

# BLM18K Series 0603/1608 (inch/mm)

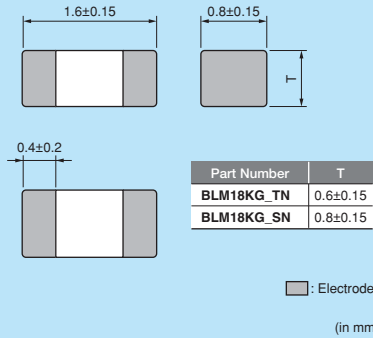


6A max., high performance type for power lines up to 600ohm.

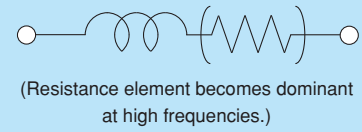
\*Please refer to the products designed for both power lines and signal lines.



### ■ Dimensions



### ■ Equivalent Circuit



### ■ Packaging

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

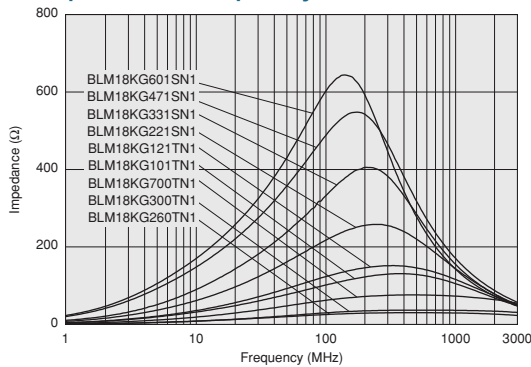
Refer to pages from p.100 to p.103 for mounting information.

### ■ Rated Value (□: packaging code)

| Part Number    | Impedance (at 100MHz/20°C) | Rated Current | DC Resistance | Operating Temperature Range | Kit | Current Rating |
|----------------|----------------------------|---------------|---------------|-----------------------------|-----|----------------|
| BLM18KG260TN1□ | 26ohm ±25%                 | 6000mA        | 0.007ohm max. | -55°C to +125°C             | Kit | ≥3A            |
| BLM18KG300TN1□ | 30ohm ±25%                 | 5000mA        | 0.010ohm max. | -55°C to +125°C             | Kit | ≥3A            |
| BLM18KG700TN1□ | 70ohm ±25%                 | 3500mA        | 0.022ohm max. | -55°C to +125°C             | Kit | ≥3A            |
| BLM18KG101TN1□ | 100ohm ±25%                | 3000mA        | 0.030ohm max. | -55°C to +125°C             | Kit | ≥3A            |
| BLM18KG121TN1□ | 120ohm ±25%                | 3000mA        | 0.030ohm max. | -55°C to +125°C             | Kit | ≥3A            |
| BLM18KG221SN1□ | 220ohm ±25%                | 2200mA        | 0.050ohm max. | -55°C to +125°C             | Kit | ≥1A            |
| BLM18KG331SN1□ | 330ohm ±25%                | 1700mA        | 0.080ohm max. | -55°C to +125°C             | Kit | ≥1A            |
| BLM18KG471SN1□ | 470ohm ±25%                | 1500mA        | 0.130ohm max. | -55°C to +125°C             | Kit | ≥1A            |
| BLM18KG601SN1□ | 600ohm ±25%                | 1300mA        | 0.150ohm max. | -55°C to +125°C             | Kit | ≥1A            |

Number of Circuits: 1

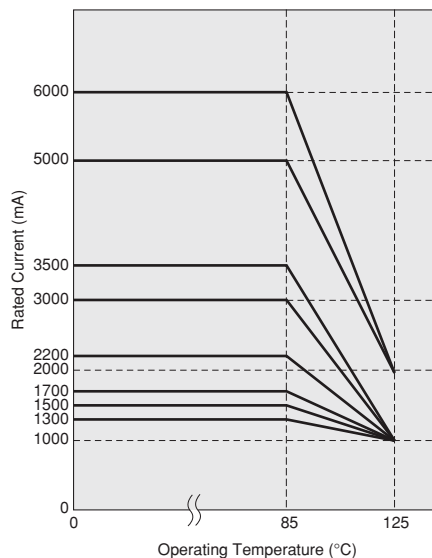
### ■ Impedance-Frequency Characteristics



### ■ Notice (Rating)

In operating temperature exceeding +85°C, derating of current is necessary for BLM18KG 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.  
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Chip Ferrite Bead 0603/1608 (inch/mm)

Chip EMIFIL®

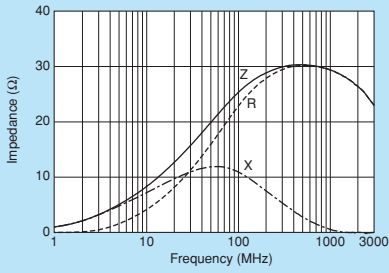
Chip Common Mode Choke Coil

Block Type EMIFIL®

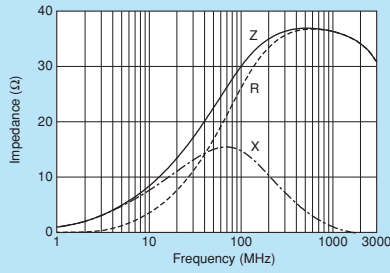
Microwave Absorber

Impedance-Frequency Characteristics

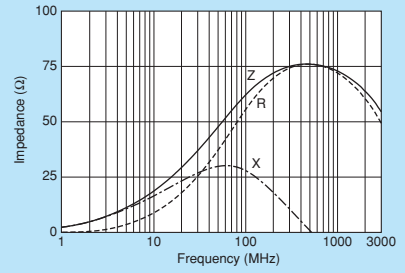
BLM18KG260TN1



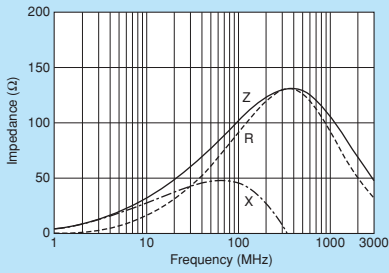
BLM18KG300TN1



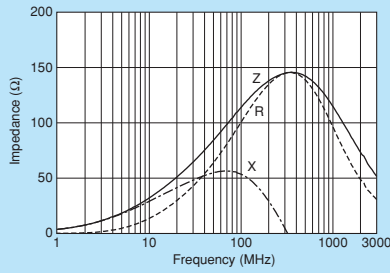
BLM18KG700TN1



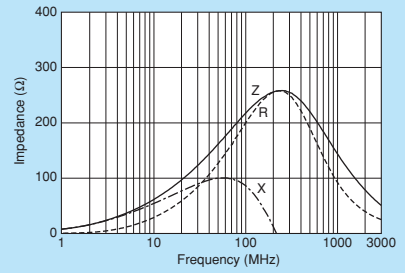
BLM18KG101TN1



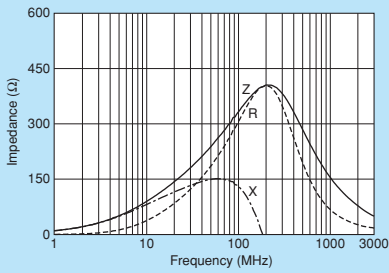
BLM18KG121TN1



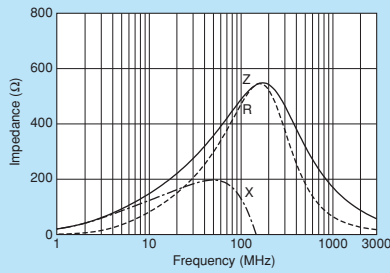
BLM18KG221SN1



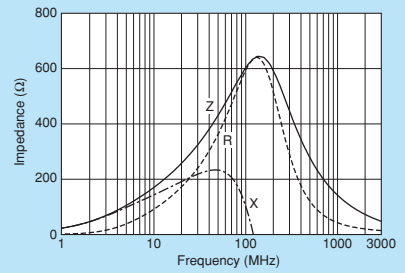
BLM18KG331SN1



BLM18KG471SN1



BLM18KG601SN1



0603/1608 (inch/mm)  
Chip Ferrite Bead

Chip EMIFIL®

Chip Common Mode Choke Coil

Block Type EMIFIL®

Microwave Absorber

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