

On-Board Type (DC) EMI Suppression Filters (EMIFIL®)

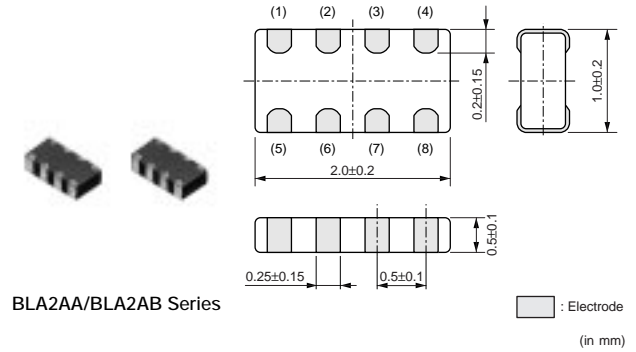


Chip Ferrite Beads Arrays BLA2AA/2AB/31A/31B Series

BLA2AA/BLA2AB Series

■ Features

1. BLA2AA/2AB series has 4 circuits in 2.0x1.0mm body with 0.5mm pitch.
2. Provides attenuation across a broad frequency range. Two types of impedance characteristics are available, one is for general signal line and the other is for high speed signal line.
3. Original inner electrode structure enables extra low crosstalk.
4. The nickel barrier structure of the external electrodes provides excellent solder heat resistance.



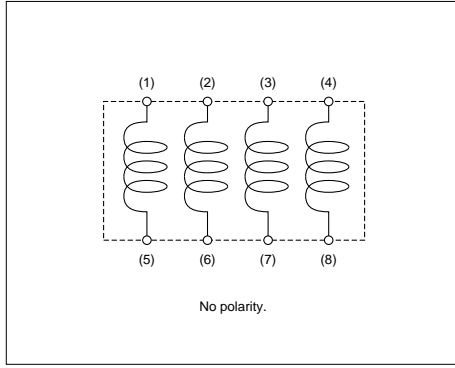
■ Applications

Notebook size PCs, PDAs and other compact size digital equipment

Part Number	Impedance (at 100MHz/20°C) (ohm)	Rated Current (mA)	DC Resistance (max.) (ohm)	Operating Temperature Range (°C)
BLA2AAG121SN4	120 ±25%	100	0.50	-55 to +125
BLA2AAG221SN4	220 ±25%	50	0.70	-55 to +125
BLA2AAG601SN4	600 ±25%	50	1.10	-55 to +125
BLA2AAG102SN4	1000 ±25%	50	1.30	-55 to +125
BLA2ABB100SN4	10 ±25%	200	0.1	-55 to +125
BLA2ABB220SN4	22 ±25%	200	0.2	-55 to +125
BLA2ABB470SN4	47 ±25%	200	0.35	-55 to +125
BLA2ABB121SN4	120 ±25%	50	0.60	-55 to +125
BLA2ABB221SN4	220 ±25%	50	0.90	-55 to +125
BLA2ABD750SN4	75 ±25%	200	0.20	-55 to +125
BLA2ABD121SN4	120 ±25%	200	0.35	-55 to +125
BLA2ABD221SN4	220 ±25%	100	0.40	-55 to +125
BLA2ABD471SN4	470 ±25%	100	0.65	-55 to +125
BLA2ABD601SN4	600 ±25%	100	0.80	-55 to +125
BLA2ABD102SN4	1000 ±25%	50	1.00	-55 to +125

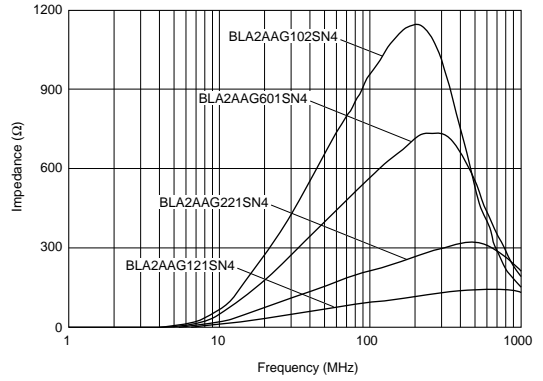
Number of Circuits: 4

Equivalent Circuit

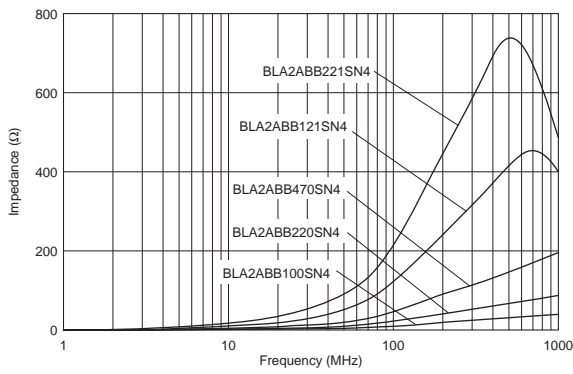


Impedance - Frequency (Typical)

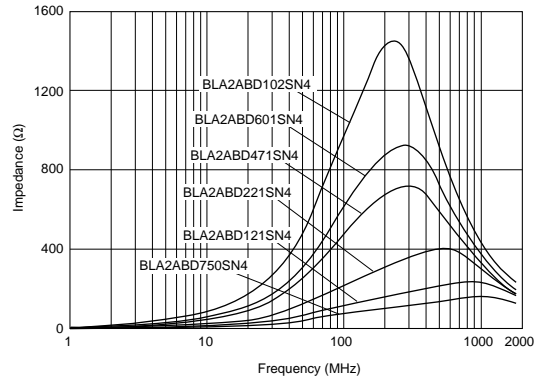
BLA2AAG Series



BLA2ABB Series

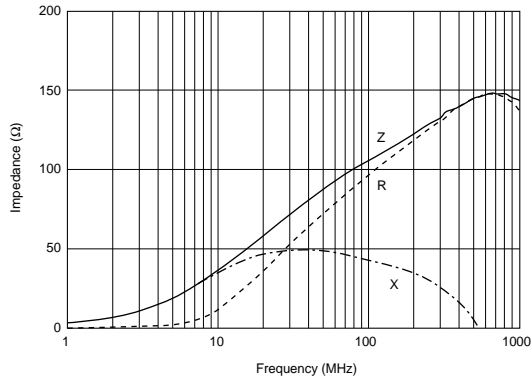


BLA2ABD Series

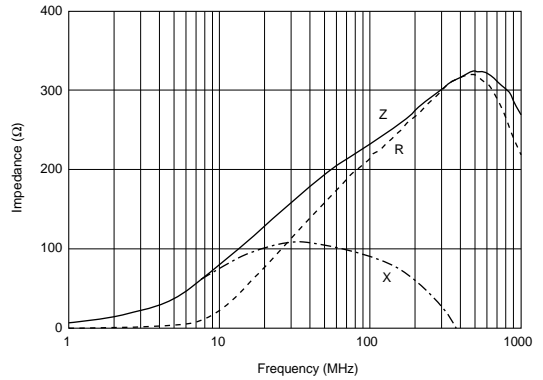


Impedance - Frequency Characteristics

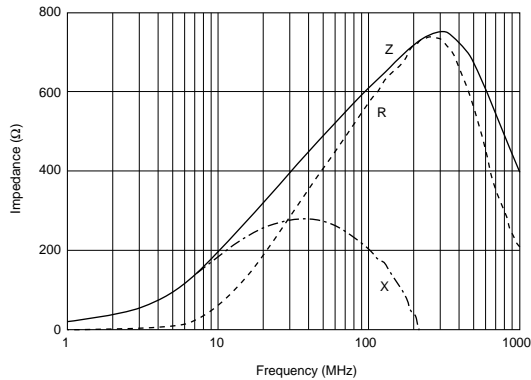
BLA2AAG121SN4



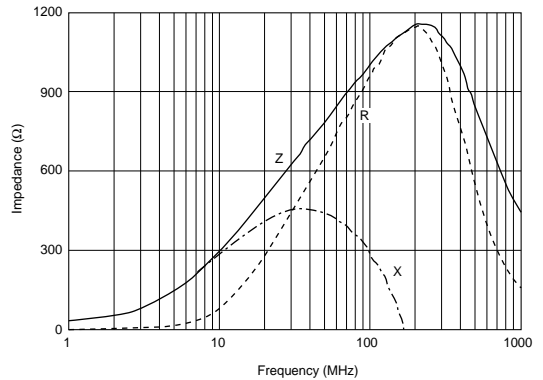
BLA2AAG221SN4



BLA2AAG601SN4



BLA2AAG102SN4

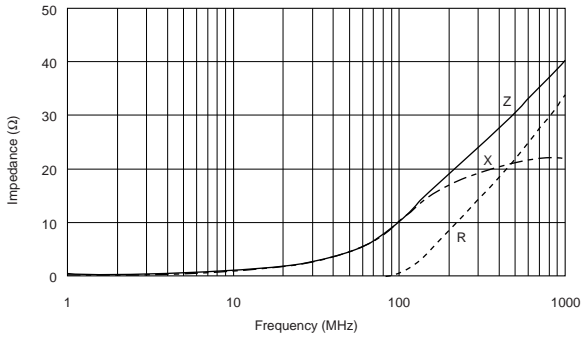


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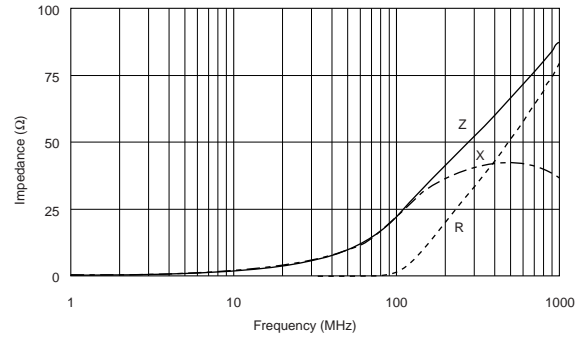
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Impedance - Frequency Characteristics

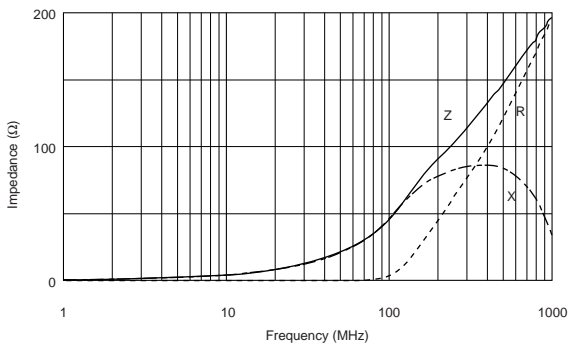
BLA2ABB100SN4



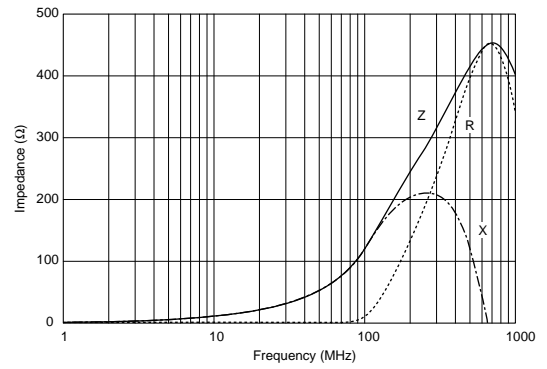
BLA2ABB220SN4



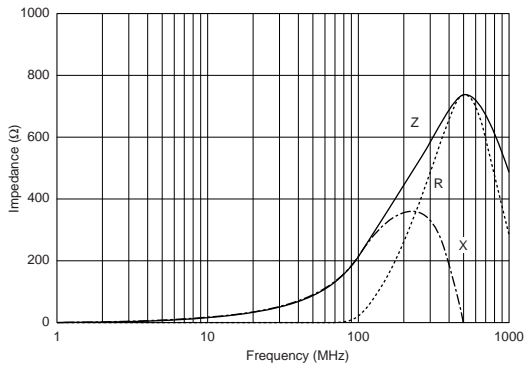
BLA2ABB470SN4



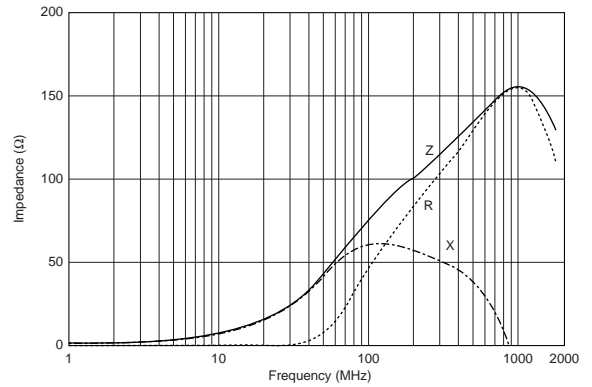
BLA2ABB121SN4



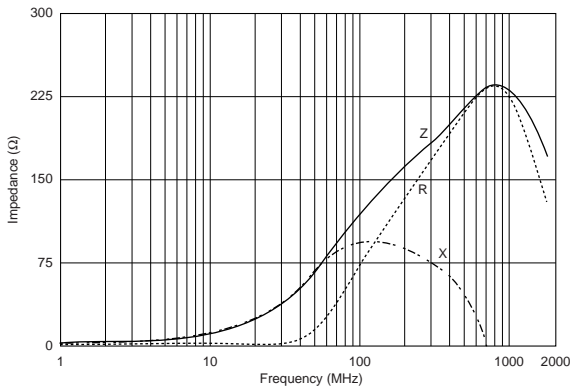
BLA2ABB221SN4



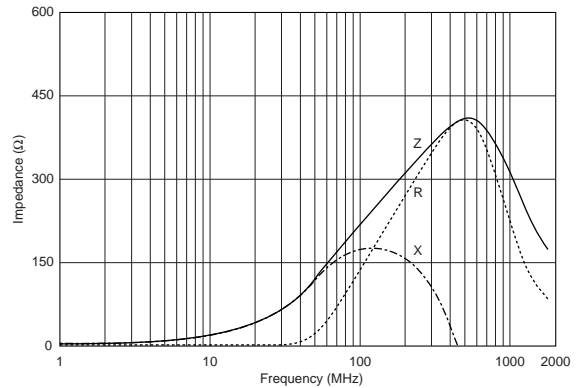
BLA2ABD750SN4



BLA2ABD121SN4



BLA2ABD221SN4

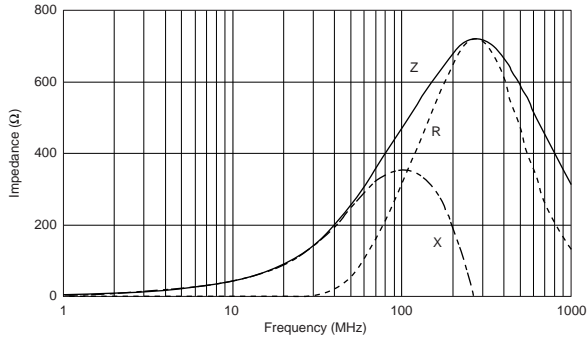


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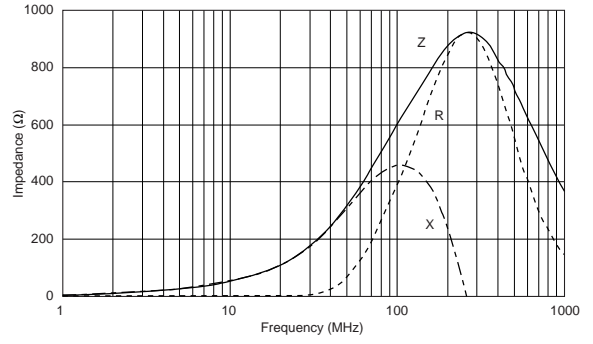
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Impedance - Frequency Characteristics

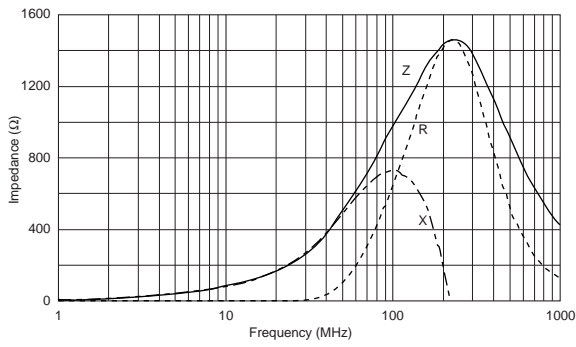
BLA2ABD471SN4



BLA2ABD601SN4



BLA2ABD102SN4



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