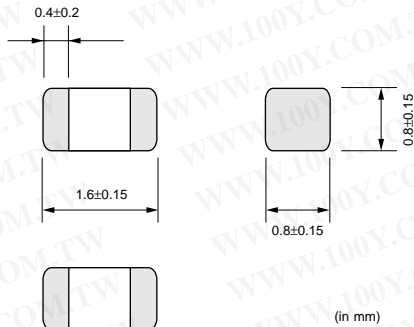


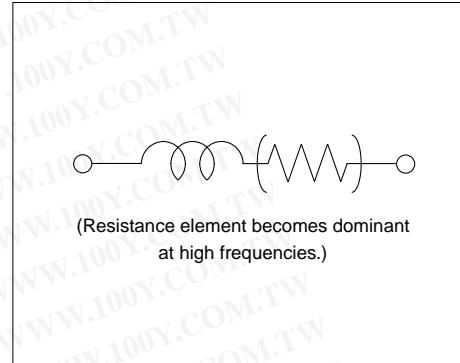
Chip EMIFIL[®] Inductor Type

BLM18P Series (0603 Size)

Dimension



Equivalent Circuit



Packaging

Code	Packaging	Minimum Quantity
D	180mm Paper Tape	4000
J	330mm Paper Tape	10000
B	Bulk(Bag)	1000

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 勝特力电子(上海) 86-21-34970699
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

Rated Value (□: packaging code)

Part Number	Impedance (at 100MHz/20°C)	Impedance (at 1GHz/20°C)	Rated Current	DC Resistance(max.)	Operating Temperature Range	Number of Circuits
BLM18PG300SN1□	30ohm(Typ.)	-	1000mA	0.05ohm	-55°C to +125°C	1
BLM18PG330SN1□	33ohm±25%	-	3000mA	0.025ohm	-55°C to +125°C	1
BLM18PG600SN1□	60ohm(Typ.)	-	500mA	0.10ohm	-55°C to +125°C	1
BLM18PG121SN1□	120ohm±25%	-	2000mA	0.05ohm	-55°C to +125°C	1
BLM18PG181SN1□	180ohm±25%	-	1500mA	0.09ohm	-55°C to +125°C	1
BLM18PG221SN1□	220ohm±25%	-	1400mA	0.1ohm	-55°C to +125°C	1
BLM18PG331SN1□	330ohm±25%	-	1200mA	0.15ohm	-55°C to +125°C	1
BLM18PG471SN1□	470ohm±25%	-	1000mA	0.2ohm	-55°C to +125°C	1

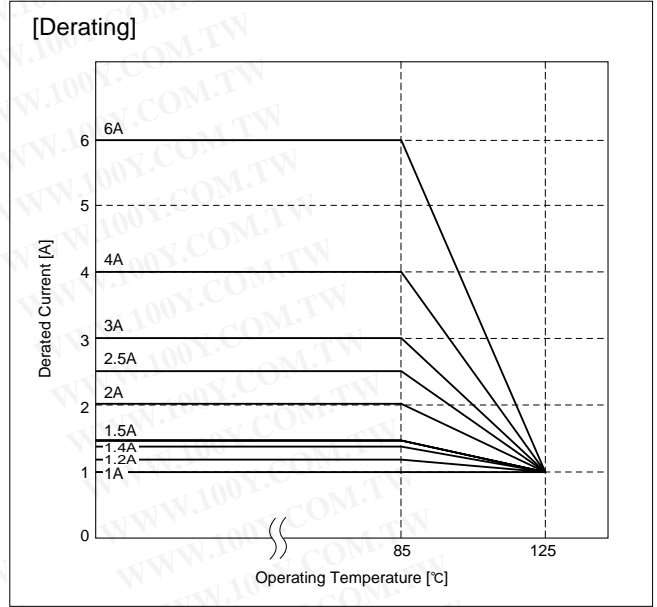
Continued on the following page.

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

Continued from the preceding page.

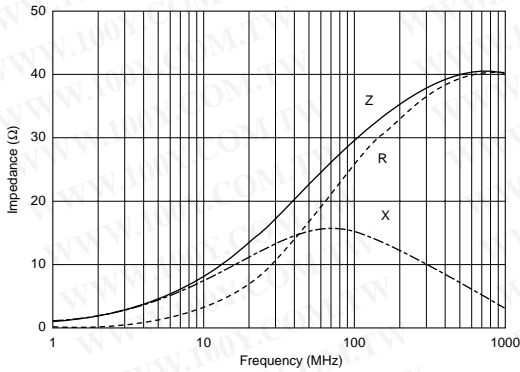
Notice (Rating)

In operating temperatures exceeding +85°C, derating of current is necessary for chip Ferrite Beads for which rated current is 1200mA or over. Please apply the derating curve shown in chart according to the operating temperature.



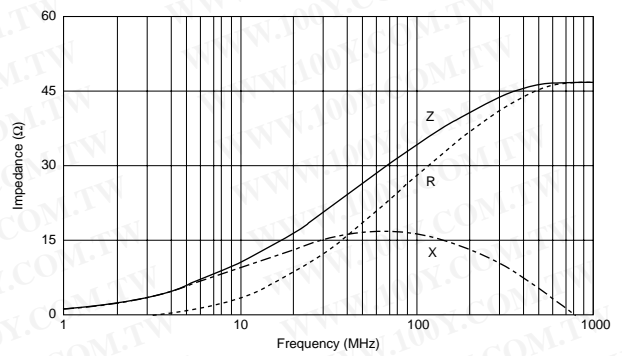
Z-f Characteristics (Typ.)

BLM18PG300SN1



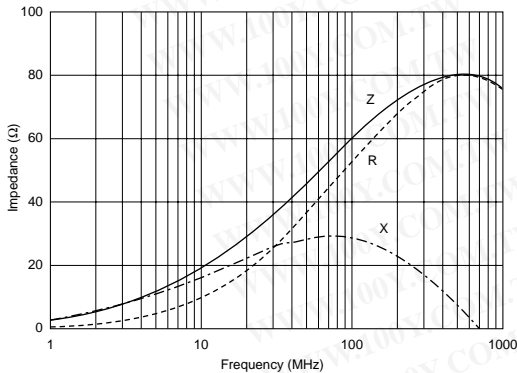
Z-f Characteristics(Typ.)

BLM18PG330SN1



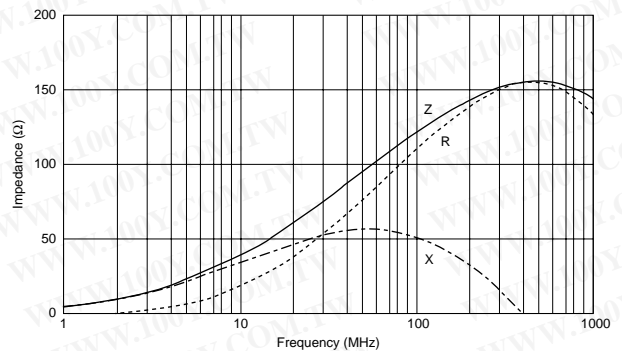
Z-f Characteristics (Typ.)

BLM18PG600SN1



Z-f Characteristics(Typ.)

BLM18PG121SN1



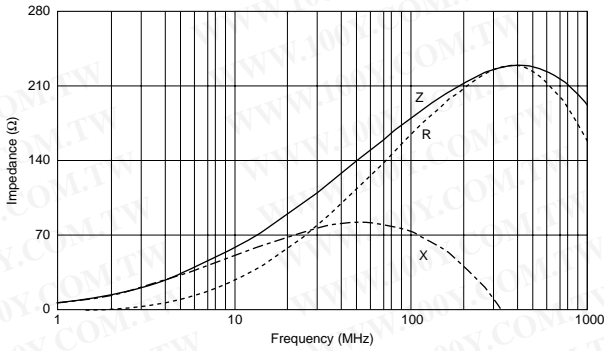
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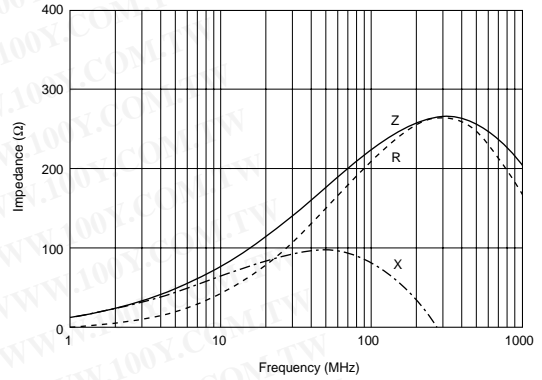
■ Z-f Characteristics(Typ.)

BLM18PG181SN1



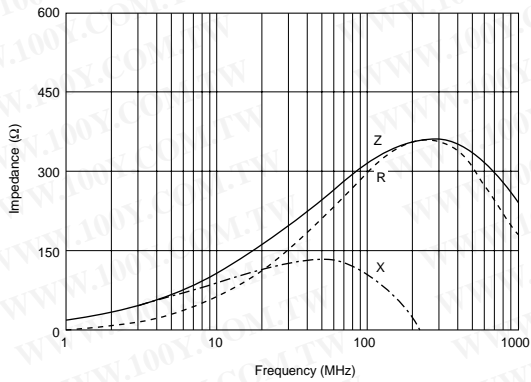
■ Z-f characteristics (Typ.)

BLM18PG221SN1



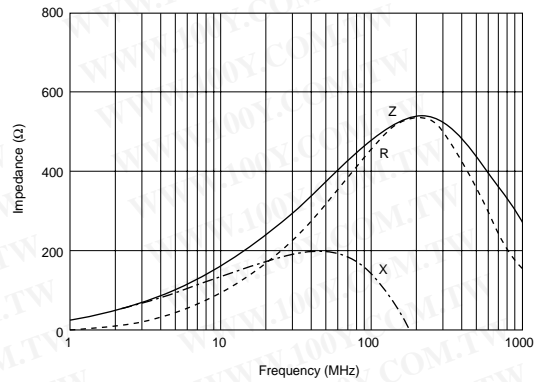
■ Z-f characteristics (Typ.)

BLM18PG331SN1



■ Z-f characteristics (Typ.)

BLM18PG471SN1



■ ⚠ 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.

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