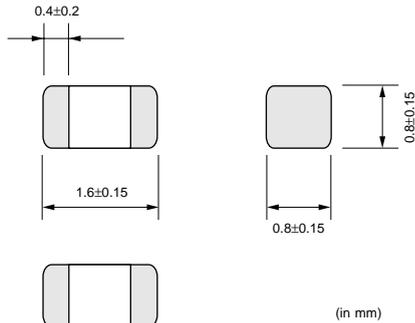


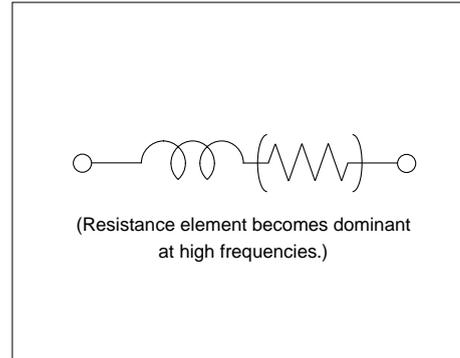
Chip EMIFIL[®] Inductor Type Chip Ferrite Beads

BLM18P 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 |
|----------------|-------------------------------|-----------------------------|---------------|---------------------|--------------------------------|
| BLM18PG300SN1□ | 30ohm(Typ.) | - | 1000mA | 0.05ohm | -55°C to +125°C |
| BLM18PG330SN1□ | 33ohm±25% | - | 3000mA | 0.025ohm | -55°C to +125°C |
| BLM18PG600SN1□ | 60ohm(Typ.) | - | 500mA | 0.10ohm | -55°C to +125°C |
| BLM18PG121SN1□ | 120ohm±25% | - | 2000mA | 0.05ohm | -55°C to +125°C |
| BLM18PG181SN1□ | 180ohm±25% | - | 1500mA | 0.09ohm | -55°C to +125°C |
| BLM18PG221SN1□ | 220ohm±25% | - | 1400mA | 0.10ohm | -55°C to +125°C |
| BLM18PG331SN1□ | 330ohm±25% | - | 1200mA | 0.15ohm | -55°C to +125°C |
| BLM18PG471SN1□ | 470ohm±25% | - | 1000mA | 0.20ohm | -55°C to +125°C |

Number of Circuits: 1

Continued on the following page.

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

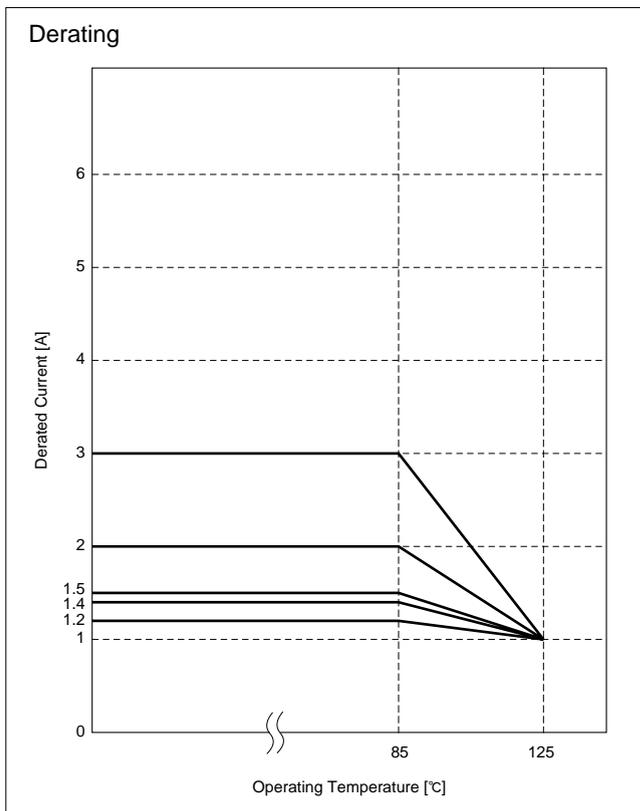
⚠ Note:

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

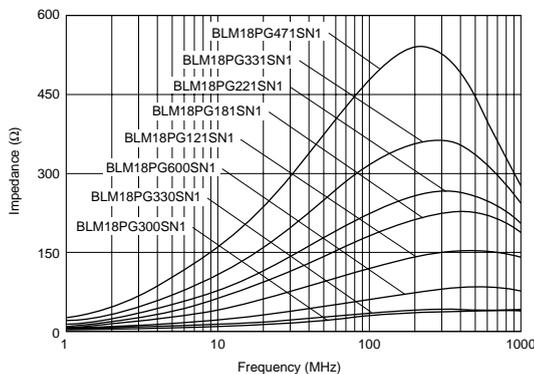
Continued from the preceding page.

Notice (Rating)

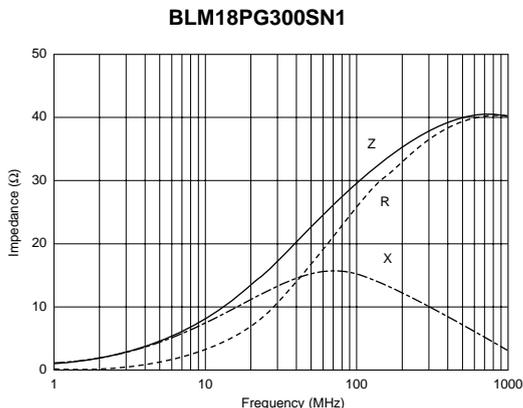
In operating temperature exceeding +85°C, derating of current is necessary for BLM18PG series. Please apply the derating curve shown in chart according to the operating temperature.



Impedance-Frequency Characteristics (Main)



Impedance-Frequency Characteristics



Continued on the following page. ↗

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

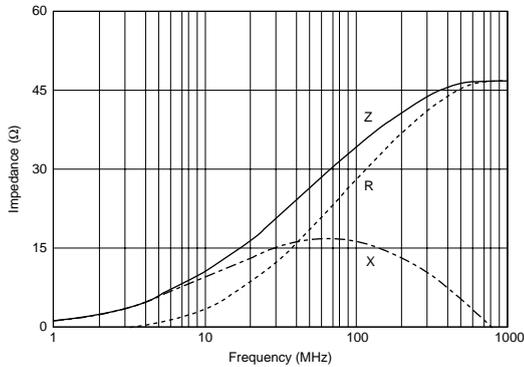
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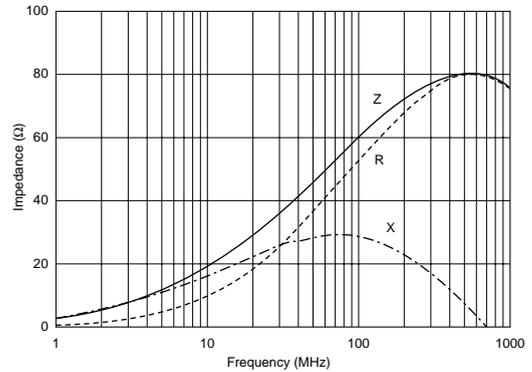
Impedance-Frequency Characteristics

BLM18PG330SN1



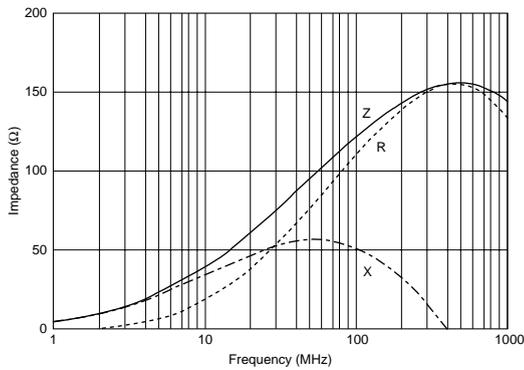
Impedance-Frequency Characteristics

BLM18PG600SN1



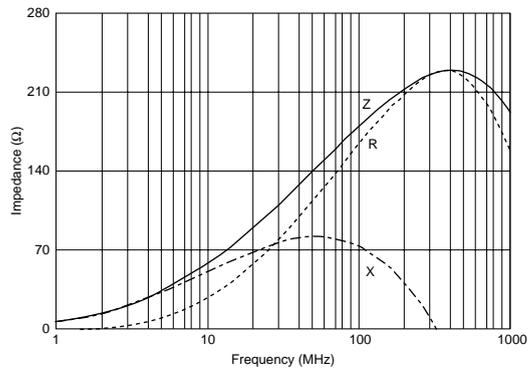
Impedance-Frequency Characteristics

BLM18PG121SN1



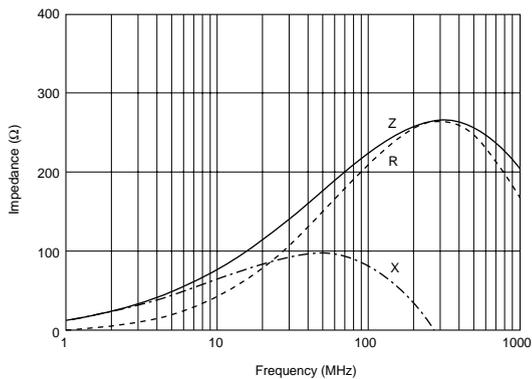
Impedance-Frequency Characteristics

BLM18PG181SN1



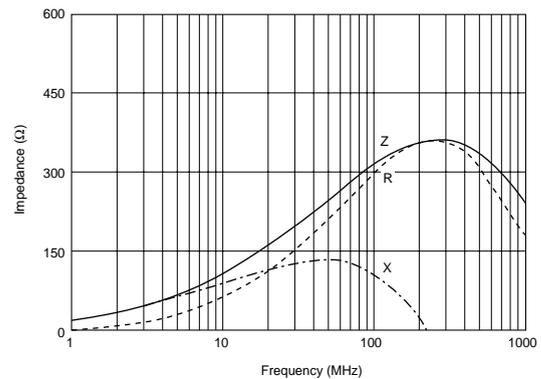
Impedance-Frequency Characteristics

BLM18PG221SN1



Impedance-Frequency Characteristics

BLM18PG331SN1



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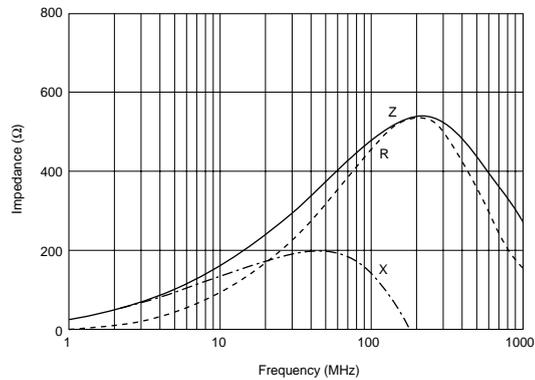
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Continued from the preceding page.

Impedance-Frequency Characteristics

BLM18PG471SN1



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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