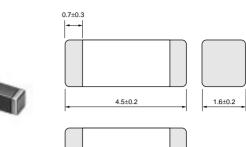
BLM41P Series (1806 Size)





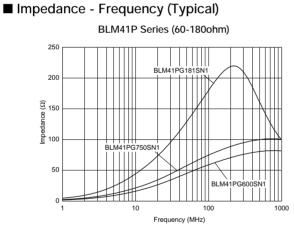
BLM41P Series

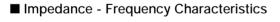
(in mm)

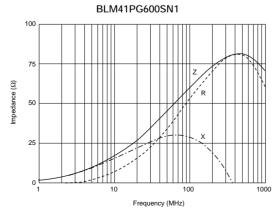
Part Number	Impedance (at 100MHz/20°C) (ohm)	Rated Current (mA)	DC Resistance (max.) (ohm)	Operating Temperature Range (°C)
BLM41PG600SN1	60 (Тур.)	6000	0.01	-55 to +125
BLM41PG750SN1	75 (Тур.)	3000	0.025	-55 to +125
BLM41PG181SN1	180 ±25%	3000	0.025	-55 to +125
BLM41PG471SN1	470 ±25%	2000	0.05	-55 to +125
BLM41PG102SN1	1000 ±25%	1500	0.09	-55 to +125

For the items of rated current higher than 1500mA, derating is required.

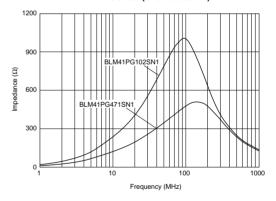
Please refer to p.68, "Derating of Rated Current".

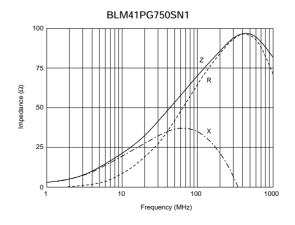






BLM41P Series (470-1000ohm)

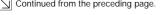


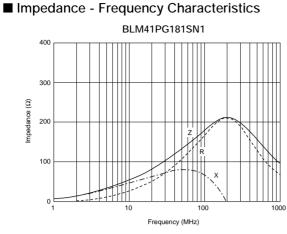


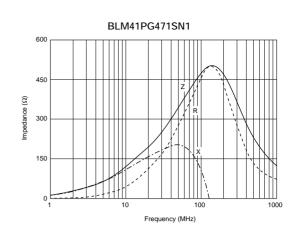
Continued on the following page. $\boxed{}$

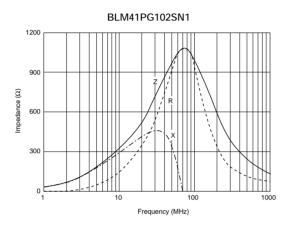


Note
• This PDF catalog is downloaded from the website of Murata Manufacturing co., ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
• This PDF catalog 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. C31E.pdf 08.9.1 Continued from the preceding page.









BLM18K Series (0603 Size)

Features

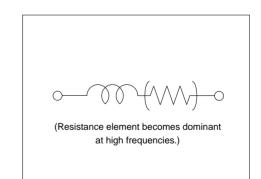
The chip ferrite beads BLM series is designed to function nearly as a resistor at noise frequencies, which greatly reduces the possibility of resonance and leaves signal wave forms undistorted.

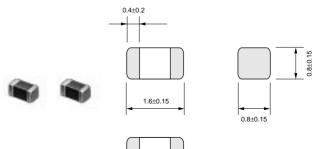
BLM series is effective in circuits without stable ground lines because BLM series does not need a connection to ground.

The nickel barrier structure of the external

electrodes provides excellent solder heat resistance. BLM_K series can be used in high current circuits due to its low DC resistance. It can match power lines to a maximum of 6A DC.

Equivalent Circuit





BLM18KG Series

(in mm)



ANote • This PDF catalog 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.
 • This PDF catalog 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.
 08.9.1

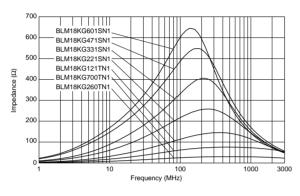
Part Number	Impedance (at 100MHz/20°C) (ohm)	Rated Current (mA)	DC Resistance (max.) (ohm)	Operating Temperature Range (°C)
BLM18KG260TN1	26 ±25%	6000	0.007	-55 to +125
BLM18KG700TN1	70 ±25%	3500	0.022	-55 to +125
BLM18KG121TN1	120 ±25%	3000	0.030	-55 to +125
BLM18KG221SN1	220 ±25%	2200	0.050	-55 to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

For the items of rated current higher than 1200mA, derating is required.

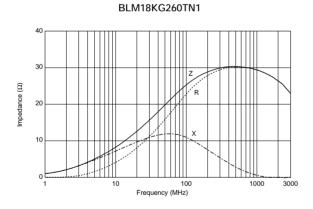
Please refer to p.66,"Derating of Rated Current".

■ Impedance - Frequency (Typical)

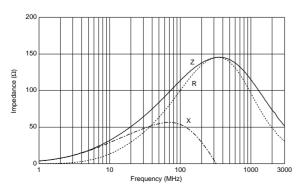
BLM18K Series



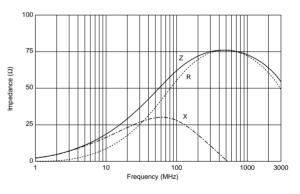
■ Impedance - Frequency Characteristics



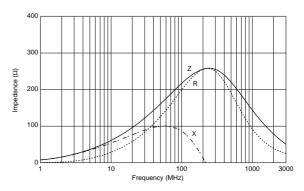
BLM18KG121TN1



BLM18KG700TN1



BLM18KG221SN1



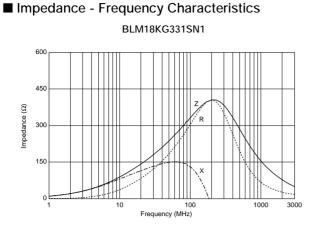
Continued on the following page.



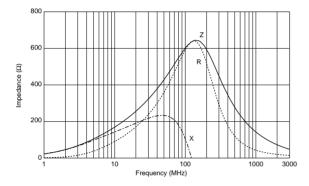
1

Continued from the preceding page.

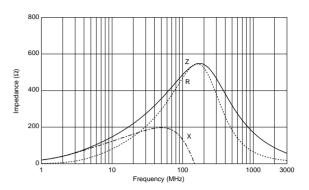
1



BLM18KG601SN1



BLM18KG471SN1



■ Notice (Rating)

In operating temperatures exceeding +85°C, derating of current is necessary for chip Ferrite Beads for which rated current is 1300mA or over. Please apply the derating curve shown in chart according to the operating temperature.

