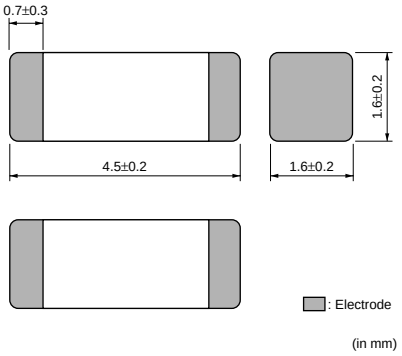
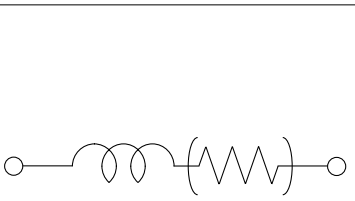
For Automotive Chip Ferrite Bead for Automotive

BLM41P Series (1806 Size)

■ Dimensions



■ Equivalent Circuit



(Resistance element becomes dominant at high frequencies.)

■ Packaging

Code	Packaging	Minimum Quantity
L	180mm Embossed Tape	2500
K	330mm Embossed Tape	8000
B	Bulk(Bag)	1000

■ Rated Value (□: packaging code)

Part Number	Impedance (at 100MHz/20°C)	Impedance (at 1GHz/20°C)	Rated Current	DC Resistance(max.)	Operating Temperature Range
BLM41PG600SH1□	60ohm(Typ.)	-	6000mA	0.01ohm	-55°C to +125°C
BLM41PG750SH1□	75ohm(Typ.)	-	3000mA	0.025ohm	-55°C to +125°C
BLM41PG181SH1□	180ohm±25%	-	3000mA	0.025ohm	-55°C to +125°C
BLM41PG471SH1□	470ohm±25%	-	2000mA	0.05ohm	-55°C to +125°C
BLM41PG102SH1□	1000ohm±25%	-	1500mA	0.09ohm	-55°C to +125°C

Number of Circuits: 1

Continued on the following page.

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⚠ **Note:**

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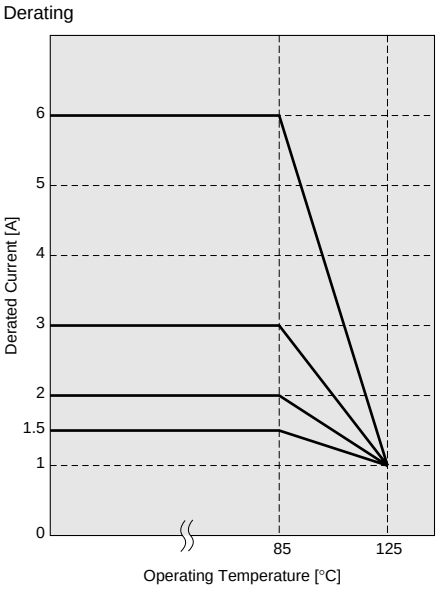
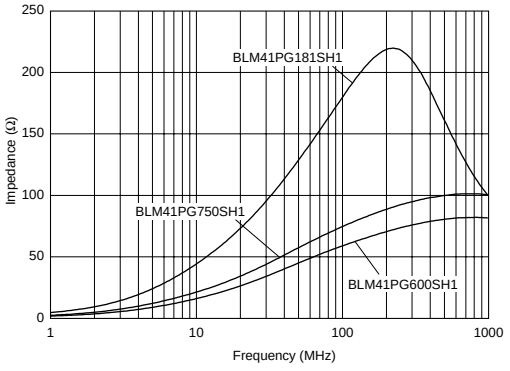
■ Derating of Rated Current

In operating temperature exceeding +85°C, derating of current is necessary for BLM41PG series.
Please apply the derating curve shown in chart according to the operating temperature.



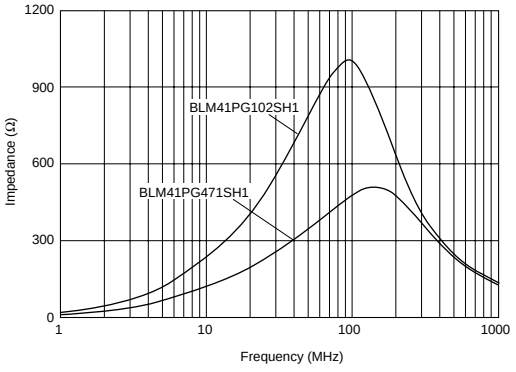
■ Impedance-Frequency Characteristics (Main Items)

BLM41PG Series



■ Impedance-Frequency Characteristics (Main Items)

BLM41PG Series



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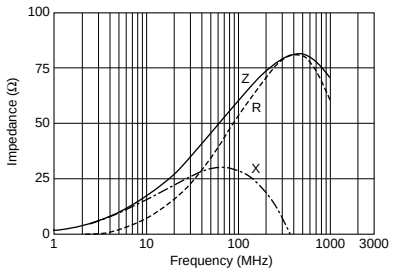
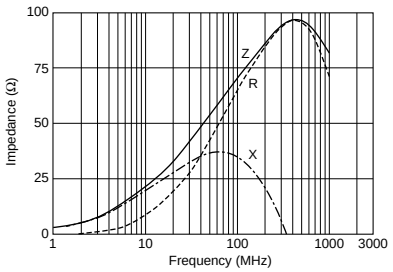
■ Impedance-Frequency Characteristics

BLM41PG600SH1



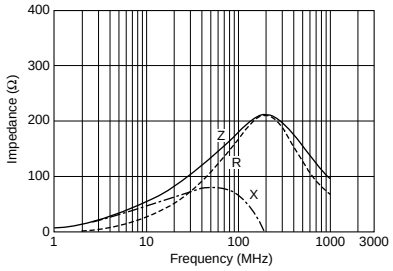
■ Impedance-Frequency Characteristics

BLM41PG750SH1



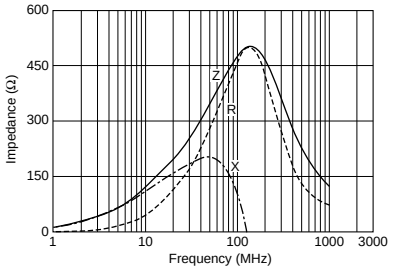
■ Impedance-Frequency Characteristics

BLM41PG181SH1



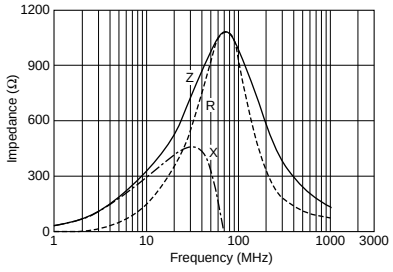
■ Impedance-Frequency Characteristics

BLM41PG471SH1



■ Impedance-Frequency Characteristics

BLM41PG102SH1



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■ ⚠Caution/Notice

⚠Caution (Rating)

1. Do not use products beyond the rated current as this may create excessive heat and deteriorate the insulation resistance.
2. Be sure to provide an appropriate fail-safe function on your product to prevent a second damage that may be caused by the abnormal function or the failure our product.

Notice

Solderability of Tin plating termination chip might be deteriorated when low temperature soldering profile where peak solder temperature is below the Tin melting point is used. Please confirm the solderability of Tin plating termination chip before use.

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