

BLM18P Series 0603/1608 (inch/mm)

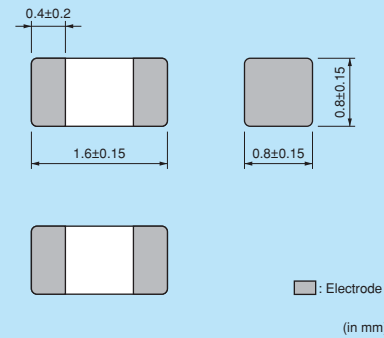


0603 size for power lines.

*Please refer to the products designed for both power lines and signal lines.



■ Dimensions



■ Equivalent Circuit



(Resistance element becomes dominant at high frequencies.)

■ Packaging

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

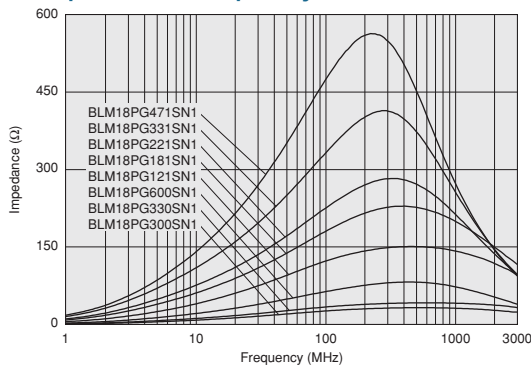
Refer to pages from p.100 to p.103 for mounting information.

■ Rated Value (□: packaging code)

| Part Number | Impedance (at 100MHz/20°C) | Rated Current | DC Resistance | Operating Temperature Range | |
|----------------|----------------------------|---------------|---------------|-----------------------------|---------------|
| BLM18PG300SN1□ | 30ohm (Typ.) | 1000mA | 0.05ohm max. | -55°C to +125°C | Kit $\geq 1A$ |
| BLM18PG330SN1□ | 33ohm $\pm 25\%$ | 3000mA | 0.025ohm max. | -55°C to +125°C | Kit $\geq 3A$ |
| BLM18PG600SN1□ | 60ohm (Typ.) | 500mA | 0.10ohm max. | -55°C to +125°C | Kit |
| BLM18PG121SN1□ | 120ohm $\pm 25\%$ | 2000mA | 0.05ohm max. | -55°C to +125°C | Kit $\geq 1A$ |
| BLM18PG181SN1□ | 180ohm $\pm 25\%$ | 1500mA | 0.09ohm max. | -55°C to +125°C | Kit $\geq 1A$ |
| BLM18PG221SN1□ | 220ohm $\pm 25\%$ | 1400mA | 0.10ohm max. | -55°C to +125°C | Kit $\geq 1A$ |
| BLM18PG331SN1□ | 330ohm $\pm 25\%$ | 1200mA | 0.15ohm max. | -55°C to +125°C | Kit $\geq 1A$ |
| BLM18PG471SN1□ | 470ohm $\pm 25\%$ | 1000mA | 0.20ohm max. | -55°C to +125°C | Kit $\geq 1A$ |

Number of Circuits: 1

■ Impedance-Frequency Characteristics

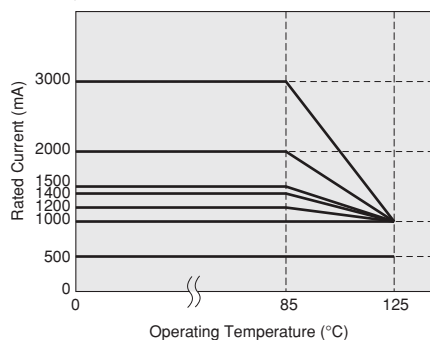


■ Notice (Rating)

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.

Derating of Rated Current



Continued on the following page.

△Note • Please read rating and △CAUTION (for storage, operating, rating, soldering, mounting and handling) in this catalog to prevent smoking and/or burning, etc.
 • This catalog has only typical specifications. Therefore, please approve our product specifications or transact the approval sheet for product specifications before ordering.

Chip Ferrite Bead 0603/1608 (inch/mm)

Chip EMIFIL®

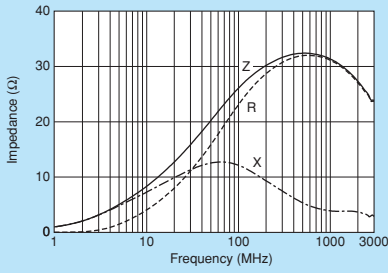
Chip Common Mode Choke Coil

Block Type EMIFIL®

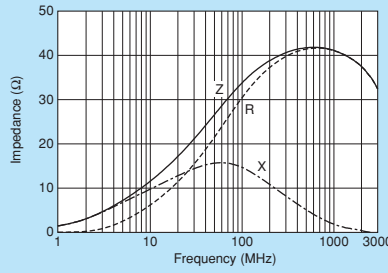
Microwave Absorber

Impedance-Frequency Characteristics

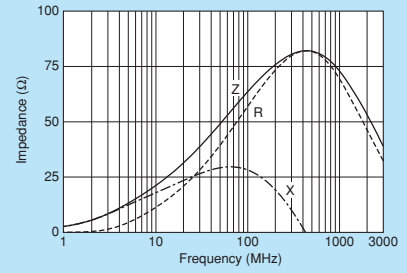
BLM18PG300SN1



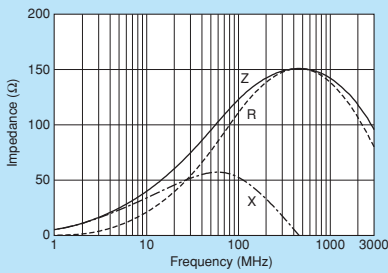
BLM18PG330SN1



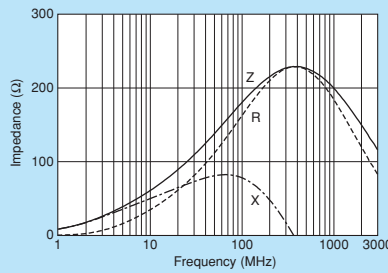
BLM18PG600SN1



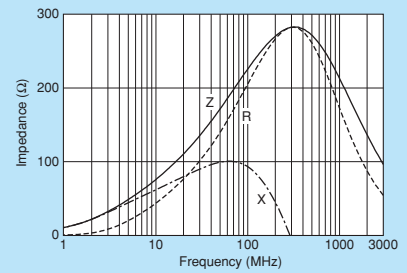
BLM18PG121SN1



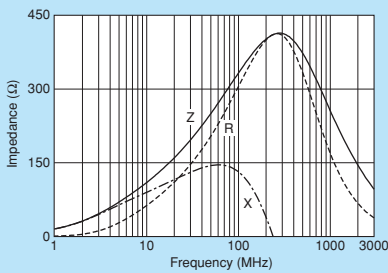
BLM18PG181SN1



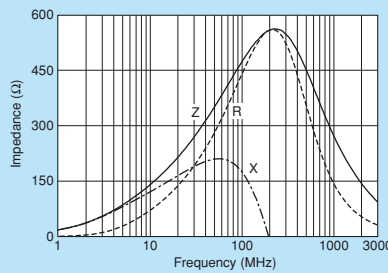
BLM18PG221SN1



BLM18PG331SN1



BLM18PG471SN1



0603/1608 (inch/mm)
Chip Ferrite Bead

Chip EMIFIL®

Chip Common Mode Choke Coil

Block Type EMIFIL®

Microwave Absorber

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