

BLM18K Series 0603/1608 (inch/mm)

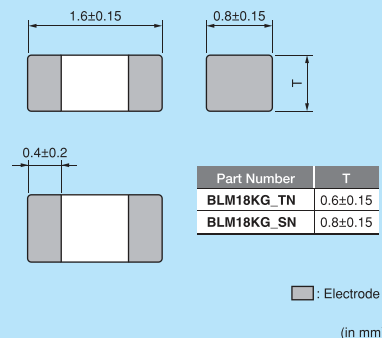


6A max., high performance type for power lines up to 600ohm.

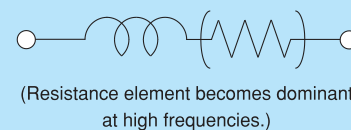
*Please refer to the products designed for both power lines and signal lines.



■ Dimensions



■ Equivalent Circuit



■ Packaging

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

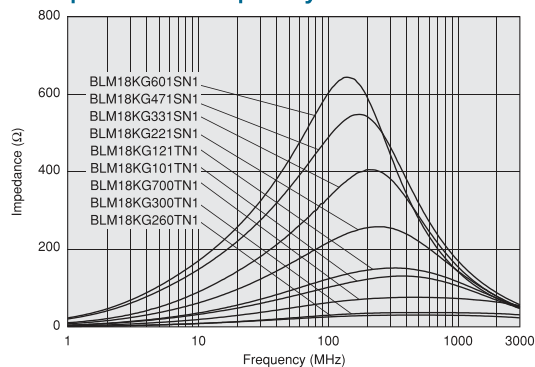
Refer to pages from p.100 to p.103 for mounting information.

■ Rated Value (□: packaging code)

Part Number	Impedance (at 100MHz/20°C)	Rated Current	DC Resistance	Operating Temperature Range		
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

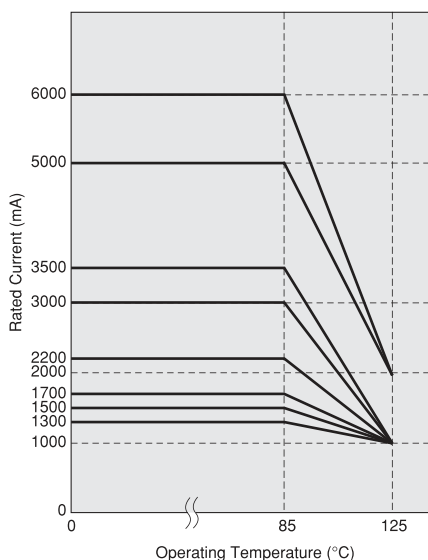


■ Notice (Rating)

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

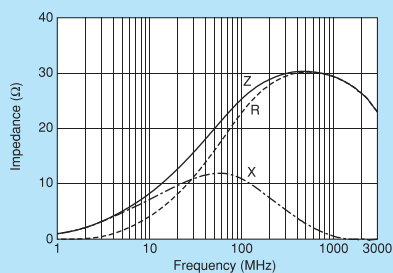


Continued on the following page.

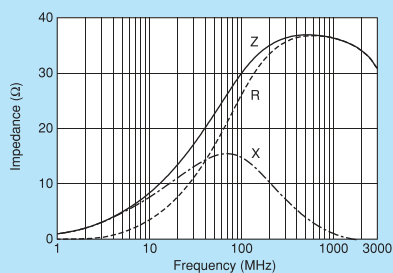
△Note • Please read rating and △CAUTION (for storage, operating, rating, soldering, mounting and handling) in this catalog to prevent smoking and/or burning, etc.
• This catalog has only typical specifications. Therefore, please approve our product specifications or transact the approval sheet for product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

Impedance-Frequency Characteristics

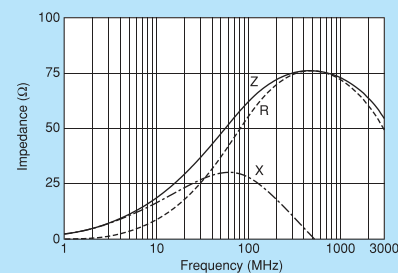
BLM18KG260TN1



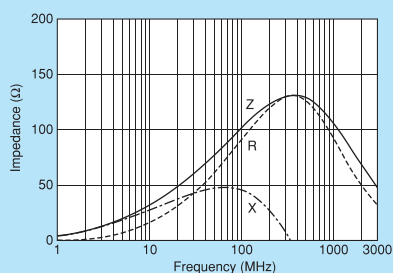
BLM18KG300TN1



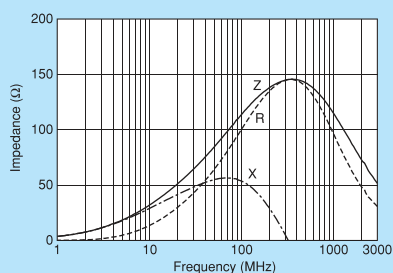
BLM18KG700TN1



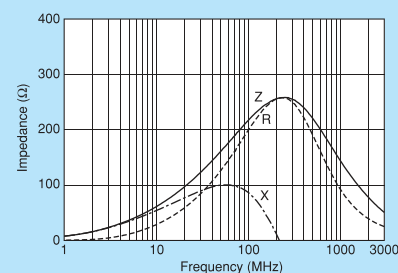
BLM18KG101TN1



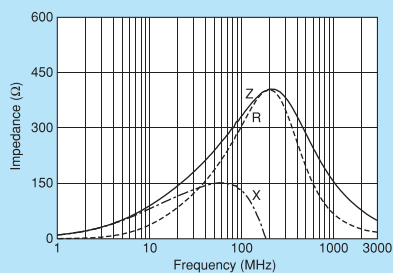
BLM18KG121TN1



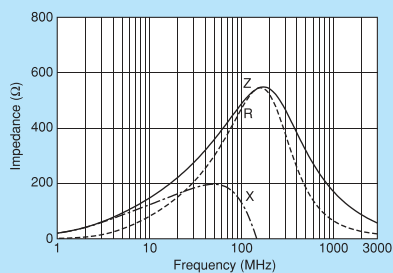
BLM18KG221SN1



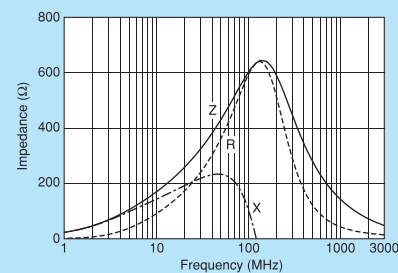
BLM18KG331SN1



BLM18KG471SN1



BLM18KG601SN1



0603/1608 (inch/mm)
Chip Ferrite Bead

Chip EMIFIL®

Chip Common Mode Choke Coil

Block Type EMIFIL®

Microwave Absorber

⚠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.