

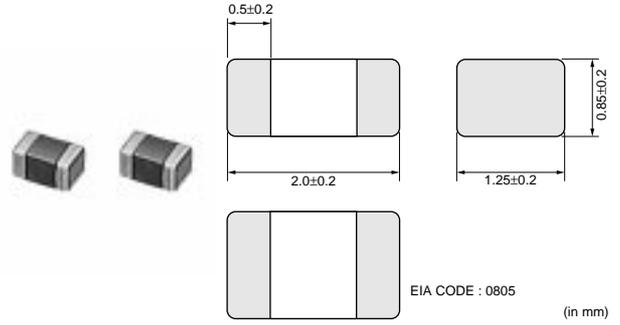
BLM21P Series

■ 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.

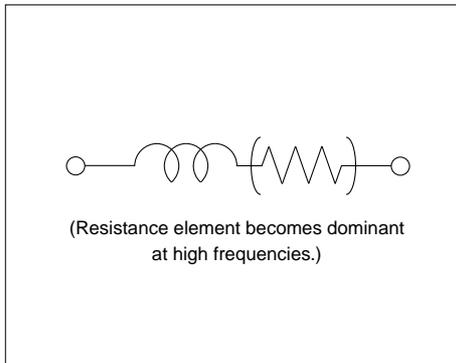
The nickel barrier structure of the external electrodes provides excellent solder heat resistance. BLM_P series can be used in high current circuits due to its low DC resistance.



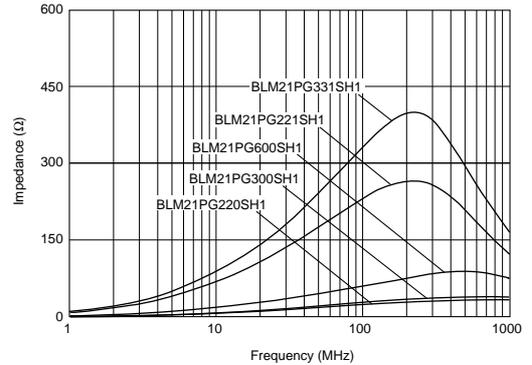
Part Number	Impedance (at 100MHz/20°C) (ohm)	Rated Current (mA)	DC Resistance (max.) (ohm)	Operating Temperature Range (°C)
BLM21PG220SH1	22 ±25%	6000	0.01	-55 to +125
BLM21PG300SH1	30 (Typ.)	3000	0.015	-55 to +125
BLM21PG600SH1	60 ±25%	3000	0.025	-55 to +125
BLM21PG221SH1	220 ±25%	2000	0.050	-55 to +125
BLM21PG331SH1	330 ±25%	1500	0.09	-55 to +125

At rated current higher than 1500mA, derating is required. Please refer to p.29, "Derating of Rated Current".

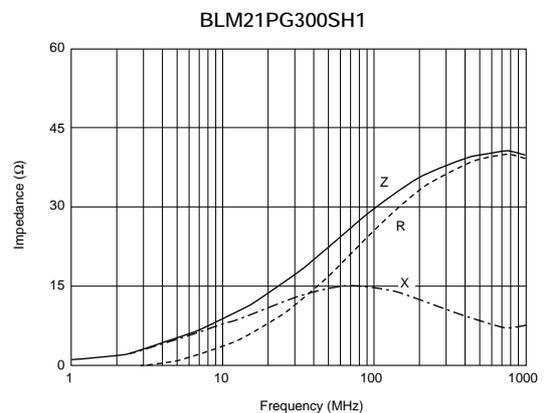
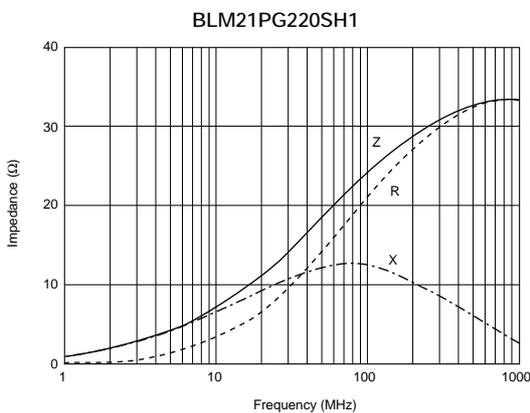
■ Equivalent Circuit



■ Impedance - Frequency (Typical)



■ Impedance - Frequency Characteristics

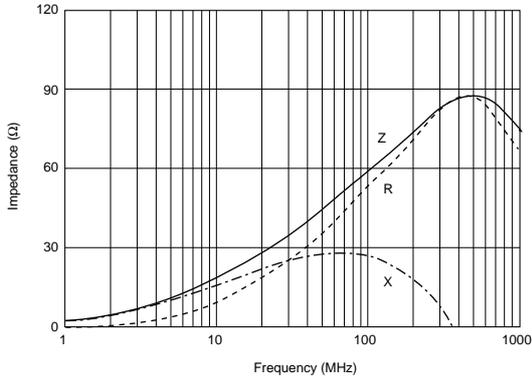


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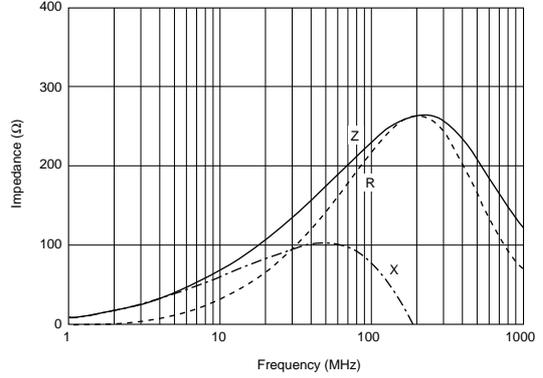
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1 ■ Impedance - Frequency Characteristics

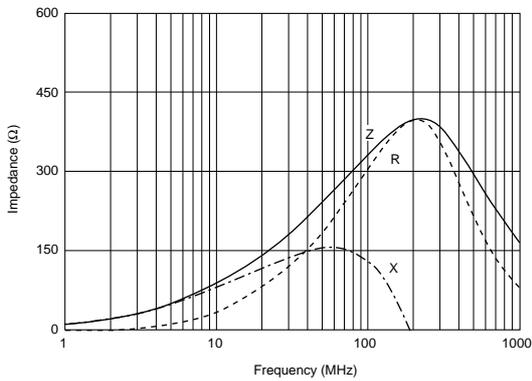
BLM21PG600SH1



BLM21PG221SH1



BLM21PG331SH1



BLM31P Series

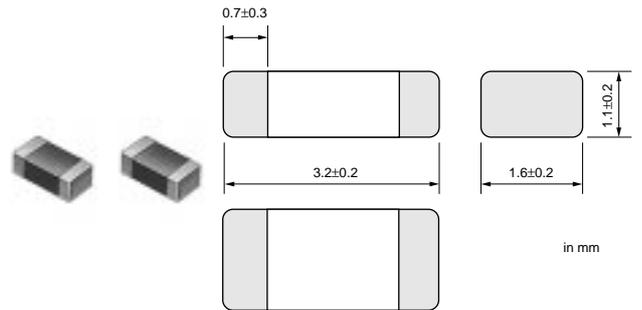
■ Features

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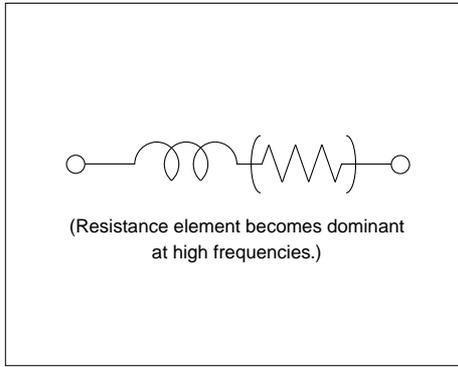
BLM_P series can be used in high current circuits due to its low DC resistance.



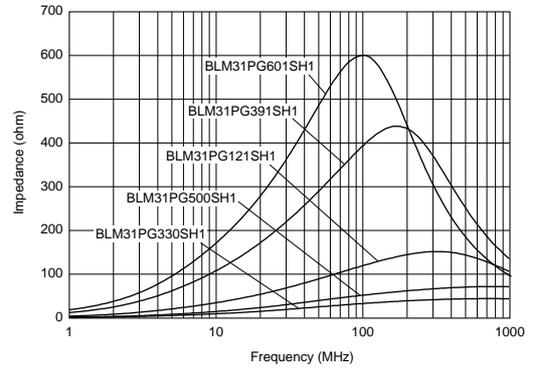
Part Number	Impedance (at 100MHz/20°C) (ohm)	Rated Current (mA)	DC Resistance (max.) (ohm)	Operating Temperature Range (°C)
BLM31PG330SH1	33 ±25%	6000	0.01	-55 to +125
BLM31PG500SH1	50 (Typ.)	3000	0.025	-55 to +125
BLM31PG121SH1	120 ±25%	3000	0.025	-55 to +125
BLM31PG391SH1	390 ±25%	2000	0.05	-55 to +125
BLM31PG601SH1	600 ±25%	1500	0.09	-55 to +125

At rated current higher than 1500mA, derating is required. Please refer to p.29, "Derating of Rated Current".

Equivalent Circuit



Impedance - Frequency (Typical)



Impedance - Frequency Characteristics

