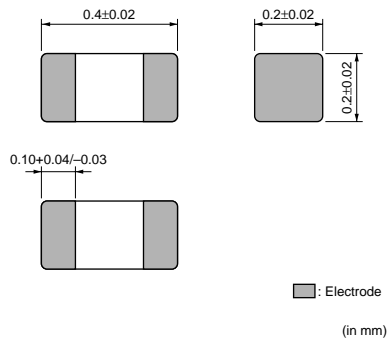


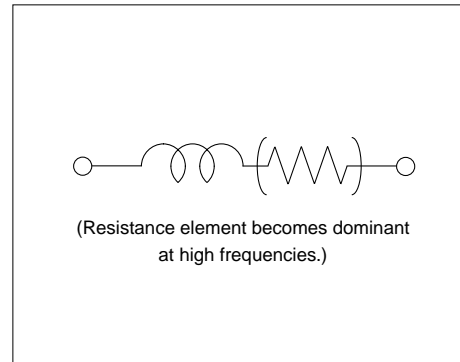
EMIFIL® (Inductor type) Chip Ferrite Bead

BLM02A Series (01005 Size)

■ Dimensions



■ Equivalent Circuit



■ Packaging

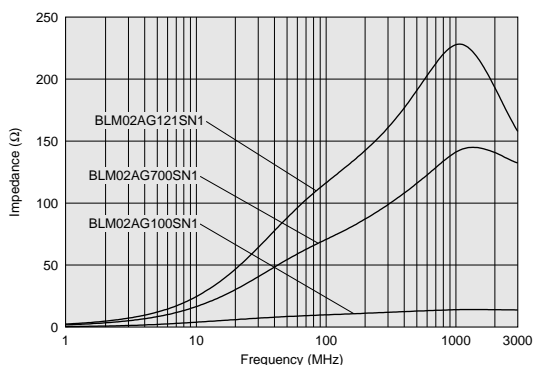
Code	Packaging	Minimum Quantity
D	180mm Paper Tape	20000
B	Bulk(Bag)	1000

■ Rated Value (□: packaging code)

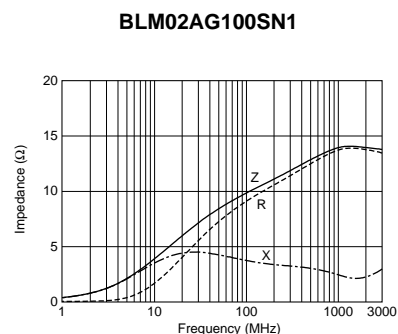
Part Number	Impedance (at 100MHz/20°C)	Impedance (at 1GHz/20°C)	Rated Current	DC Resistance	Operating Temperature Range
BLM02AG100SN1 □	10ohm (Typ.)	-	500mA	0.1ohm max.	-55 to +125°C
BLM02AG700SN1 □	70ohm ±25%	-	250mA	0.5ohm max.	-55 to +125°C
BLM02AG121SN1 □	120ohm ±25%	-	200mA	0.8ohm max.	-55 to +125°C

Number of Circuits: 1

■ Impedance-Frequency Characteristics (Main Items)



■ Impedance-Frequency Characteristics



Continued on the following page.

● This data sheet is applied for CHIP FERRITE BEAD used for General Electronics equipment for your design.

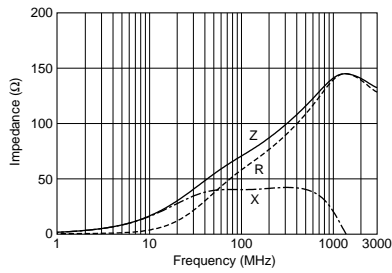
⚠ Note:

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Continued from the preceding page.

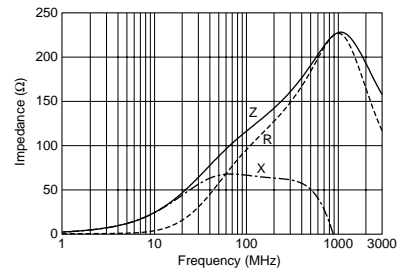
■ Impedance-Frequency Characteristics

BLM02AG700SN1



■ Impedance-Frequency Characteristics

BLM02AG121SN1



■ ⚠ Caution/Notice

⚠ Caution (Rating)

Do not use products beyond the rated current as this may create excessive heat and deteriorate the insulation resistance.

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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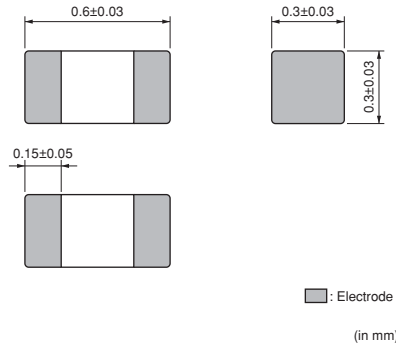
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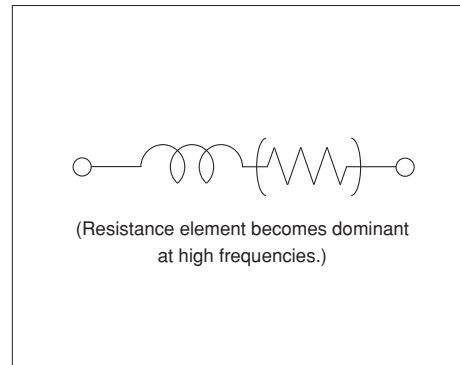
EMIFIL® (Inductor type) Chip Ferrite Bead

BLM03AX Series (0201 Size)

■ Dimensions



■ Equivalent Circuit



■ Packaging

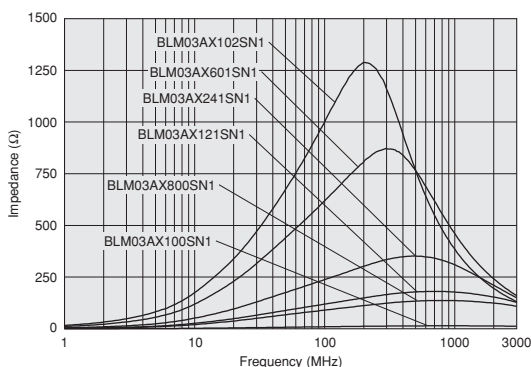
Code	Packaging	Minimum Quantity
D	180mm Paper Tape	15000
J	330mm Paper Tape	50000
B	Bulk(Bag)	1000

■ Rated Value (□: packaging code)

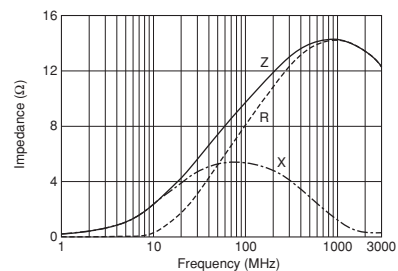
Part Number	Impedance (at 100MHz/20°C)	Impedance (at 1GHz/20°C)	Rated Current	DC Resistance	Operating Temperature Range
BLM03AX100SN1□	10ohm (Typ.)	-	1000mA	0.05ohm max.	-55 to +125°C
BLM03AX800SN1□	80ohm ±25%	-	500mA	0.18ohm max.	-55 to +125°C
BLM03AX121SN1□	120ohm ±25%	-	450mA	0.23ohm max.	-55 to +125°C
BLM03AX241SN1□	240ohm ±25%	-	350mA	0.38ohm max.	-55 to +125°C
BLM03AX601SN1□	600ohm ±25%	-	250mA	0.85ohm max.	-55 to +125°C
BLM03AX102SN1□	1000ohm ±25%	-	200mA	1.25ohm max.	-55 to +125°C

Number of Circuits: 1

■ Impedance-Frequency Characteristics (Main Items)



■ Impedance-Frequency Characteristics BLM03AX100SN1



Continued on the following page.

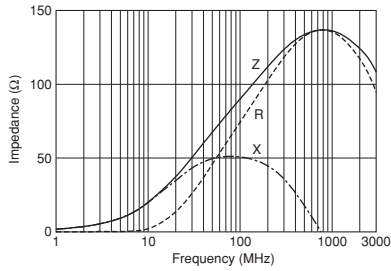
● This data sheet is applied for CHIP FERRITE BEAD used for General Electronics equipment for your design.

⚠ Note:

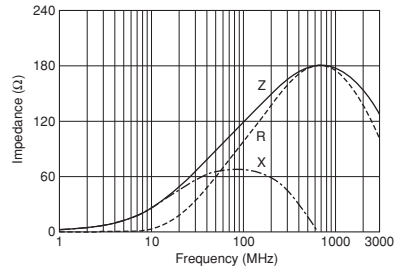
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Continued from the preceding page.

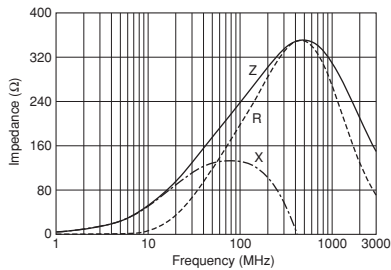
Impedance-Frequency Characteristics
BLM03AX800SN1



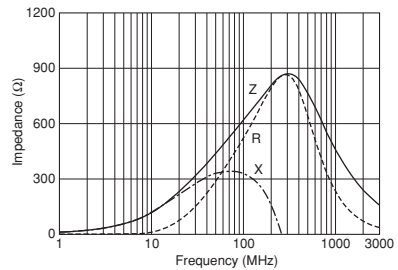
Impedance-Frequency Characteristics
BLM03AX121SN1



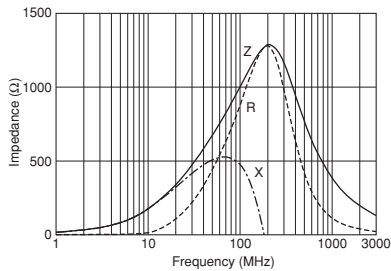
Impedance-Frequency Characteristics
BLM03AX241SN1



Impedance-Frequency Characteristics
BLM03AX601SN1



Impedance-Frequency Characteristics
BLM03AX102SN1




Continued on the following page.

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 Continued from the preceding page.

■ Caution/Notice

Caution (Rating)

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Notice

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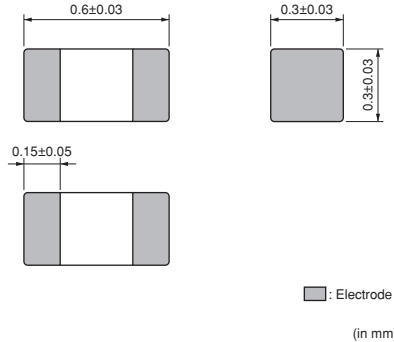
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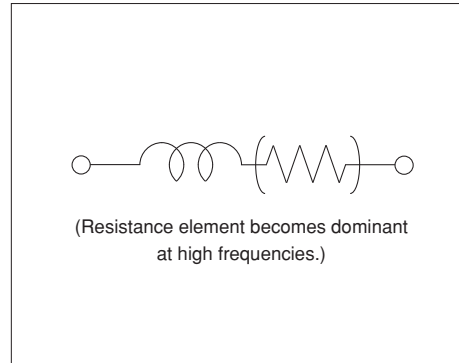
EMIFIL® (Inductor type) Chip Ferrite Bead

BLM03PG Series (0201 Size)

■ Dimensions



■ Equivalent Circuit



■ Packaging

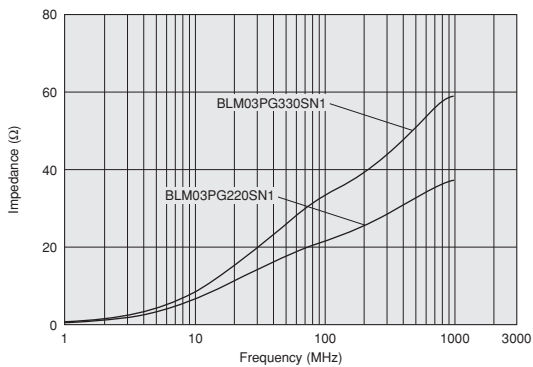
Code	Packaging	Minimum Quantity
D	180mm Paper Tape	15000
J	330mm Paper Tape	50000
B	Bulk(Bag)	1000

■ Rated Value (□: packaging code)

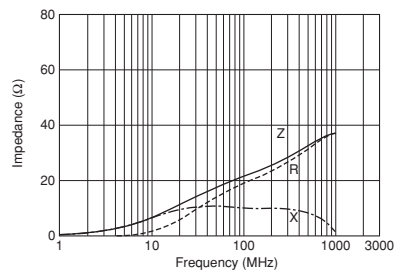
Part Number	Impedance (at 100MHz/20°C)	Impedance (at 1GHz/20°C)	Rated Current	DC Resistance	Operating Temperature Range
BLM03PG220SN1□	22ohm ±25%	-	900mA	0.065ohm max.	-55 to +125°C
BLM03PG330SN1□	33ohm ±25%	-	750mA	0.090ohm max.	-55 to +125°C

Number of Circuits: 1

■ Impedance-Frequency Characteristics (Main Items)



■ Impedance-Frequency Characteristics BLM03PG220SN1




Continued on the following page.

● This data sheet is applied for CHIP FERRITE BEAD used for General Electronics equipment for your design.

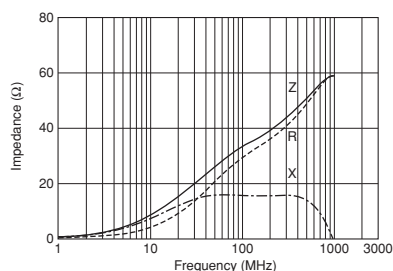
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 Continued from the preceding page.

■ Impedance-Frequency Characteristics

BLM03PG330SN1



■ ⚠ Caution/Notice

⚠ Caution (Rating)

Do not use products beyond the rated current as this may create excessive heat and deteriorate the insulation resistance.

Notice

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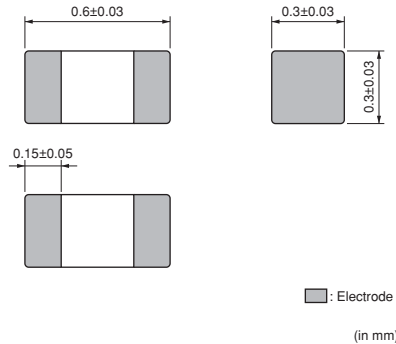
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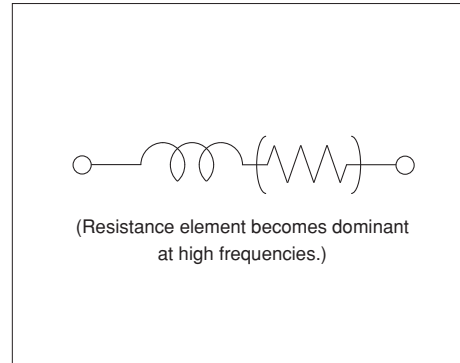
EMIFIL® (Inductor type) Chip Ferrite Bead

BLM03PX Series (0201 Size)

■ Dimensions



■ Equivalent Circuit



■ Packaging

Code	Packaging	Minimum Quantity
D	180mm Paper Tape	15000
J	330mm Paper Tape	50000
B	Bulk(Bag)	1000

■ Rated Value (□: packaging code)

Part Number	Impedance (at 100MHz/20°C)	Impedance (at 1GHz/20°C)	Rated Current	DC Resistance	Operating Temperature Range
BLM03PX220SN1□	22ohm ±25%	-	1800mA	0.040ohm max.	-55 to +125°C
BLM03PX330SN1□	33ohm ±25%	-	1500mA	0.055ohm max.	-55 to +125°C
BLM03PX800SN1□	80ohm ±25%	-	1000mA	0.130ohm max.	-55 to +125°C

Number of Circuits: 1

Continued on the following page.

● This data sheet is applied for CHIP FERRITE BEAD used for General Electronics equipment for your design.

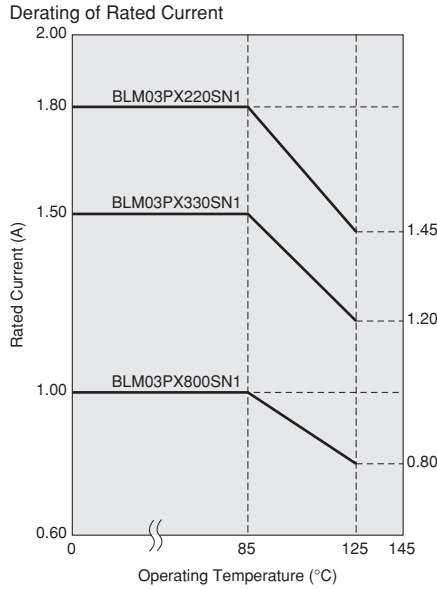
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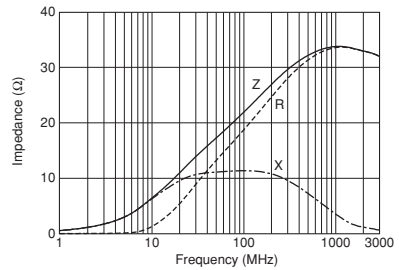
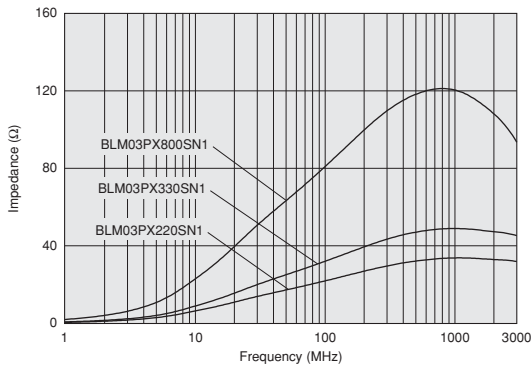
Derating of Rated Current

In operating temperature exceeding +85°C, derating of current is necessary for BLM03PX_SN1 series. Please apply the derating curve shown in chart according to the operating temperature.



Impedance-Frequency Characteristics (Main Items)

Impedance-Frequency Characteristics BLM03PX220SN1



Continued on the following page.

This data sheet is applied for CHIP FERRITE BEAD used for General Electronics equipment for your design.

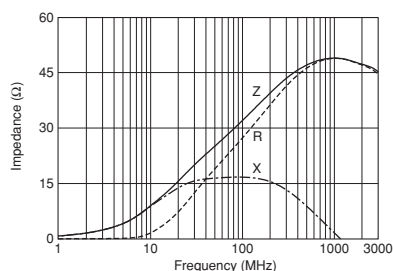
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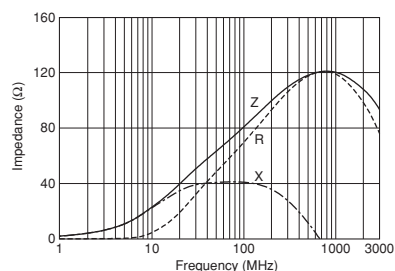
Impedance-Frequency Characteristics

BLM03PX330SN1



Impedance-Frequency Characteristics

BLM03PX800SN1



Caution/Notice

Caution (Rating)

Do not use products beyond the rated current as this may create excessive heat and deteriorate the insulation resistance.

Notice

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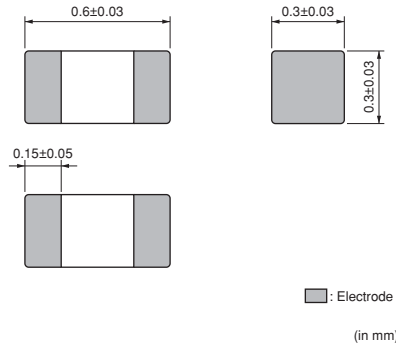
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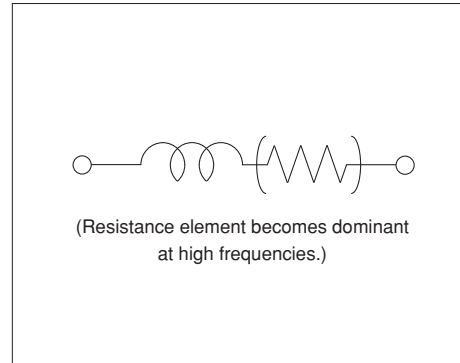
EMIFIL® (Inductor type) Chip Ferrite Bead

BLM03AG Series (0201 Size)

■ Dimensions



■ Equivalent Circuit



■ Packaging

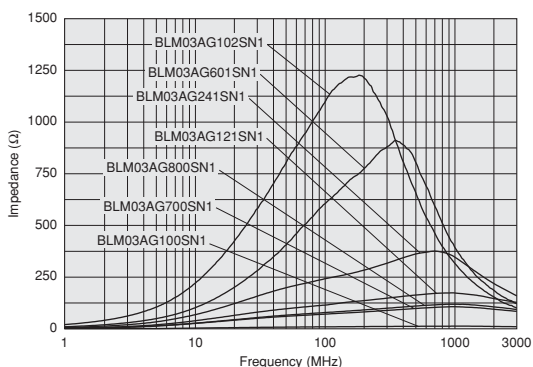
Code	Packaging	Minimum Quantity
D	180mm Paper Tape	15000
J	330mm Paper Tape	50000
B	Bulk(Bag)	1000

■ Rated Value (□: packaging code)

Part Number	Impedance (at 100MHz/20°C)	Impedance (at 1GHz/20°C)	Rated Current	DC Resistance	Operating Temperature Range
BLM03AG100SN1□	10ohm (Typ.)	-	500mA	0.1ohm max.	-55 to +125°C
BLM03AG700SN1□	70ohm (Typ.)	-	200mA	0.4ohm max.	-55 to +125°C
BLM03AG800SN1□	80ohm ±25%	-	200mA	0.4ohm max.	-55 to +125°C
BLM03AG121SN1□	120ohm ±25%	-	200mA	0.5ohm max.	-55 to +125°C
BLM03AG241SN1□	240ohm ±25%	-	200mA	0.8ohm max.	-55 to +125°C
BLM03AG601SN1□	600ohm ±25%	-	100mA	1.5ohm max.	-55 to +125°C
BLM03AG102SN1□	1000ohm ±25%	-	100mA	2.5ohm max.	-55 to +125°C

Number of Circuits: 1

■ Impedance-Frequency Characteristics (Main Items)



Continued on the following page.

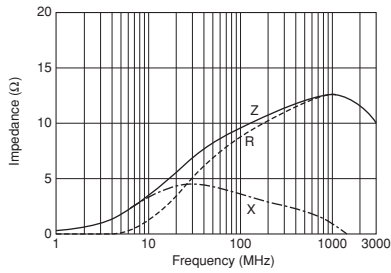
● This data sheet is applied for CHIP FERRITE BEAD used for General Electronics equipment for your design.

⚠ Note:

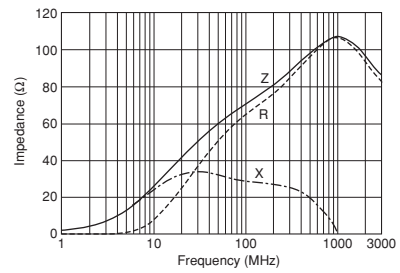
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Continued from the preceding page.

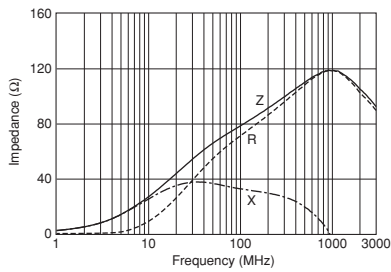
Impedance-Frequency Characteristics
BLM03AG100SN1



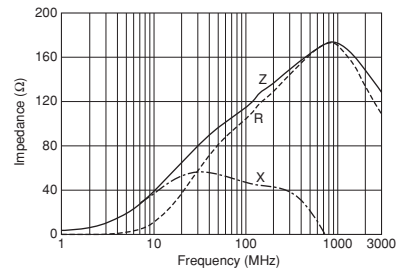
Impedance-Frequency Characteristics
BLM03AG700SN1



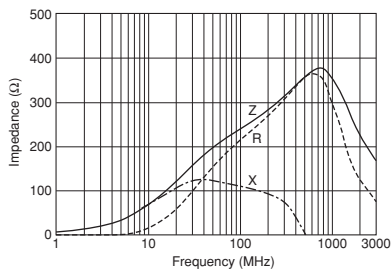
Impedance-Frequency Characteristics
BLM03AG800SN1



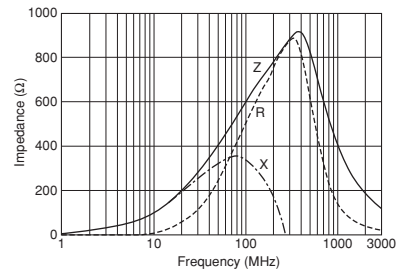
Impedance-Frequency Characteristics
BLM03AG121SN1



Impedance-Frequency Characteristics
BLM03AG241SN1



Impedance-Frequency Characteristics
BLM03AG601SN1




Continued on the following page.

● This data sheet is applied for CHIP FERRITE BEAD used for General Electronics equipment for your design.

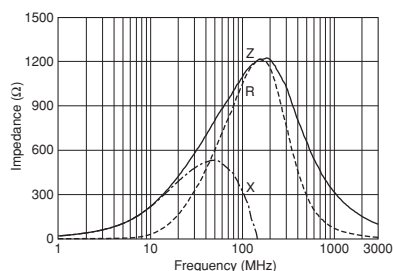
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 Continued from the preceding page.

■ Impedance-Frequency Characteristics

BLM03AG102SN1



■ ⚠ Caution/Notice

⚠ Caution (Rating)

Do not use products beyond the rated current as this may create excessive heat and deteriorate the insulation resistance.

Notice

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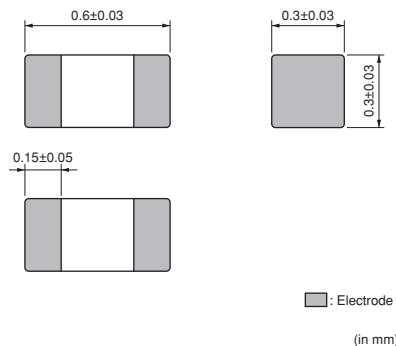
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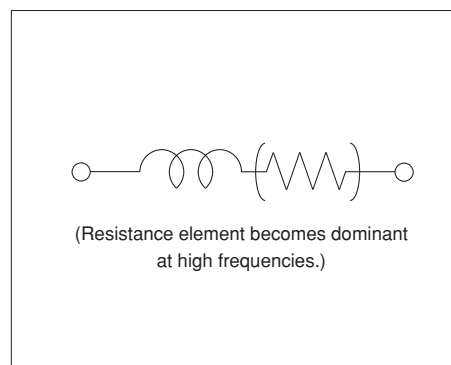
EMIFIL® (Inductor type) Chip Ferrite Bead

BLM03B Series (0201 Size)

■ Dimensions



■ Equivalent Circuit



■ Packaging

Code	Packaging	Minimum Quantity
D	180mm Paper Tape	15000
J	330mm Paper Tape	50000
B	Bulk(Bag)	1000

■ Rated Value (□: packaging code)

Part Number	Impedance (at 100MHz/20°C)	Impedance (at 1GHz/20°C)	Rated Current	DC Resistance	Operating Temperature Range
BLM03BD750SN1□	75ohm ±25%	-	300mA	0.4ohm max.	-55 to +125°C
BLM03BD121SN1□	120ohm ±25%	-	250mA	0.5ohm max.	-55 to +125°C
BLM03BD241SN1□	240ohm ±25%	-	200mA	0.8ohm max.	-55 to +125°C
BLM03BD471SN1□	470ohm ±25%	-	215mA	1.5ohm max.	-55 to +125°C
BLM03BD601SN1□	600ohm ±25%	-	200mA	1.7ohm max.	-55 to +125°C
BLM03BB100SN1□	10ohm ±25%	-	300mA	0.4ohm max.	-55 to +125°C
BLM03BB220SN1□	22ohm ±25%	-	200mA	0.5ohm max.	-55 to +125°C
BLM03BB470SN1□	47ohm ±25%	-	200mA	0.7ohm max.	-55 to +125°C
BLM03BB750SN1□	75ohm ±25%	-	200mA	1.0ohm max.	-55 to +125°C
BLM03BB121SN1□	120ohm ±25%	-	100mA	1.5ohm max.	-55 to +125°C
BLM03BC330SN1□	33ohm ±25%	-	150mA	0.85ohm max.	-55 to +125°C
BLM03BC560SN1□	56ohm ±25%	-	100mA	1.05ohm max.	-55 to +125°C
BLM03BC800SN1□	80ohm ±25%	-	100mA	1.40ohm max.	-55 to +125°C

Number of Circuits: 1

Continued on the following page.

● This data sheet is applied for CHIP FERRITE BEAD used for General Electronics equipment for your design.

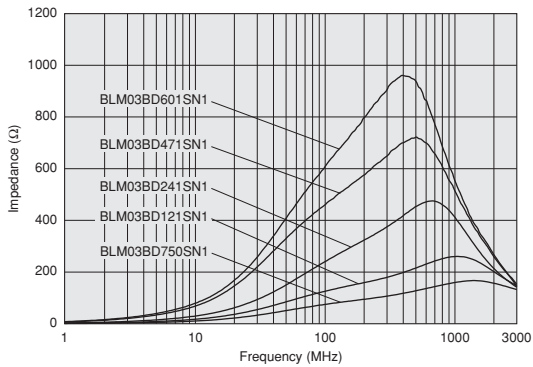
⚠ Note:

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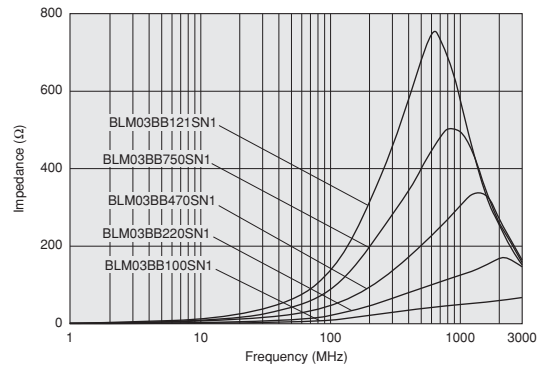
Impedance-Frequency Characteristics (Main Items)

BLM03BD Series



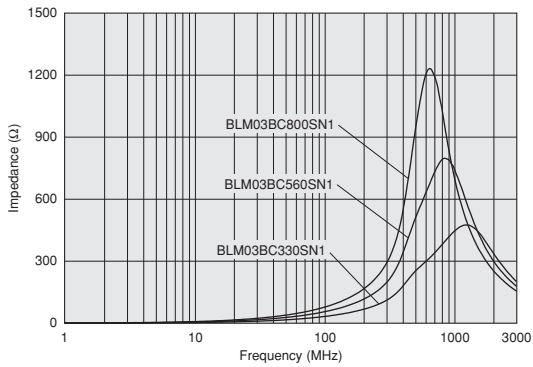
Impedance-Frequency Characteristics (Main Items)

BLM03BB Series



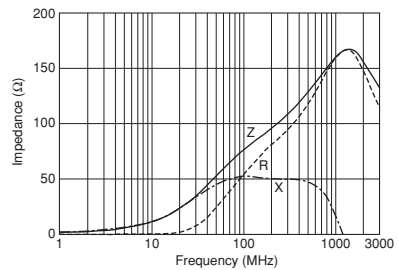
Impedance-Frequency Characteristics (Main Items)

BLM03BC Series



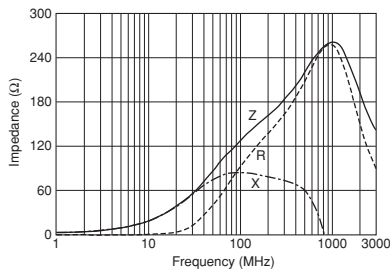
Impedance-Frequency Characteristics

BLM03BD750SN1



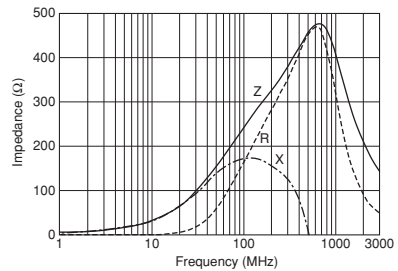
Impedance-Frequency Characteristics

BLM03BD121SN1



Impedance-Frequency Characteristics

BLM03BD241SN1



Continued on the following page.

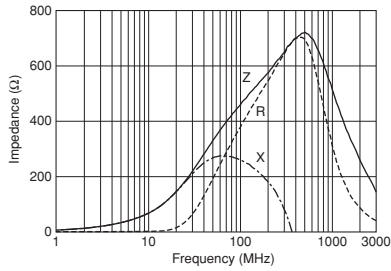
● This data sheet is applied for CHIP FERRITE BEAD used for General Electronics equipment for your design.

Note:

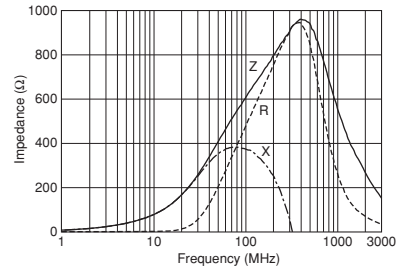
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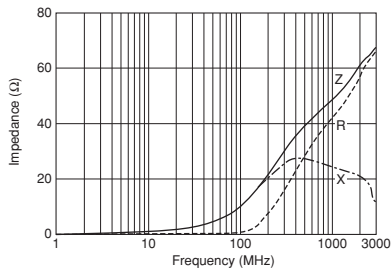
Impedance-Frequency Characteristics
BLM03BD471SN1



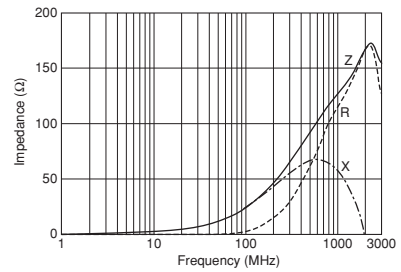
Impedance-Frequency Characteristics
BLM03BD601SN1



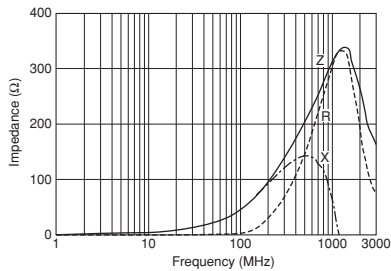
Impedance-Frequency Characteristics
BLM03BB100SN1



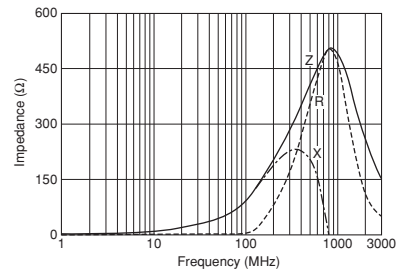
Impedance-Frequency Characteristics
BLM03BB220SN1



Impedance-Frequency Characteristics
BLM03BB470SN1



Impedance-Frequency Characteristics
BLM03BB750SN1



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● This data sheet is applied for CHIP FERRITE BEAD used for General Electronics equipment for your design.

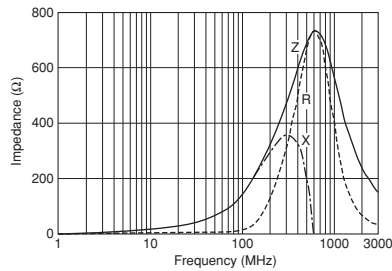
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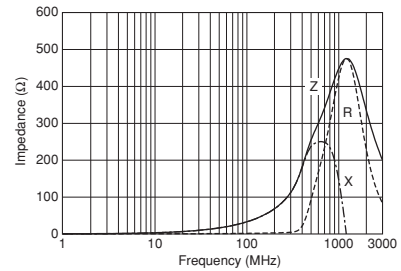
Impedance-Frequency Characteristics

BLM03BB121SN1



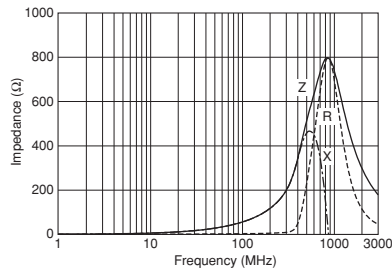
Impedance-Frequency Characteristics

BLM03BC330SN1



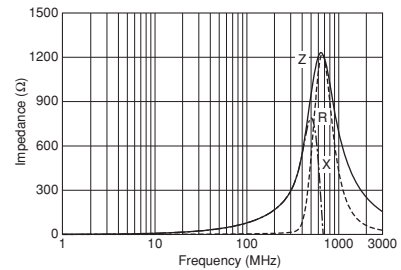
Impedance-Frequency Characteristics

BLM03BC560SN1



Impedance-Frequency Characteristics

BLM03BC800SN1



Caution/Notice

Caution (Rating)

Do not use products beyond the rated current as this may create excessive heat and deteriorate the insulation resistance.

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.

This data sheet is applied for CHIP FERRITE BEAD used for General Electronics equipment for your design.

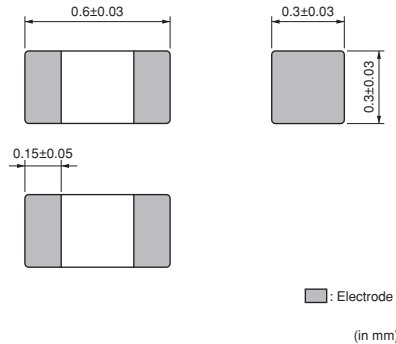
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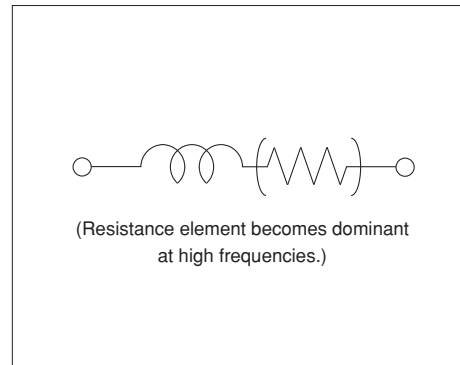
EMIFIL® (Inductor type) Chip Ferrite Bead for GHz Noise

BLM03H Series (0201 Size)

■ Dimensions



■ Equivalent Circuit



■ Packaging

Code	Packaging	Minimum Quantity
D	180mm Paper Tape	15000
J	330mm Paper Tape	50000
B	Bulk(Bag)	1000

■ Rated Value (□: packaging code)

Part Number	Impedance (at 100MHz/20°C)	Impedance (at 1GHz/20°C)	Rated Current	DC Resistance	Operating Temperature Range
BLM03HG601SN1□	600ohm ±25%	1000ohm ±40%	150mA	1.6ohm max.	-55 to +125°C
BLM03HG102SN1□	1000ohm ±25%	1800ohm ±40%	125mA	2.6ohm max.	-55 to +125°C
BLM03HD331SN1□	330ohm ±25%	750ohm ±40%	200mA	1.0ohm max.	-55 to +125°C
BLM03HD471SN1□	470ohm ±25%	1000ohm ±40%	175mA	1.3ohm max.	-55 to +125°C
BLM03HD601SN1□	600ohm ±25%	1500ohm ±40%	150mA	1.7ohm max.	-55 to +125°C
BLM03HD102SN1□	1000ohm ±25%	2300ohm ±40%	120mA	2.9ohm max.	-55 to +125°C
BLM03HB191SN1□	190ohm ±25%	1150ohm ±40%	150mA	2.0ohm max.	-55 to +125°C

Number of Circuits: 1

Continued on the following page.

● This data sheet is applied for CHIP FERRITE BEAD used for General Electronics equipment for your design.

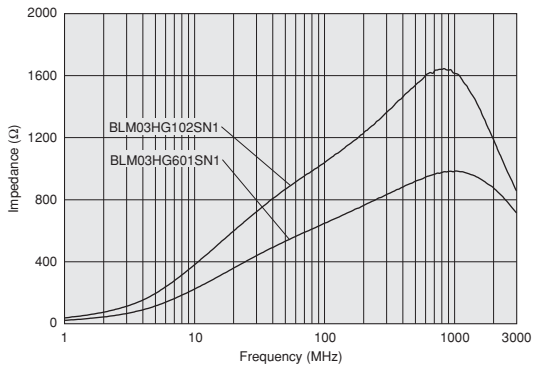
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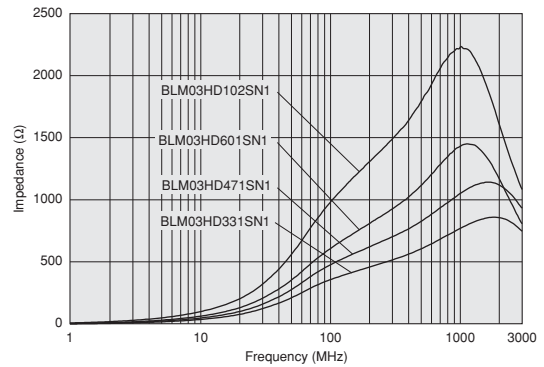
Impedance-Frequency Characteristics (Main Items)

BLM03HG Series



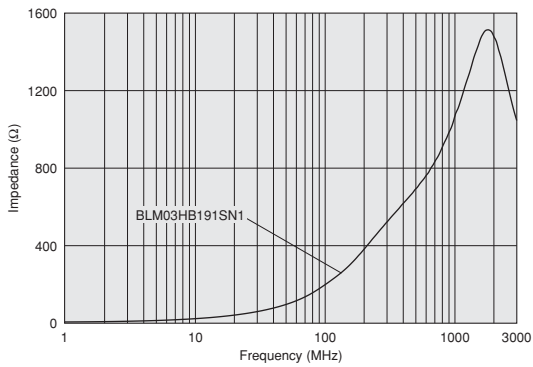
Impedance-Frequency Characteristics (Main Items)

BLM03HD Series



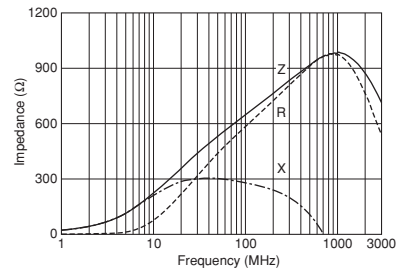
Impedance-Frequency Characteristics (Main Items)

BLM03HB Series



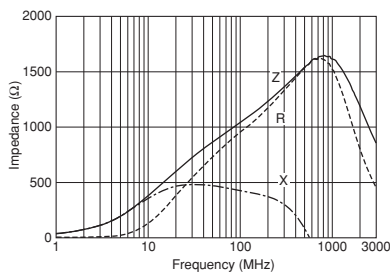
Impedance-Frequency Characteristics

BLM03HG601SN1



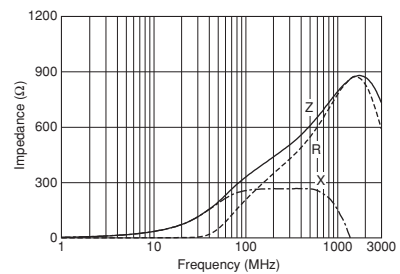
Impedance-Frequency Characteristics

BLM03HG102SN1



Impedance-Frequency Characteristics

BLM03HD331SN1



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● This data sheet is applied for CHIP FERRITE BEAD used for General Electronics equipment for your design.

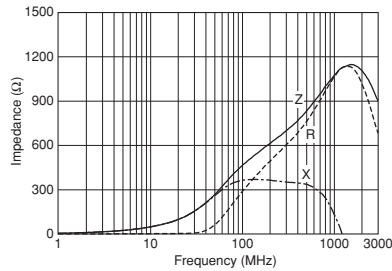
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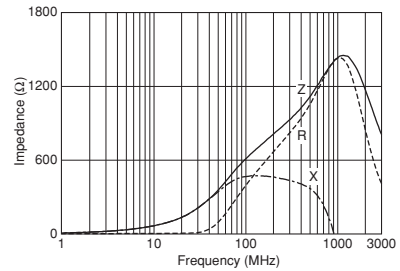
Impedance-Frequency Characteristics

BLM03HD471SN1



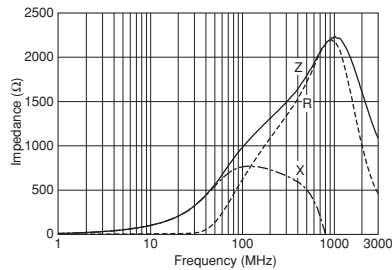
Impedance-Frequency Characteristics

BLM03HD601SN1



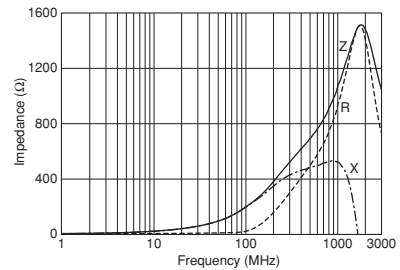
Impedance-Frequency Characteristics

BLM03HD102SN1



Impedance-Frequency Characteristics

BLM03HB191SN1



Caution/Notice

Caution (Rating)

Do not use products beyond the rated current as this may create excessive heat and deteriorate the insulation resistance.

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.

This data sheet is applied for CHIP FERRITE BEAD used for General Electronics equipment for your design.

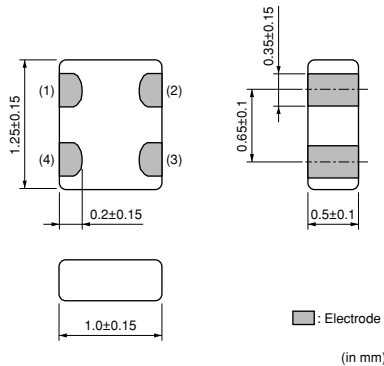
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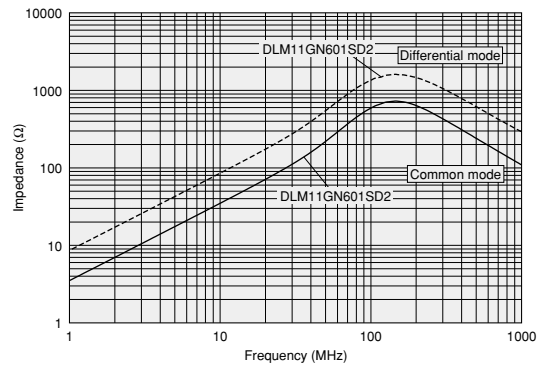
Common Mode Choke Coil Multilayer Type

DLM11G Series (0504 Size)

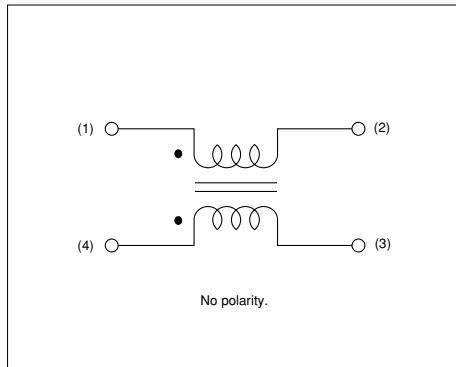
■ Dimensions



■ Impedance-Frequency Characteristics (Main Items)



■ Equivalent Circuit



■ Packaging

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

■ Rated Value (□: packaging code)

Part Number	Common Mode Impedance (at 100MHz/20°C)	Rated Current	Rated Voltage	Insulation Resistance (min.)	Withstand Voltage	DC Resistance	Operating Temperature Range
DLM11GN601SD2□	600ohm ±25%	100mA	5Vdc	100M ohm	25Vdc	0.8ohm max.	-40 to +85°C

Number of Circuit: 1

■ ⚠ Caution/Notice

⚠ Caution (Rating)

Do not use products beyond the rated current and rated voltage as this may create excessive heat and deteriorate the insulation resistance.

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.

● This data sheet is applied for CHIP COMMON MODE CHOKE COIL used for General Electronics equipment for your design.

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