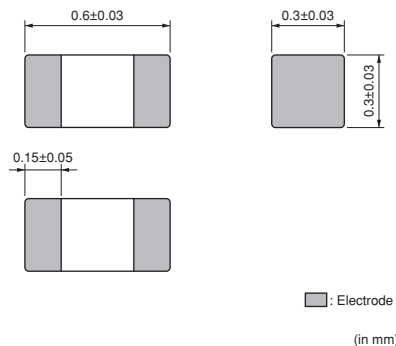


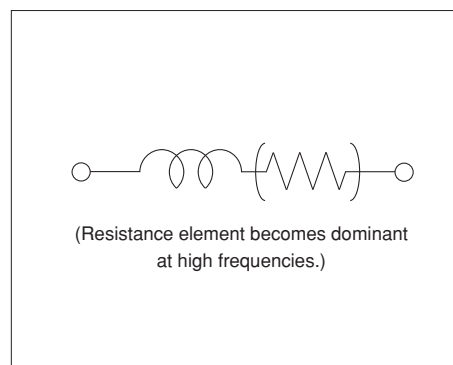
EMIFIL® (Inductor type) chip Ferrite Bead

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.

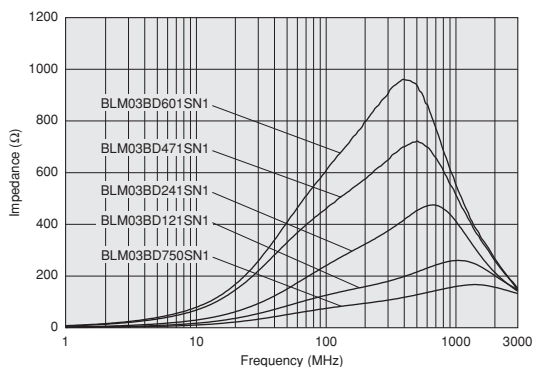
⚠ Note:

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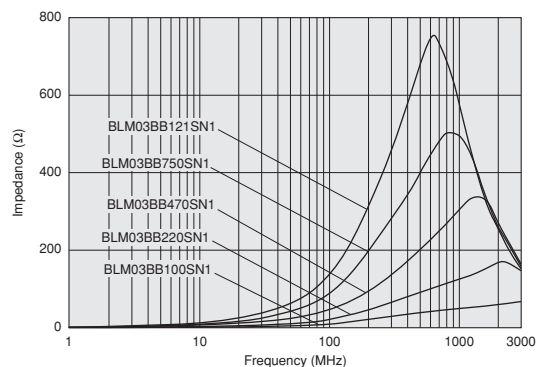
Impedance-Frequency Characteristics (Main Items)

BLM03BD Series



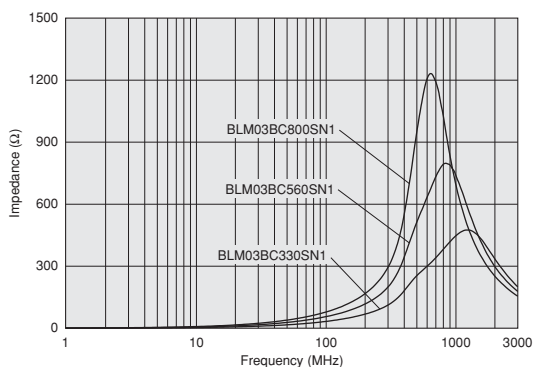
Impedance-Frequency Characteristics (Main Items)

BLM03BB Series



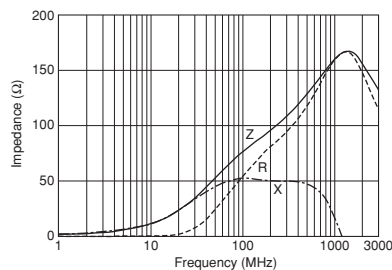
Impedance-Frequency Characteristics (Main Items)

BLM03BC Series



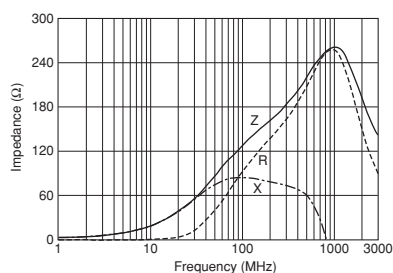
Impedance-Frequency Characteristics

BLM03BD750SN1



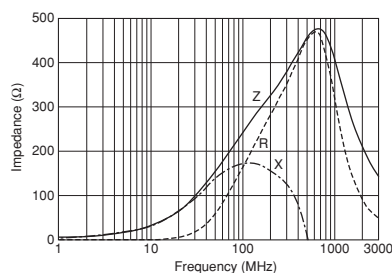
Impedance-Frequency Characteristics

BLM03BD121SN1



Impedance-Frequency Characteristics

BLM03BD241SN1



Continued on the following page.

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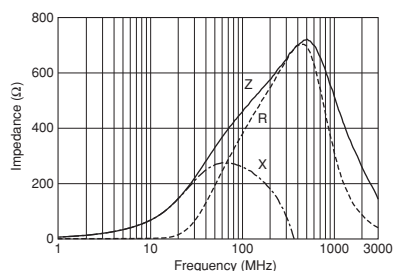
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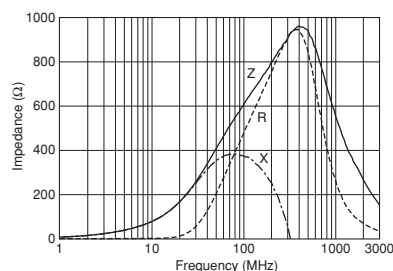
Impedance-Frequency Characteristics

BLM03BD471SN1



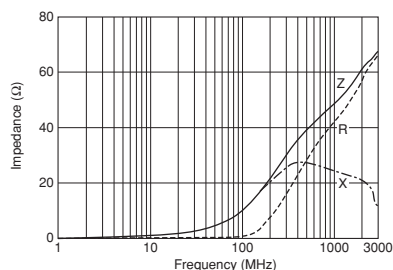
Impedance-Frequency Characteristics

BLM03BD601SN1



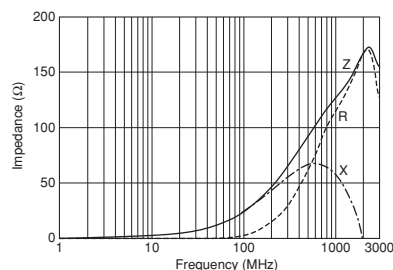
Impedance-Frequency Characteristics

BLM03BB100SN1



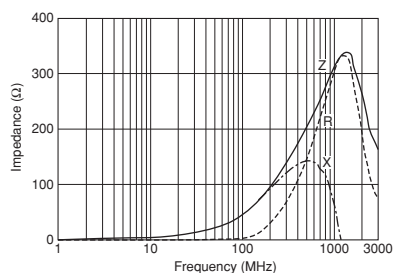
Impedance-Frequency Characteristics

BLM03BB220SN1



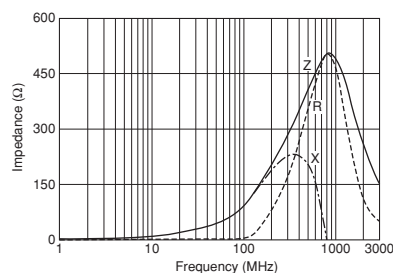
Impedance-Frequency Characteristics

BLM03BB470SN1



Impedance-Frequency Characteristics

BLM03BB750SN1



Continued on the following page.

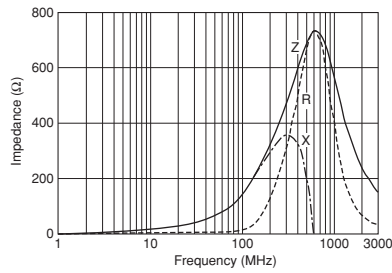
● This data sheet is applied for CHIP FERRITE BEAD used for General Electronics equipment for your design.

Note:

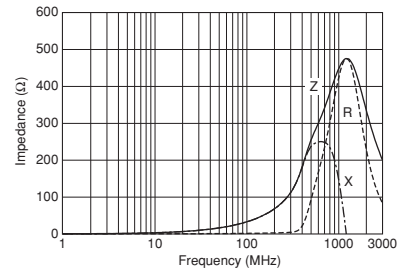
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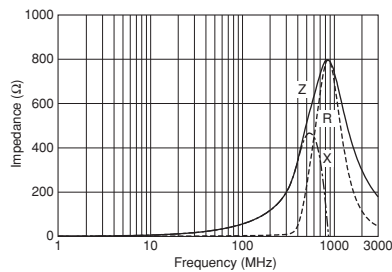
Impedance-Frequency Characteristics BLM03BB121SN1



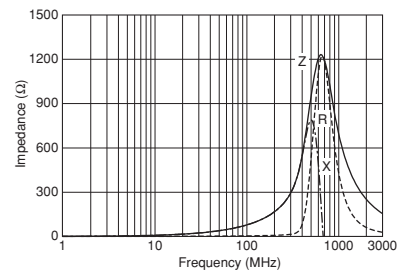
Impedance-Frequency Characteristics BLM03BC330SN1



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.

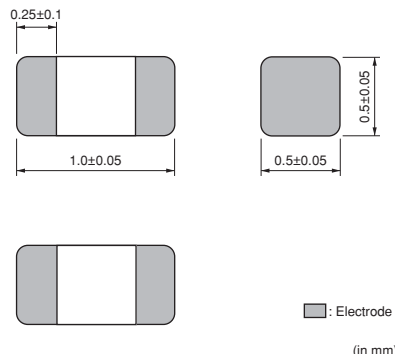
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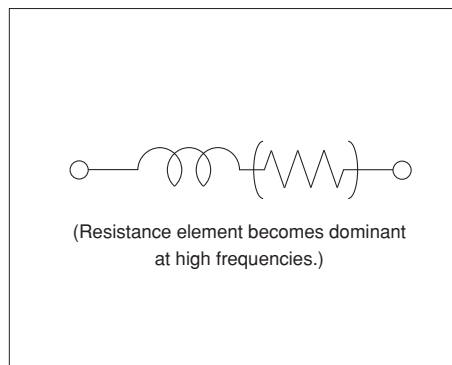
EMIFIL® (Inductor type) chip Ferrite Bead

BLM15B Series (0402 Size)

■ Dimensions



■ Equivalent Circuit



■ Packaging

Code	Packaging	Minimum Quantity
D	180mm Paper Tape	10000
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
BLM15BD750SN1□	75ohm ±25%	-	300mA	0.20ohm max.	-55 to +125°C
BLM15BD121SN1□	120ohm ±25%	-	300mA	0.30ohm max.	-55 to +125°C
BLM15BD221SN1□	220ohm ±25%	-	300mA	0.40ohm max.	-55 to +125°C
BLM15BD471SN1□	470ohm ±25%	-	200mA	0.60ohm max.	-55 to +125°C
BLM15BD601SN1□	600ohm ±25%	-	200mA	0.65ohm max.	-55 to +125°C
BLM15BD102SN1□	1000ohm ±25%	-	200mA	0.90ohm max.	-55 to +125°C
BLM15BD182SN1□	1800ohm ±25%	-	100mA	1.40ohm max.	-55 to +125°C
BLM15BB050SN1□	5ohm ±25%	-	500mA	0.08ohm max.	-55 to +125°C
BLM15BB100SN1□	10ohm ±25%	-	300mA	0.10ohm max.	-55 to +125°C
BLM15BB220SN1□	22ohm ±25%	-	300mA	0.20ohm max.	-55 to +125°C
BLM15BB470SN1□	47ohm ±25%	-	300mA	0.35ohm max.	-55 to +125°C
BLM15BB750SN1□	75ohm ±25%	-	300mA	0.40ohm max.	-55 to +125°C
BLM15BB121SN1□	120ohm ±25%	-	300mA	0.55ohm max.	-55 to +125°C
BLM15BB221SN1□	220ohm ±25%	-	200mA	0.80ohm max.	-55 to +125°C
BLM15BC121SN1□	120ohm ±25%	-	350mA	0.45ohm max.	-55 to +125°C
BLM15BC241SN1□	240ohm ±25%	-	250mA	0.70ohm max.	-55 to +125°C
BLM15BA050SN1□	5ohm ±25%	-	300mA	0.10ohm max.	-55 to +125°C
BLM15BA100SN1□	10ohm ±25%	-	300mA	0.20ohm max.	-55 to +125°C
BLM15BA220SN1□	22ohm ±25%	-	300mA	0.30ohm max.	-55 to +125°C
BLM15BA330SN1□	33ohm ±25%	-	300mA	0.40ohm max.	-55 to +125°C
BLM15BA470SN1□	47ohm ±25%	-	200mA	0.60ohm 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:

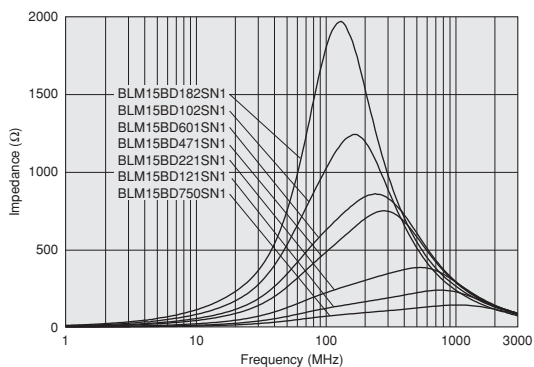
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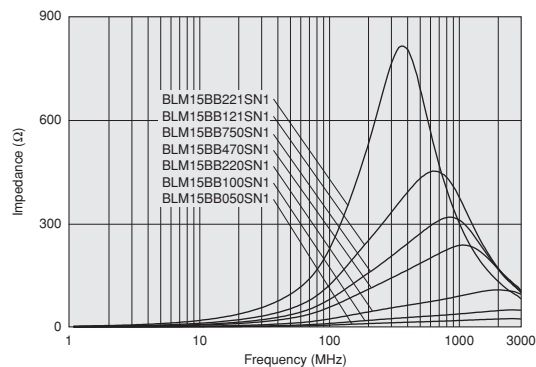
Part Number	Impedance (at 100MHz/20°C)	Impedance (at 1GHz/20°C)	Rated Current	DC Resistance	Operating Temperature Range
BLM15BA750SN1□	75ohm ±25%	-	200mA	0.80ohm max.	-55 to +125°C

Number of Circuits: 1

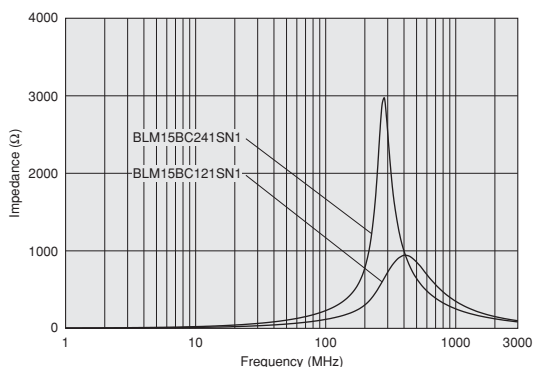
■ Impedance-Frequency Characteristics (Main Items) BLM15BD Series



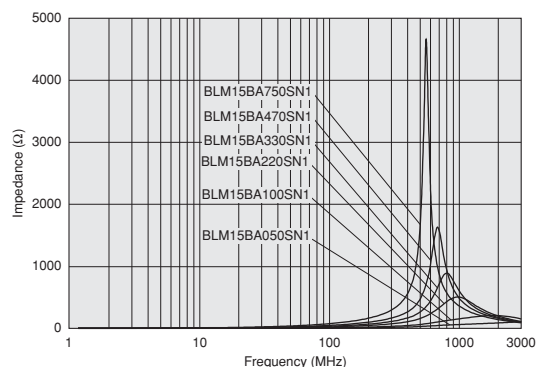
■ Impedance-Frequency Characteristics (Main Items) BLM15BB Series



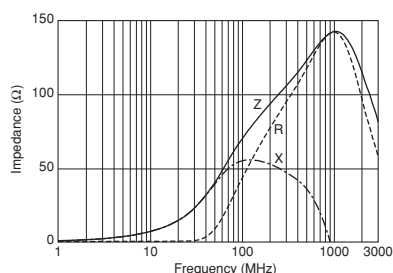
■ Impedance-Frequency Characteristics (Main Items) BLM15BC Series



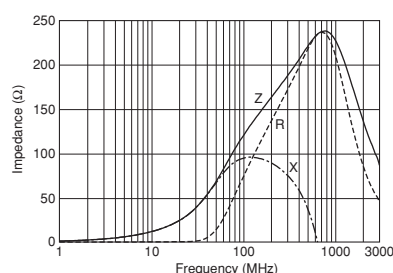
■ Impedance-Frequency Characteristics (Main Items) BLM15BA Series



■ Impedance-Frequency Characteristics BLM15BD750SN1



■ Impedance-Frequency Characteristics BLM15BD121SN1



Continued on the following page. ↗

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

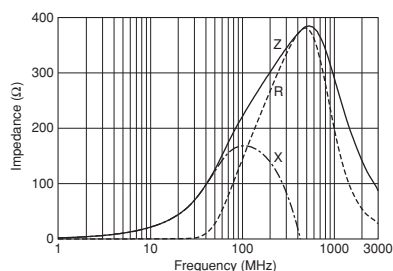
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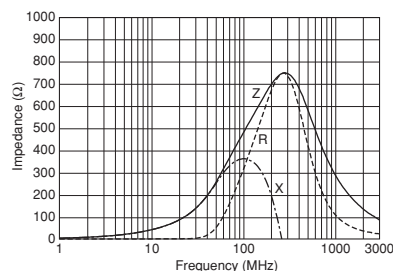
Impedance-Frequency Characteristics

BLM15BD221SN1



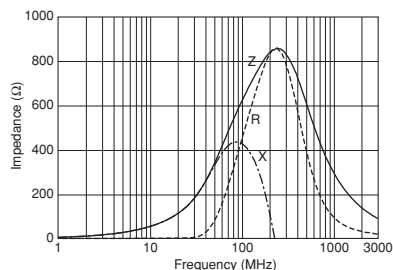
Impedance-Frequency Characteristics

BLM15BD471SN1



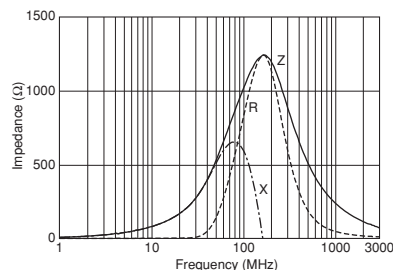
Impedance-Frequency Characteristics

BLM15BD601SN1



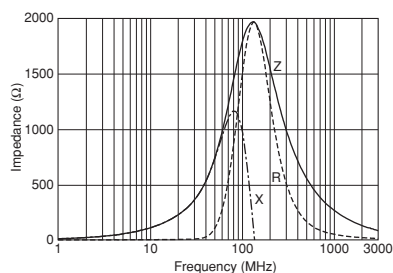
Impedance-Frequency Characteristics

BLM15BD102SN1



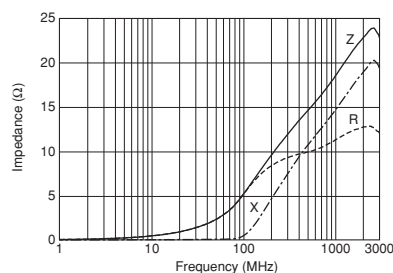
Impedance-Frequency Characteristics

BLM15BD182SN1



Impedance-Frequency Characteristics

BLM15BB050SN1



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

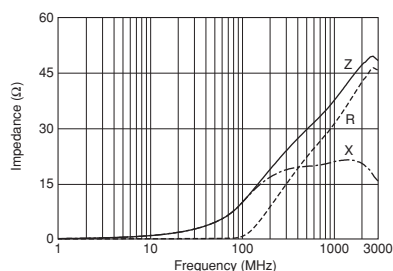
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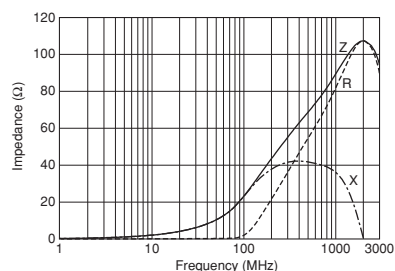
Impedance-Frequency Characteristics

BLM15BB100SN1



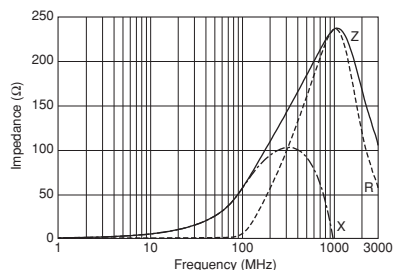
Impedance-Frequency Characteristics

BLM15BB220SN1



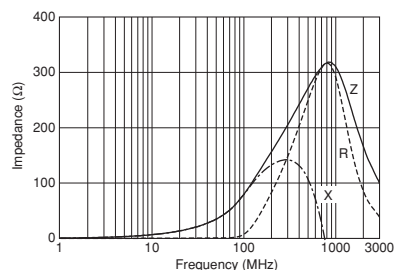
Impedance-Frequency Characteristics

BLM15BB470SN1



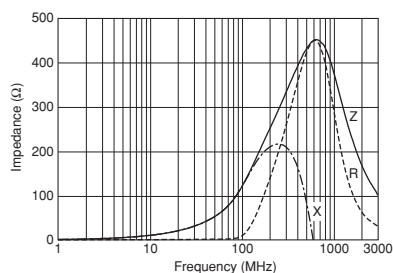
Impedance-Frequency Characteristics

BLM15BB750SN1



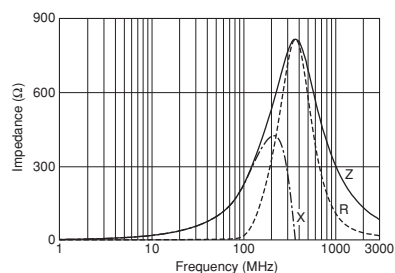
Impedance-Frequency Characteristics

BLM15BB121SN1



Impedance-Frequency Characteristics

BLM15BB221SN1



Continued on the following page.

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

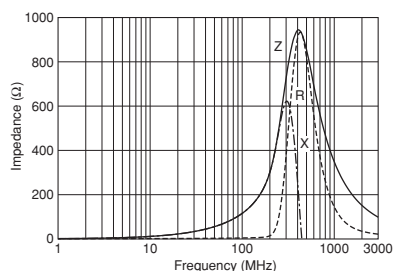
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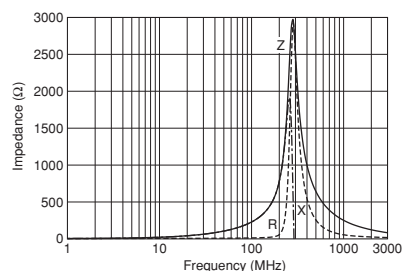
Impedance-Frequency Characteristics

BLM15BC121SN1



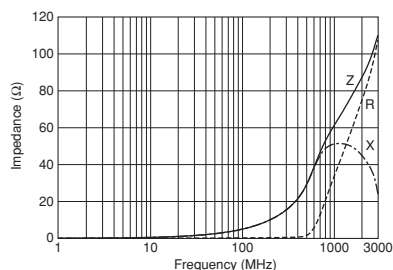
Impedance-Frequency Characteristics

BLM15BC241SN1



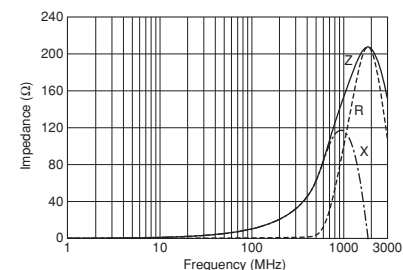
Impedance-Frequency Characteristics

BLM15BA050SN1



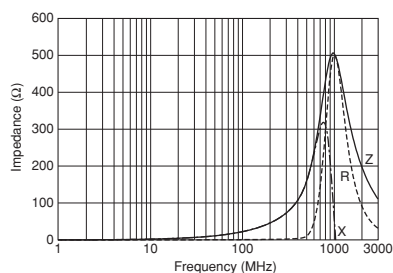
Impedance-Frequency Characteristics

BLM15BA100SN1



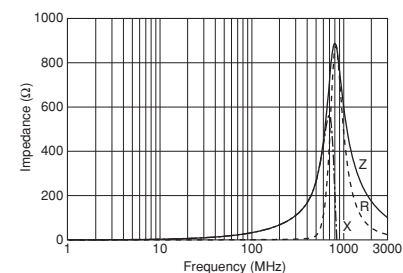
Impedance-Frequency Characteristics

BLM15BA220SN1



Impedance-Frequency Characteristics

BLM15BA330SN1



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

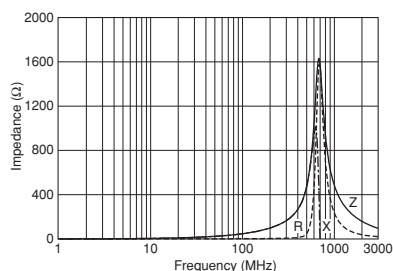
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Continued from the preceding page.

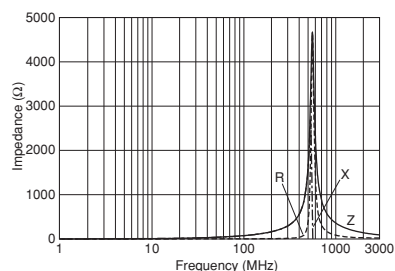
■ Impedance-Frequency Characteristics

BLM15BA470SN1



■ Impedance-Frequency Characteristics

BLM15BA750SN1



■ ⚠ 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.

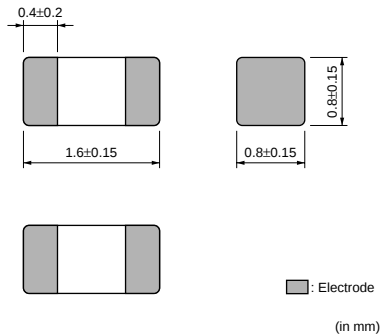
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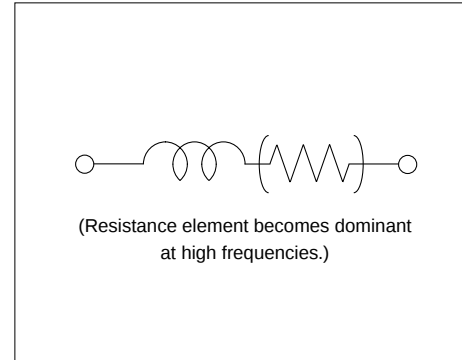
EMIFIL® (Inductor type) Chip Ferrite Bead

BLM18B Series (0603 Size)

■ Dimensions



■ Equivalent Circuit



■ Packaging

Code	Packaging	Minimum Quantity
D	180mm Paper Tape	4000
J	330mm Paper Tape	10000
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
BLM18BD470SN1□	47ohm ±25%	-	500mA	0.30ohm max.	-55 to +125°C
BLM18BD121SN1□	120ohm ±25%	-	200mA	0.40ohm max.	-55 to +125°C
BLM18BD151SN1□	150ohm ±25%	-	200mA	0.40ohm max.	-55 to +125°C
BLM18BD221SN1□	220ohm ±25%	-	200mA	0.45ohm max.	-55 to +125°C
BLM18BD331SN1□	330ohm ±25%	-	200mA	0.50ohm max.	-55 to +125°C
BLM18BD421SN1□	420ohm ±25%	-	200mA	0.55ohm max.	-55 to +125°C
BLM18BD471SN1□	470ohm ±25%	-	200mA	0.55ohm max.	-55 to +125°C
BLM18BD601SN1□	600ohm ±25%	-	200mA	0.65ohm max.	-55 to +125°C
BLM18BD102SN1□	1000ohm ±25%	-	100mA	0.85ohm max.	-55 to +125°C
BLM18BD152SN1□	1500ohm ±25%	-	50mA	1.20ohm max.	-55 to +125°C
BLM18BD182SN1□	1800ohm ±25%	-	50mA	1.50ohm max.	-55 to +125°C
BLM18BD222SN1□	2200ohm ±25%	-	50mA	1.50ohm max.	-55 to +125°C
BLM18BD252SN1□	2500ohm ±25%	-	50mA	1.50ohm max.	-55 to +125°C
BLM18BB050SN1□	5ohm ±25%	-	700mA	0.05ohm max.	-55 to +125°C
BLM18BB100SN1□	10ohm ±25%	-	700mA	0.10ohm max.	-55 to +125°C
BLM18BB220SN1□	22ohm ±25%	-	600mA	0.20ohm max.	-55 to +125°C
BLM18BB470SN1□	47ohm ±25%	-	550mA	0.25ohm max.	-55 to +125°C
BLM18BB600SN1□	60ohm ±25%	-	550mA	0.25ohm max.	-55 to +125°C

Number of Circuits: 1

Continued on the following page.

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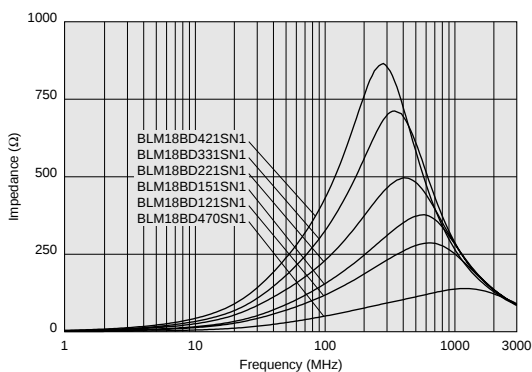
Continued from the preceding page.

Part Number	Impedance (at 100MHz/20°C)	Impedance (at 1GHz/20°C)	Rated Current	DC Resistance	Operating Temperature Range
BLM18BB750SN1□	75ohm ±25%	-	500mA	0.30ohm max.	-55 to +125°C
BLM18BB121SN1□	120ohm ±25%	-	500mA	0.30ohm max.	-55 to +125°C
BLM18BB141SN1□	140ohm ±25%	-	450mA	0.35ohm max.	-55 to +125°C
BLM18BB151SN1□	150ohm ±25%	-	450mA	0.37ohm max.	-55 to +125°C
BLM18BB221SN1□	220ohm ±25%	-	450mA	0.45ohm max.	-55 to +125°C
BLM18BB331SN1□	330ohm ±25%	-	400mA	0.58ohm max.	-55 to +125°C
BLM18BB471SN1□	470ohm ±25%	-	300mA	0.85ohm max.	-55 to +125°C
BLM18BA050SN1□	5ohm ±25%	-	500mA	0.20ohm max.	-55 to +125°C
BLM18BA100SN1□	10ohm ±25%	-	500mA	0.25ohm max.	-55 to +125°C
BLM18BA220SN1□	22ohm ±25%	-	500mA	0.35ohm max.	-55 to +125°C
BLM18BA470SN1□	47ohm ±25%	-	300mA	0.55ohm max.	-55 to +125°C
BLM18BA750SN1□	75ohm ±25%	-	300mA	0.70ohm max.	-55 to +125°C
BLM18BA121SN1□	120ohm ±25%	-	200mA	0.90ohm max.	-55 to +125°C

Number of Circuits: 1

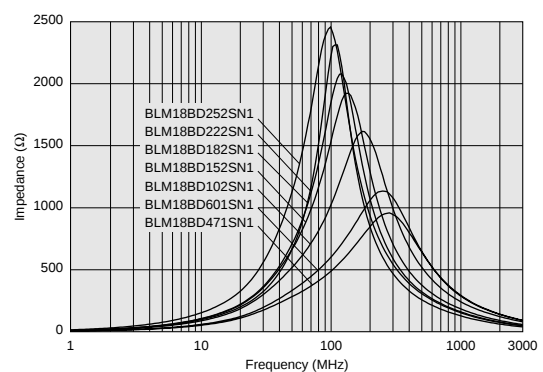
■ Impedance-Frequency Characteristics (Main Items)

BLM18BD Series (47ohm to 420ohm)



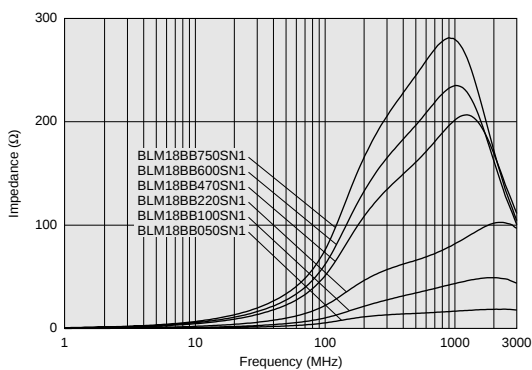
■ Impedance-Frequency Characteristics (Main Items)

BLM18BD Series (470ohm to 2500ohm)



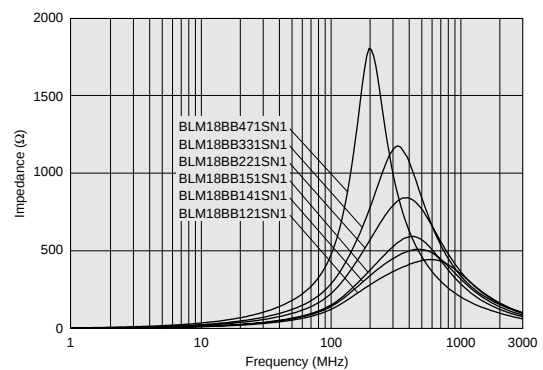
■ Impedance-Frequency Characteristics (Main Items)

BLM18BB Series (5ohm to 75ohm)



■ Impedance-Frequency Characteristics (Main Items)

BLM18BB Series (120ohm to 470ohm)



Continued on the following page.

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

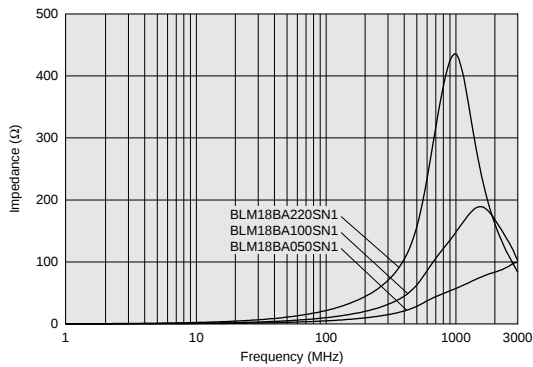
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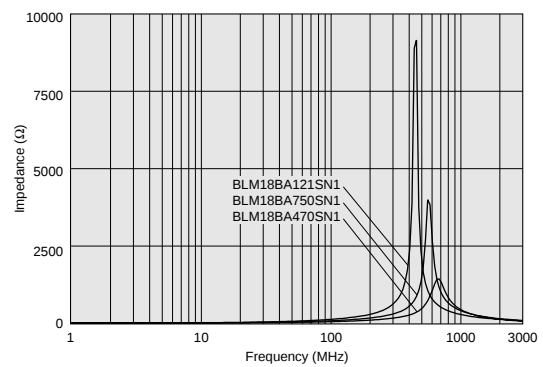
Impedance-Frequency Characteristics (Main Items)

BLM18BA Series (50ohm to 220ohm)



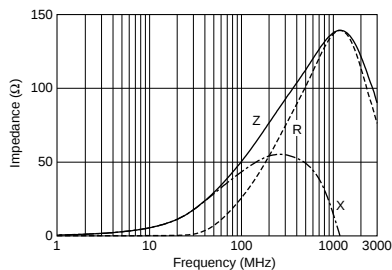
Impedance-Frequency Characteristics (Main Items)

BLM18BA Series (470ohm to 120ohm)



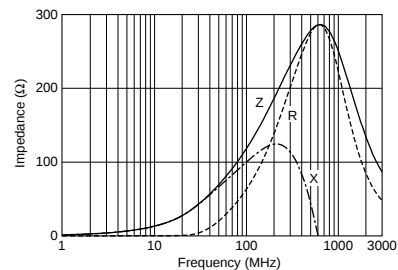
Impedance-Frequency Characteristics

BLM18BD470SN1



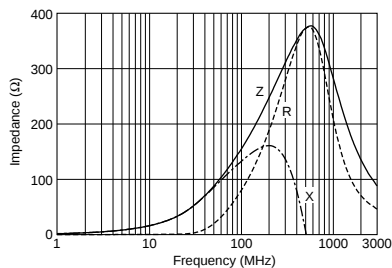
Impedance-Frequency Characteristics

BLM18BD121SN1



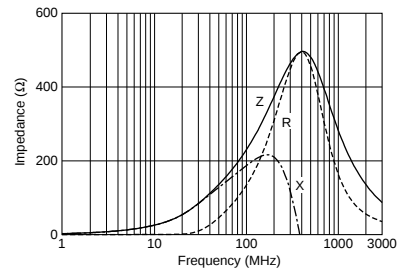
Impedance-Frequency Characteristics

BLM18BD151SN1



Impedance-Frequency Characteristics

BLM18BD221SN1



Continued on the following page.

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

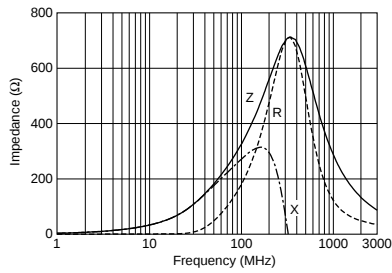
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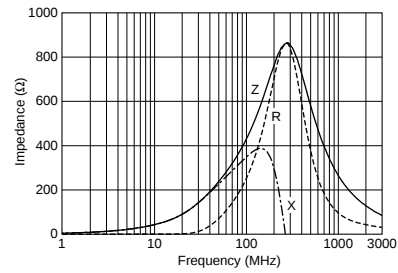
■ Impedance-Frequency Characteristics

BLM18BD331SN1



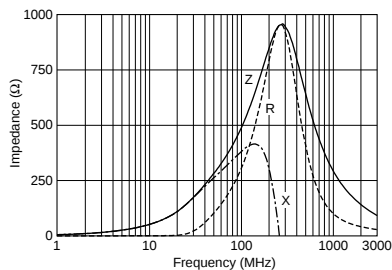
■ Impedance-Frequency Characteristics

BLM18BD421SN1



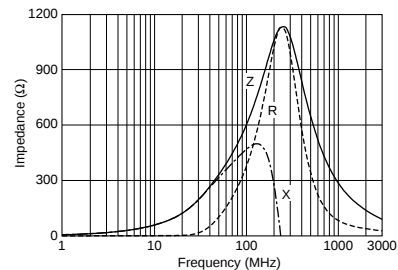
■ Impedance-Frequency Characteristics

BLM18BD471SN1



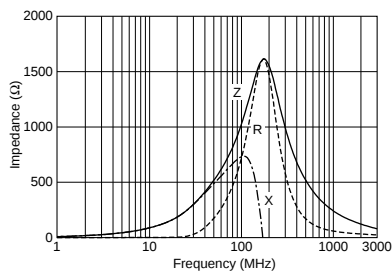
■ Impedance-Frequency Characteristics

BLM18BD601SN1



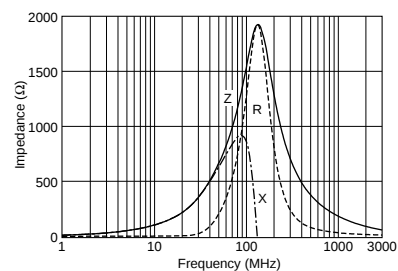
■ Impedance-Frequency Characteristics

BLM18BD102SN1



■ Impedance-Frequency Characteristics

BLM18BD152SN1



Continued on the following page.

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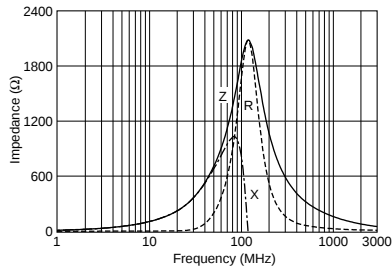
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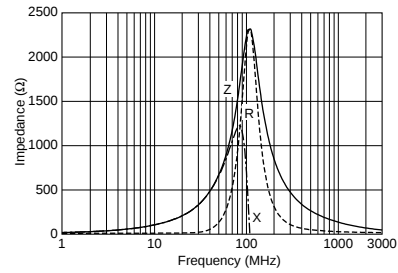
■ Impedance-Frequency Characteristics

BLM18BD182SN1



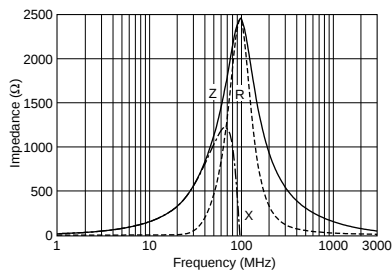
■ Impedance-Frequency Characteristics

BLM18BD222SN1



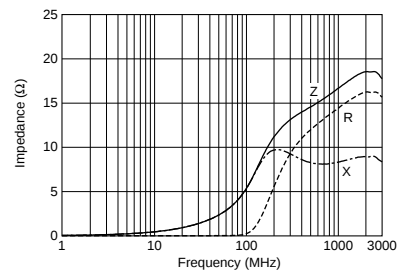
■ Impedance-Frequency Characteristics

BLM18BD252SN1



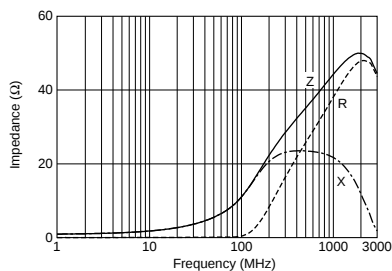
■ Impedance-Frequency Characteristics

BLM18BB050SN1



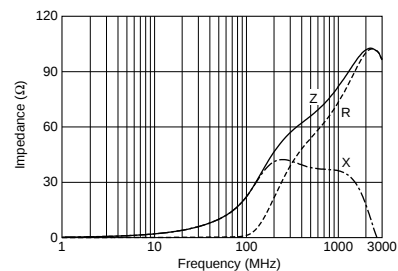
■ Impedance-Frequency Characteristics

BLM18BB100SN1



■ Impedance-Frequency Characteristics

BLM18BB220SN1



Continued on the following page.

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

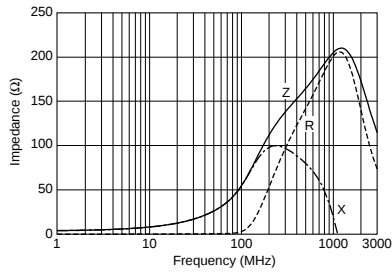
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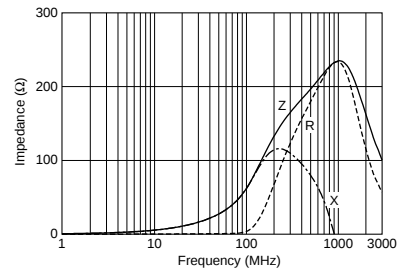
■ Impedance-Frequency Characteristics

BLM18BB470SN1



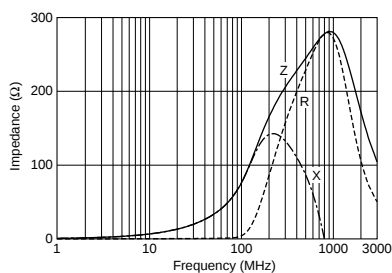
■ Impedance-Frequency Characteristics

BLM18BB600SN1



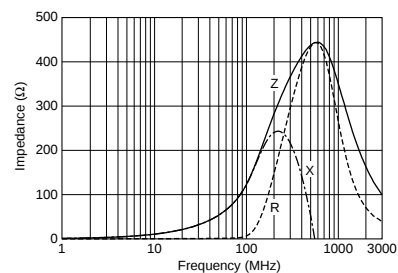
■ Impedance-Frequency Characteristics

BLM18BB750SN1



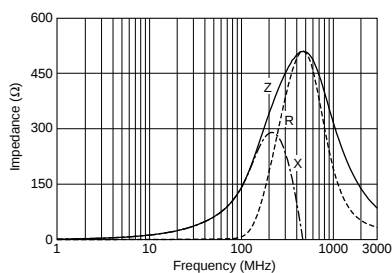
■ Impedance-Frequency Characteristics

BLM18BB121SN1



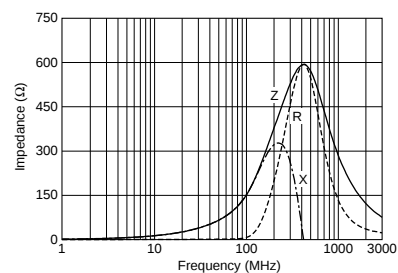
■ Impedance-Frequency Characteristics

BLM18BB141SN1



■ Impedance-Frequency Characteristics

BLM18BB151SN1



Continued on the following page.

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

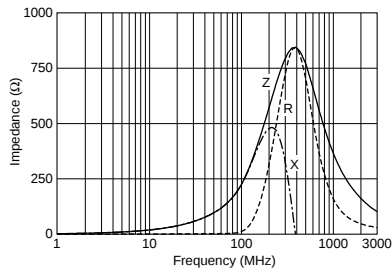
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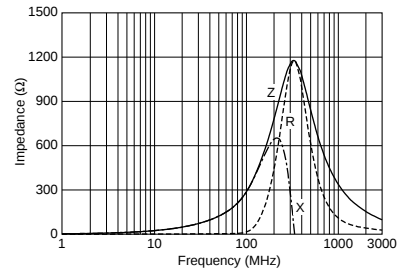
■ Impedance-Frequency Characteristics

BLM18BB221SN1



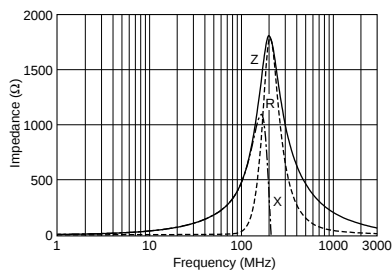
■ Impedance-Frequency Characteristics

BLM18BB331SN1



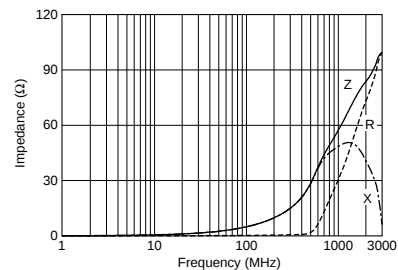
■ Impedance-Frequency Characteristics

BLM18BB471SN1



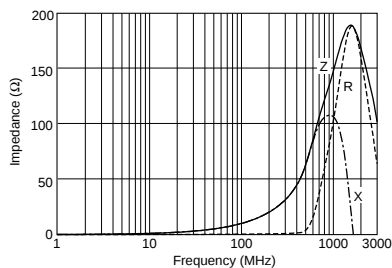
■ Impedance-Frequency Characteristics

BLM18BA050SN1



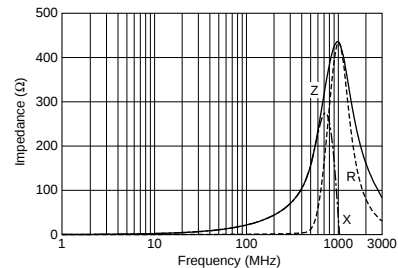
■ Impedance-Frequency Characteristics

BLM18BA100SN1



■ Impedance-Frequency Characteristics

BLM18BA220SN1



Continued on the following page.

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

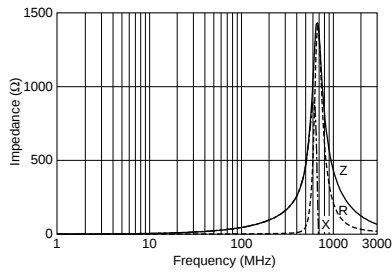
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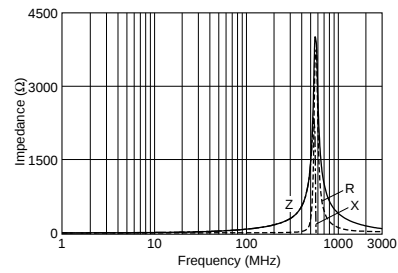
■ Impedance-Frequency Characteristics

BLM18BA470SN1



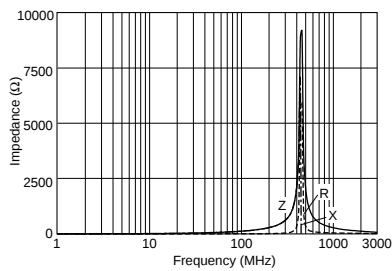
■ Impedance-Frequency Characteristics

BLM18BA750SN1



■ Impedance-Frequency Characteristics

BLM18BA121SN1



■ ⚠ 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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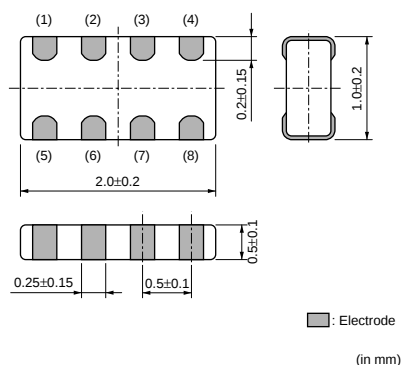
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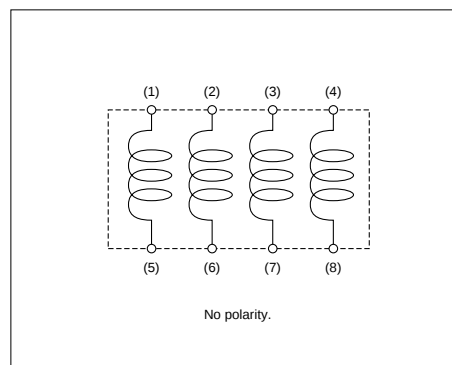
EMIFIL® (Inductor type) Chip Ferrite Bead (Array)

BLA2AA/BLA2AB Series (0804 Size)

■ Dimensions



■ Equivalent Circuit



■ Packaging

Code	Packaging	Minimum Quantity
D	180mm Paper Tape	10000
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
BLA2AAG121SN4□	120ohm ±25%	-	100mA	0.50ohm max.	-55 to +125°C
BLA2AAG221SN4□	220ohm ±25%	-	50mA	0.70ohm max.	-55 to +125°C
BLA2AAG601SN4□	600ohm ±25%	-	50mA	1.10ohm max.	-55 to +125°C
BLA2AAG102SN4□	1000ohm ±25%	-	50mA	1.30ohm max.	-55 to +125°C
BLA2ABD750SN4□	75ohm ±25%	-	200mA	0.20ohm max.	-55 to +125°C
BLA2ABD121SN4□	120ohm ±25%	-	200mA	0.35ohm max.	-55 to +125°C
BLA2ABD221SN4□	220ohm ±25%	-	100mA	0.40ohm max.	-55 to +125°C
BLA2ABD471SN4□	470ohm ±25%	-	100mA	0.65ohm max.	-55 to +125°C
BLA2ABD601SN4□	600ohm ±25%	-	100mA	0.80ohm max.	-55 to +125°C
BLA2ABD102SN4□	1000ohm ±25%	-	50mA	1.00ohm max.	-55 to +125°C
BLA2ABB100SN4□	10ohm ±25%	-	200mA	0.1ohm max.	-55 to +125°C
BLA2ABB220SN4□	22ohm ±25%	-	200mA	0.2ohm max.	-55 to +125°C
BLA2ABB470SN4□	47ohm ±25%	-	200mA	0.35ohm max.	-55 to +125°C
BLA2ABB121SN4□	120ohm ±25%	-	50mA	0.60ohm max.	-55 to +125°C
BLA2ABB221SN4□	220ohm ±25%	-	50mA	0.90ohm max.	-55 to +125°C

Number of Circuits: 4

Continued on the following page.

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

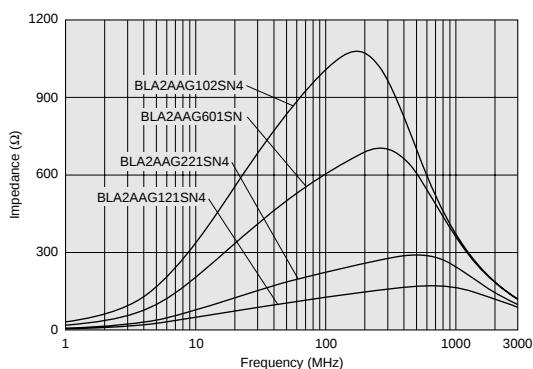
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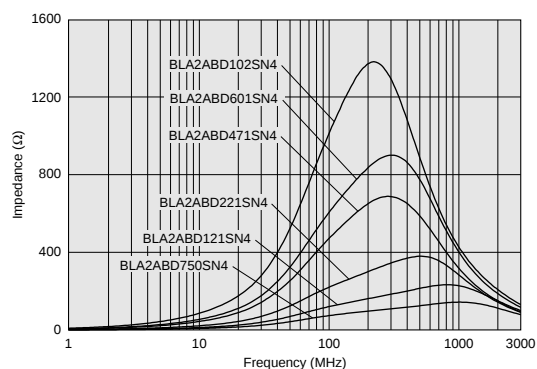
■ Impedance-Frequency Characteristics (Main Items)

BLA2AAG Series



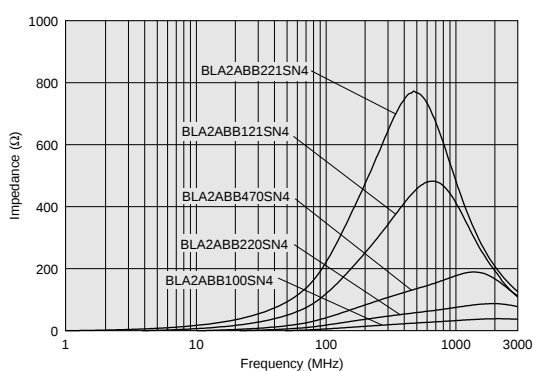
■ Impedance-Frequency Characteristics (Main Items)

BLA2ABD Series



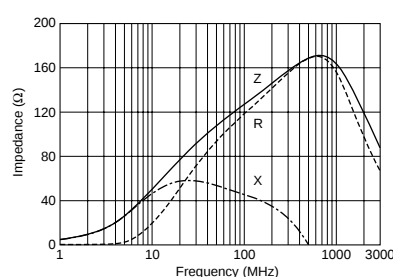
■ Impedance-Frequency Characteristics (Main Items)

BLA2ABB Series



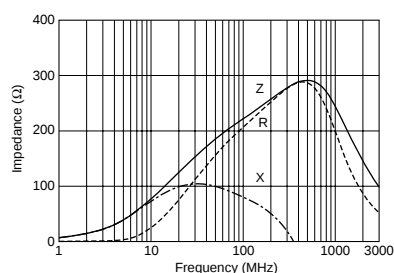
■ Impedance-Frequency Characteristics

BLA2AAG121SN4



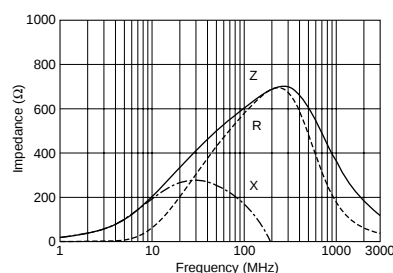
■ Impedance-Frequency Characteristics

BLA2AAG221SN4



■ Impedance-Frequency Characteristics

BLA2AAG601SN4



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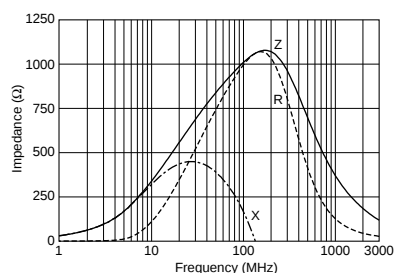
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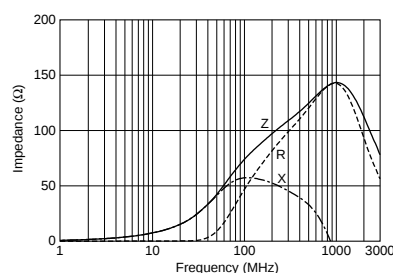
■ Impedance-Frequency Characteristics

BLA2AAG102SN4



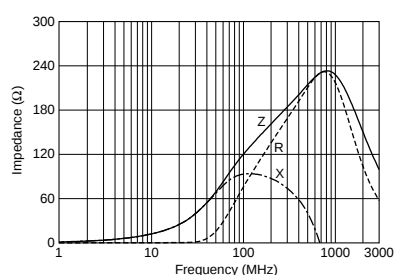
■ Impedance-Frequency Characteristics

BLA2ABD750SN4



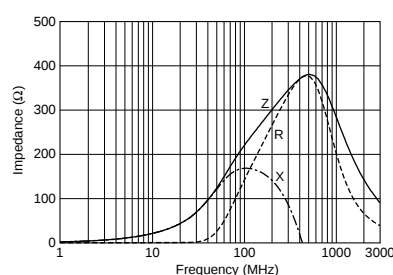
■ Impedance-Frequency Characteristics

BLA2ABD121SN4



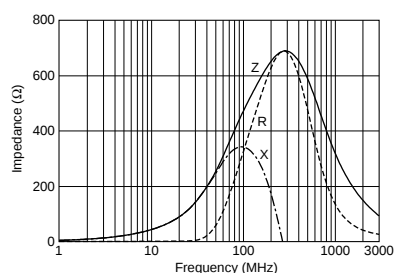
■ Impedance-Frequency Characteristics

BLA2ABD221SN4



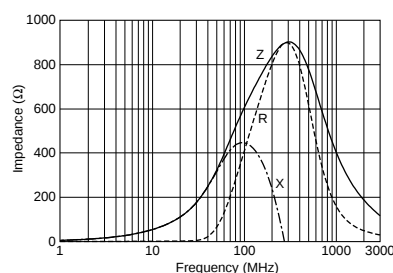
■ Impedance-Frequency Characteristics

BLA2ABD471SN4



■ Impedance-Frequency Characteristics

BLA2ABD601SN4



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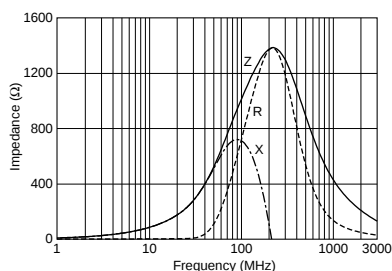
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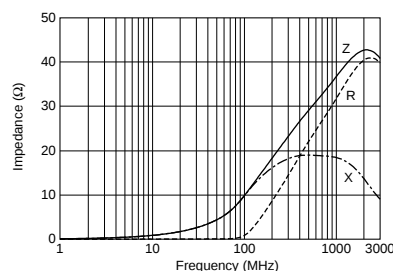
■ Impedance-Frequency Characteristics

BLA2ABD102SN4



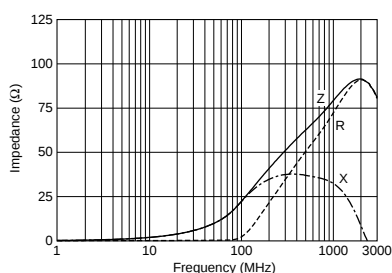
■ Impedance-Frequency Characteristics

BLA2ABB100SN4



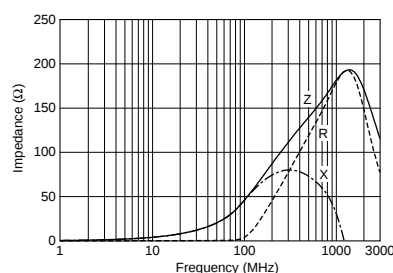
■ Impedance-Frequency Characteristics

BLA2ABB220SN4



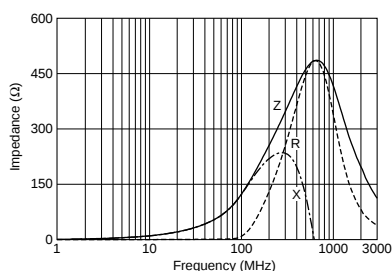
■ Impedance-Frequency Characteristics

BLA2ABB470SN4



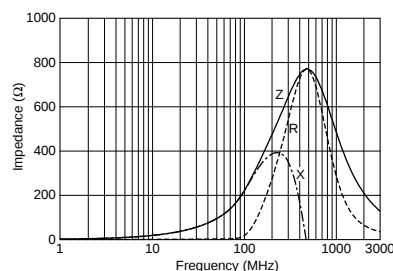
■ Impedance-Frequency Characteristics

BLA2ABB121SN4



■ Impedance-Frequency Characteristics

BLA2ABB221SN4



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■ ⚠ Caution/Notice

⚠ Caution (Rating)

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Notice

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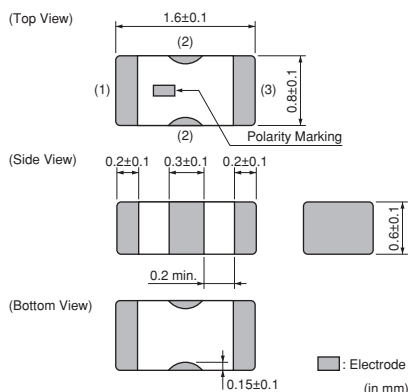
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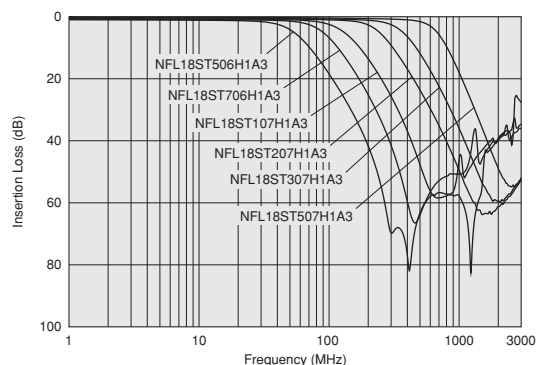
EMIFIL® (LC Combined) Multilayer Type

NFL18ST_H Series (0603 Size)

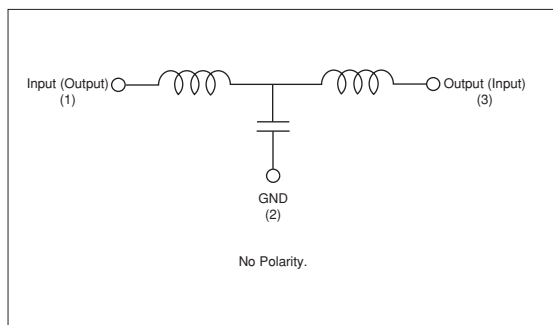
■ Dimensions



■ Insertion Loss Characteristics (Main Items)



■ Equivalent Circuit



■ Packaging

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

■ Rated Value (□: packaging code)

Part Number	Nominal Cut-off Frequency	Capacitance	Inductance	Insertion Loss 1	Insertion Loss 2	Rated Current	Rated Voltage	Insulation Resistance (min.)	Withstand Voltage	Operating Temperature Range
NFL18ST506H1A3□	50MHz	110pF (Typ.)	350nH (Typ.)	6dB max.(0 to 50MHz)	30dB min.(200 to 1000MHz)	75mA	10Vdc	1000M ohm	30Vdc	-55 to +125°C
NFL18ST706H1A3□	70MHz	70pF (Typ.)	230nH (Typ.)	6dB max.(0 to 70MHz)	30dB min.(300 to 1000MHz)	75mA	10Vdc	1000M ohm	30Vdc	-55 to +125°C
NFL18ST107H1A3□	100MHz	50pF (Typ.)	150nH (Typ.)	6dB max.(0 to 100MHz)	30dB min.(400 to 1000MHz)	75mA	10Vdc	1000M ohm	30Vdc	-55 to +125°C
NFL18ST207H1A3□	200MHz	22pF (Typ.)	110nH (Typ.)	6dB max.(0 to 200MHz)	30dB min.(800 to 2000MHz)	100mA	10Vdc	1000M ohm	30Vdc	-55 to +125°C
NFL18ST307H1A3□	300MHz	16pF (Typ.)	74nH (Typ.)	6dB max.(0 to 300MHz)	30dB min.(1200 to 2000MHz)	100mA	10Vdc	1000M ohm	30Vdc	-55 to +125°C
NFL18ST507H1A3□	500MHz	10pF (Typ.)	42nH (Typ.)	6dB max.(0 to 500MHz)	30dB min.(1700 to 2000MHz)	100mA	10Vdc	1000M ohm	30Vdc	-55 to +125°C

Number of Circuits: 1

■ ⚠Caution/Notice

⚠Caution (Rating)

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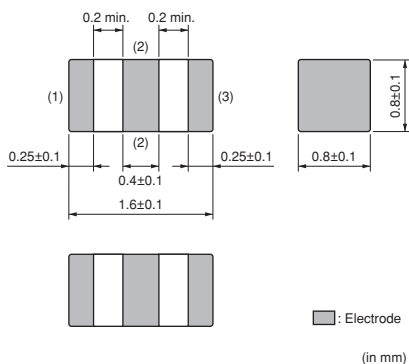
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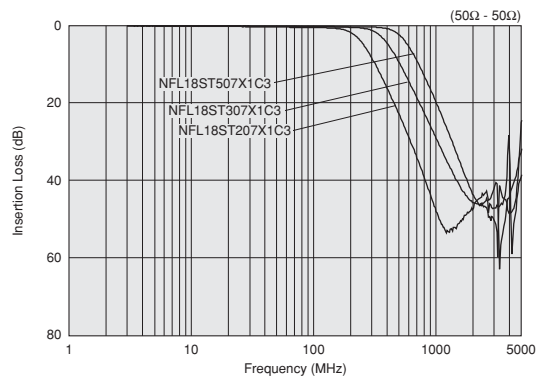
EMIFIL® (LC Combined) Multilayer Type

NFL18ST_X Series (0603 Size)

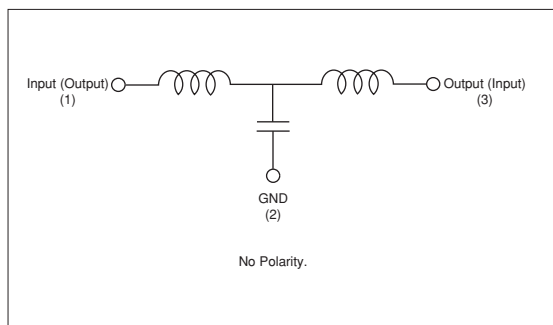
■ Dimensions



■ Insertion Loss Characteristics (Main Items)



■ Equivalent Circuit



■ Packaging

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

■ Rated Value (□: packaging code)

Part Number	Nominal Cut-off Frequency	Capacitance	Inductance	Rated Current	Rated Voltage	Insulation Resistance (min.)	Withstand Voltage	Operating Temperature Range
NFL18ST207X1C3□	200MHz	25pF±20%	110nH±20%	150mA	16Vdc	1000M ohm	50Vdc	-55 to +125°C
NFL18ST307X1C3□	300MHz	18pF±20%	62nH±20%	200mA	16Vdc	1000M ohm	50Vdc	-55 to +125°C
NFL18ST507X1C3□	500MHz	10pF±20%	43nH±20%	200mA	16Vdc	1000M ohm	50Vdc	-55 to +125°C

Number of Circuits: 1

■ ⚠ Caution/Notice

⚠ Caution (Rating)

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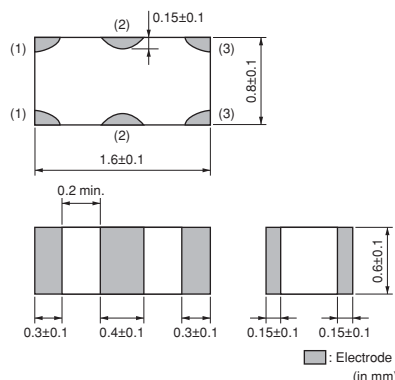
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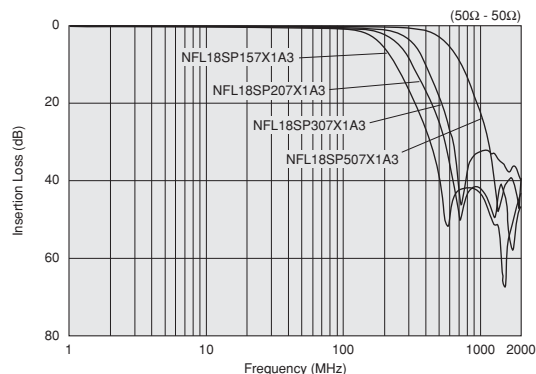
EMIFIL® (LC Combined) Multilayer Type

NFL18SP Series (0603 Size)

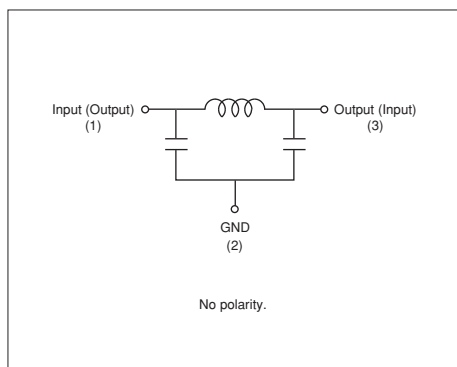
■ Dimensions



■ Insertion Loss Characteristics (Main Items)



■ Equivalent Circuit



■ Packaging

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

■ Rated Value (□: packaging code)

Part Number	Nominal Cut-off Frequency	Capacitance	Inductance	Rated Current	Rated Voltage	Insulation Resistance (min.)	Withstand Voltage	Operating Temperature Range
NFL18SP157X1A3□	150MHz	34pF±20%	100nH±20%	100mA	10Vdc	1000M ohm	30Vdc	-55 to +125°C
NFL18SP207X1A3□	200MHz	24pF±20%	80nH±20%	100mA	10Vdc	1000M ohm	30Vdc	-55 to +125°C
NFL18SP307X1A3□	300MHz	19pF±20%	60nH±20%	100mA	10Vdc	1000M ohm	30Vdc	-55 to +125°C
NFL18SP507X1A3□	500MHz	11pF±20%	38nH±20%	100mA	10Vdc	1000M ohm	30Vdc	-55 to +125°C

Number of Circuits: 1

■ ⚠ Caution/Notice

⚠ Caution (Rating)

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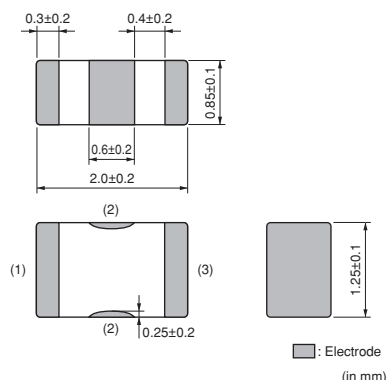
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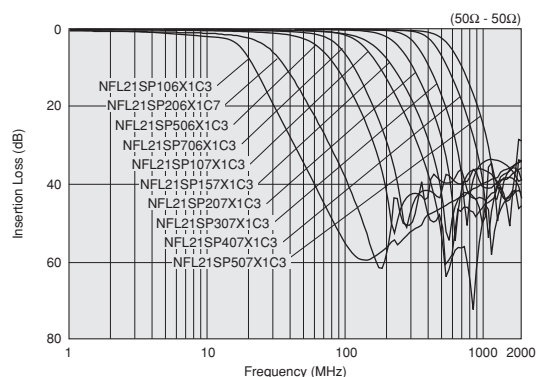
EMIFIL® (LC Combined) Multilayer Type

NFL21SP Series (0805 Size)

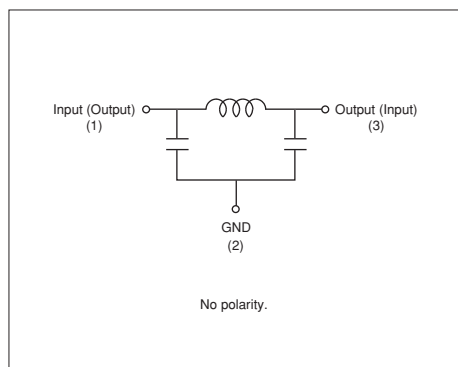
■ Dimensions



■ Insertion Loss Characteristics (Main Items)



■ Equivalent Circuit



■ Packaging

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

■ Rated Value (□: packaging code)

Part Number	Nominal Cut-off Frequency	Capacitance	Inductance	Rated Current	Rated Voltage	Insulation Resistance (min.)	Withstand Voltage	Operating Temperature Range
NFL21SP106X1C3□	10MHz	670pF±20%	680nH±20%	100mA	16Vdc	1000M ohm	50Vdc	-55 to +125°C
NFL21SP206X1C7□	20MHz	240pF±20%	700nH±20%	100mA	16Vdc	1000M ohm	50Vdc	-55 to +125°C
NFL21SP506X1C3□	50MHz	84pF±20%	305nH±20%	150mA	16Vdc	1000M ohm	50Vdc	-55 to +125°C
NFL21SP706X1C3□	70MHz	76pF±20%	185nH±20%	150mA	16Vdc	1000M ohm	50Vdc	-55 to +125°C
NFL21SP107X1C3□	100MHz	44pF±20%	135nH±20%	200mA	16Vdc	1000M ohm	50Vdc	-55 to +125°C
NFL21SP157X1C3□	150MHz	28pF±20%	128nH±20%	200mA	16Vdc	1000M ohm	50Vdc	-55 to +125°C
NFL21SP207X1C3□	200MHz	22pF±20%	72nH±20%	250mA	16Vdc	1000M ohm	50Vdc	-55 to +125°C
NFL21SP307X1C3□	300MHz	19pF±10%	45nH±10%	300mA	16Vdc	1000M ohm	50Vdc	-55 to +125°C
NFL21SP407X1C3□	400MHz	16pF±10%	34nH±10%	300mA	16Vdc	1000M ohm	50Vdc	-55 to +125°C
NFL21SP507X1C3□	500MHz	12pF±10%	31nH±10%	300mA	16Vdc	1000M ohm	50Vdc	-55 to +125°C

Number of Circuits: 1

Continued on the following page.

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