
■ Impedance-Frequency Characteristics

BLM21PG600SN1



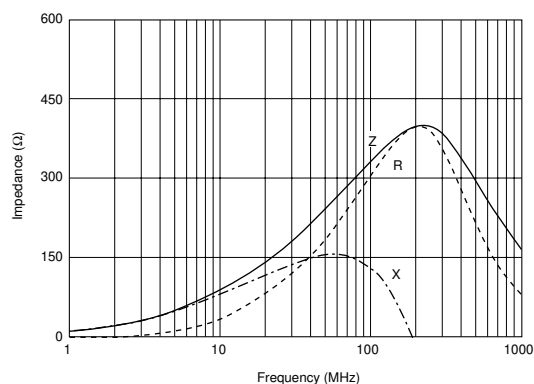
■ Impedance-Frequency Characteristics

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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