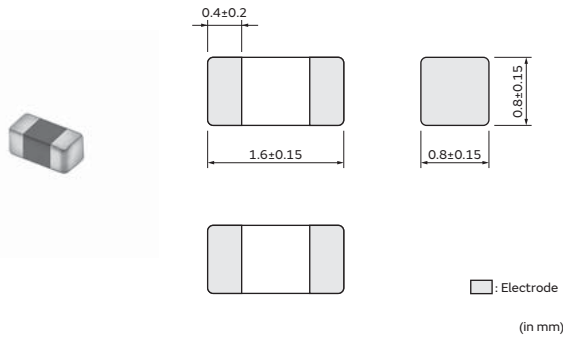


Chip ferrite bead

BLM18BA/BB/BD Series 0603/1608(inch/mm)

Appearance/Dimensions



Packaging

Code	Packaging	Minimum Quantity
D	ø180mm Paper Tape	4000
J	ø330mm Paper Tape	10000
B	Bulk(Bag)	1000

Equivalent Circuit



(Resistance element becomes dominant at high frequencies.)

Rated Value (□: packaging code)

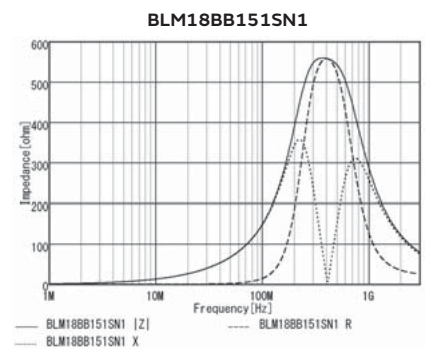
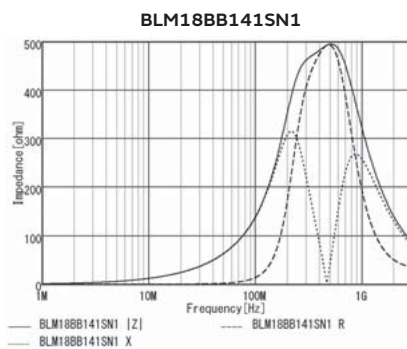
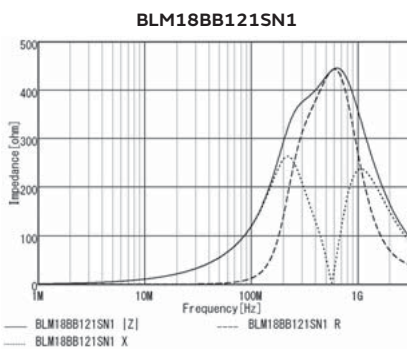
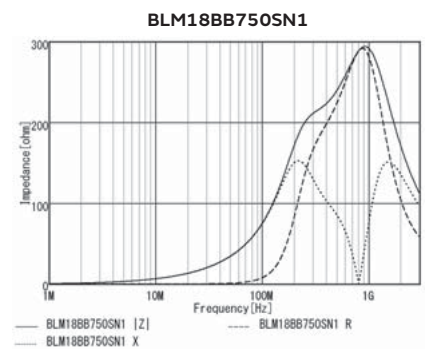
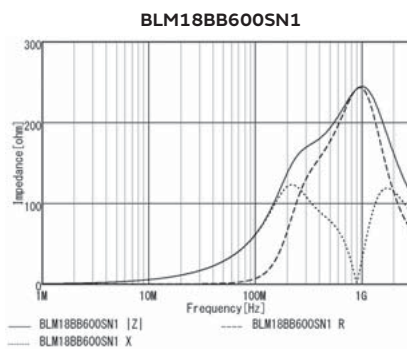
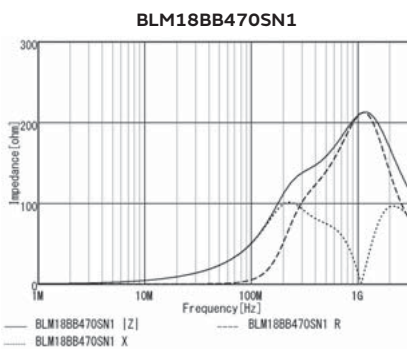
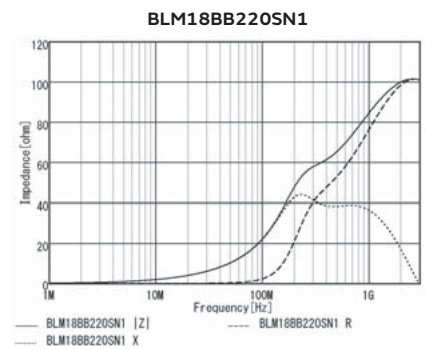
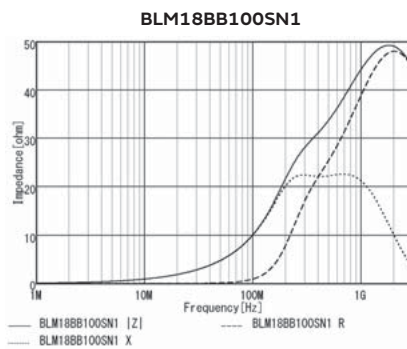
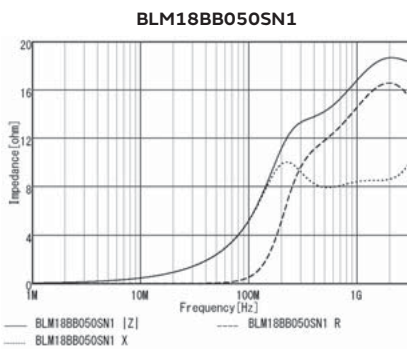
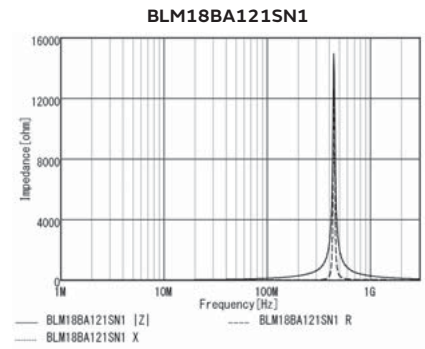
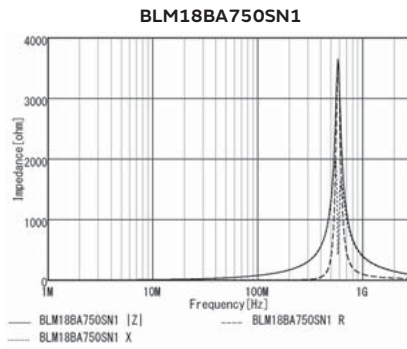
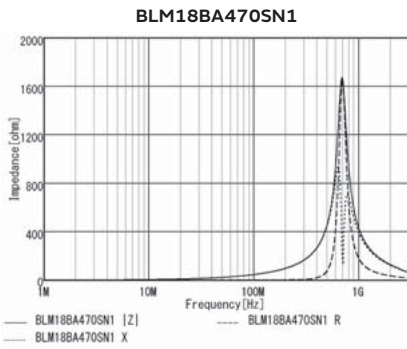
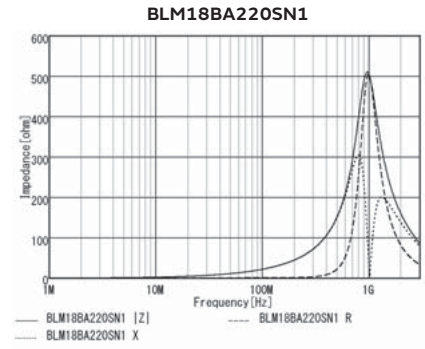
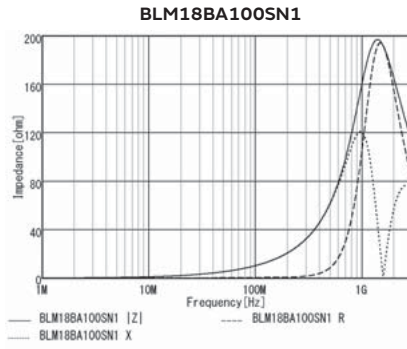
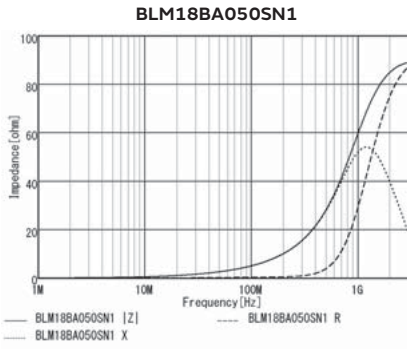
Part Number	Impedance at 100MHz	Rated Current at 85°C	Rated Current at 125°C	DC Resistance
BLM18BA050SN1□	5Ω±25%	500mA	500mA	0.2Ω
BLM18BA100SN1□	10Ω±25%	500mA	500mA	0.25Ω
BLM18BA220SN1□	22Ω±25%	500mA	500mA	0.35Ω
BLM18BA470SN1□	47Ω±25%	300mA	300mA	0.55Ω
BLM18BA750SN1□	75Ω±25%	300mA	300mA	0.7Ω
BLM18BA121SN1□	120Ω±25%	200mA	200mA	0.9Ω
BLM18BB050SN1□	5Ω±25%	800mA	800mA	0.05Ω
BLM18BB100SN1□	10Ω±25%	700mA	700mA	0.1Ω
BLM18BB220SN1□	22Ω±25%	700mA	700mA	0.2Ω
BLM18BB470SN1□	47Ω±25%	600mA	600mA	0.25Ω
BLM18BB600SN1□	60Ω±25%	600mA	600mA	0.25Ω
BLM18BB750SN1□	75Ω±25%	600mA	600mA	0.3Ω
BLM18BB121SN1□	120Ω±25%	550mA	550mA	0.3Ω
BLM18BB141SN1□	140Ω±25%	500mA	500mA	0.35Ω
BLM18BB151SN1□	150Ω±25%	450mA	450mA	0.37Ω
BLM18BB221SN1□	220Ω±25%	450mA	450mA	0.45Ω
BLM18BB331SN1□	330Ω±25%	400mA	400mA	0.58Ω
BLM18BB471SN1□	470Ω±25%	300mA	300mA	0.85Ω
BLM18BD470SN1□	47Ω±25%	500mA	500mA	0.3Ω
BLM18BD121SN1□	120Ω±25%	300mA	300mA	0.4Ω
BLM18BD151SN1□	150Ω±25%	300mA	300mA	0.4Ω
BLM18BD221SN1□	220Ω±25%	250mA	250mA	0.45Ω
BLM18BD331SN1□	330Ω±25%	250mA	250mA	0.5Ω
BLM18BD421SN1□	420Ω±25%	250mA	250mA	0.55Ω
BLM18BD471SN1□	470Ω±25%	250mA	250mA	0.55Ω
BLM18BD601SN1□	600Ω±25%	200mA	200mA	0.65Ω
BLM18BD102SN1□	1000Ω±25%	200mA	200mA	0.85Ω
BLM18BD152SN1□	1500Ω±25%	150mA	150mA	1.2Ω
BLM18BD182SN1□	1800Ω±25%	150mA	150mA	1.5Ω
BLM18BD222SN1□	2200Ω±25%	150mA	150mA	1.5Ω
BLM18BD252SN1□	2500Ω±25%	150mA	150mA	1.5Ω

Operating Temp. Range: -55°C to 125°C

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Z-f characteristics



Chip Ferrite Bead

Application Specified Noise Filter

Chip EMIFIL®

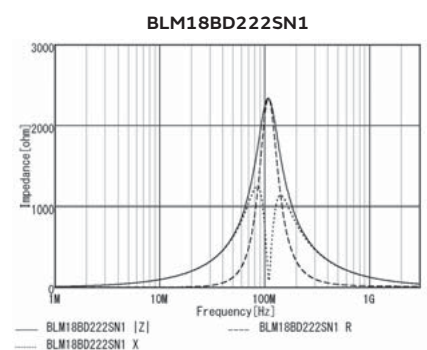
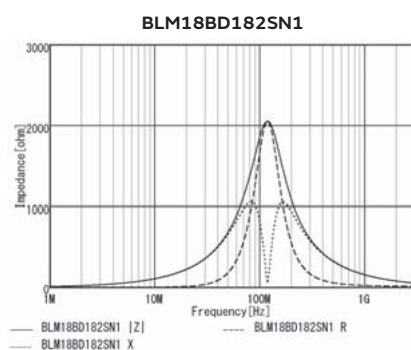
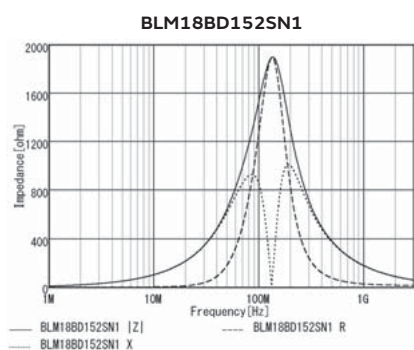
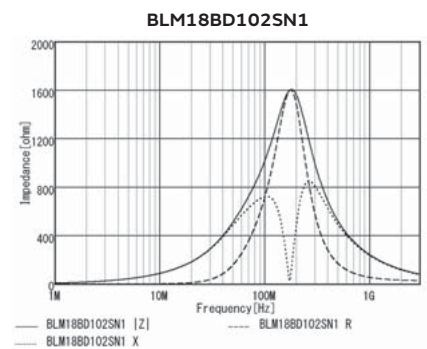
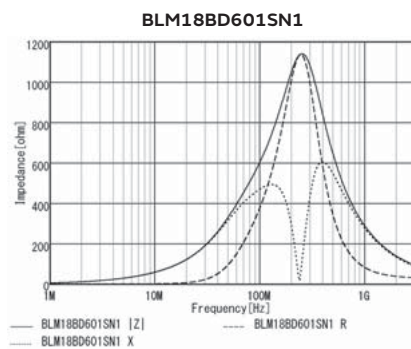
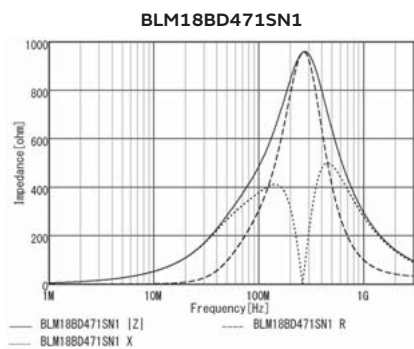
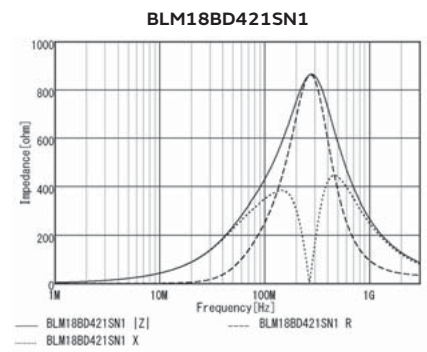
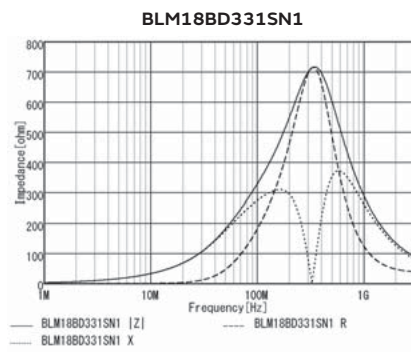
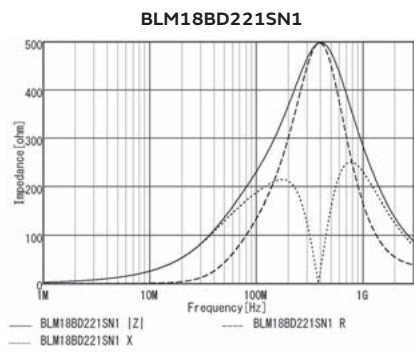
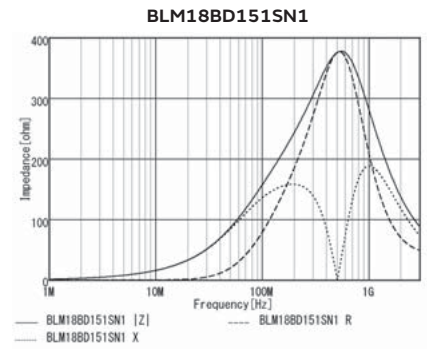
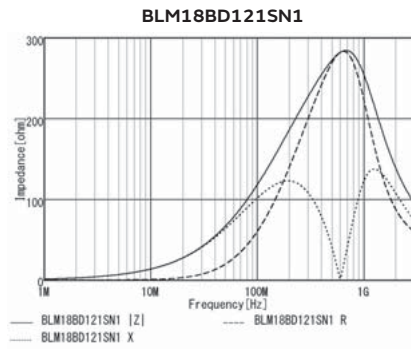
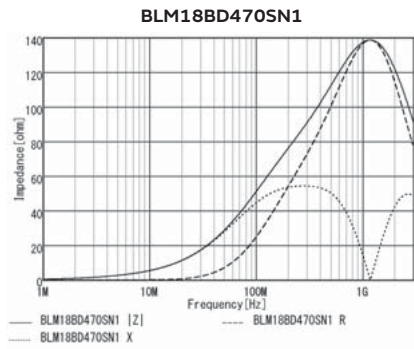
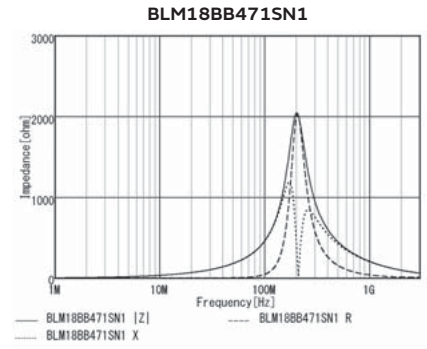
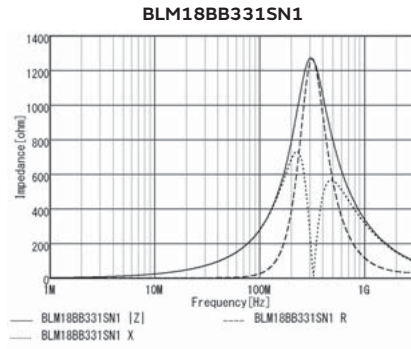
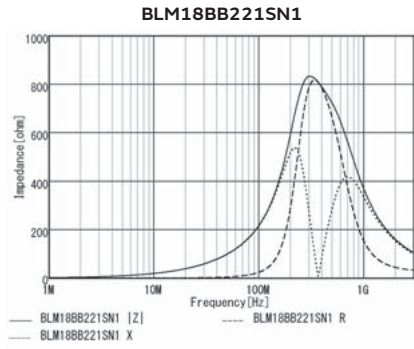
Common Mode Choke Coil
 Common Mode Noise Filter

Block Type EMIFIL®

EMC Absorber

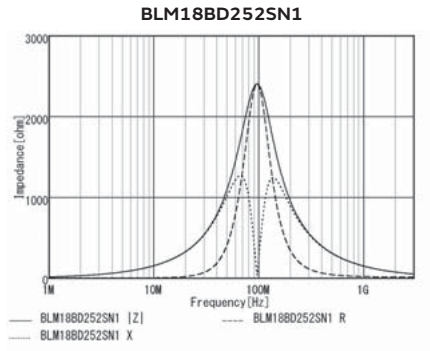
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Z-f characteristics



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Z-f characteristics



Chip Ferrite Bead

Application Specified Noise Filter

Chip EMIFIL®

Common Mode Choke Coil
Common Mode Noise Filter

Block Type EMIFIL®

EMC Absorber