



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



EMI Suppression Filters (for DC)/ Chip Inductors for Automotive



Explanation of category in this catalog

Infotainment

Info-tainment

The product for entertainment equipment like car navigations, car audios, and body control equipment like wipers, power windows.

Powertrain, Safety

Power-train

The product for high reliability applications like powertrain and safety, in addition to infotainment applications.

EU RoHS Compliant

- All the products in this catalog comply with EU RoHS.
- EU RoHS is "the European Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment."
- For more details, please refer to our web page, "Murata's Approach for EU RoHS" (<https://www.murata.com/en-eu/support/compliance/rohs>).

Because of the difference of measurement condition, electrical characteristics plots on this catalog may have some difference to official specification value.

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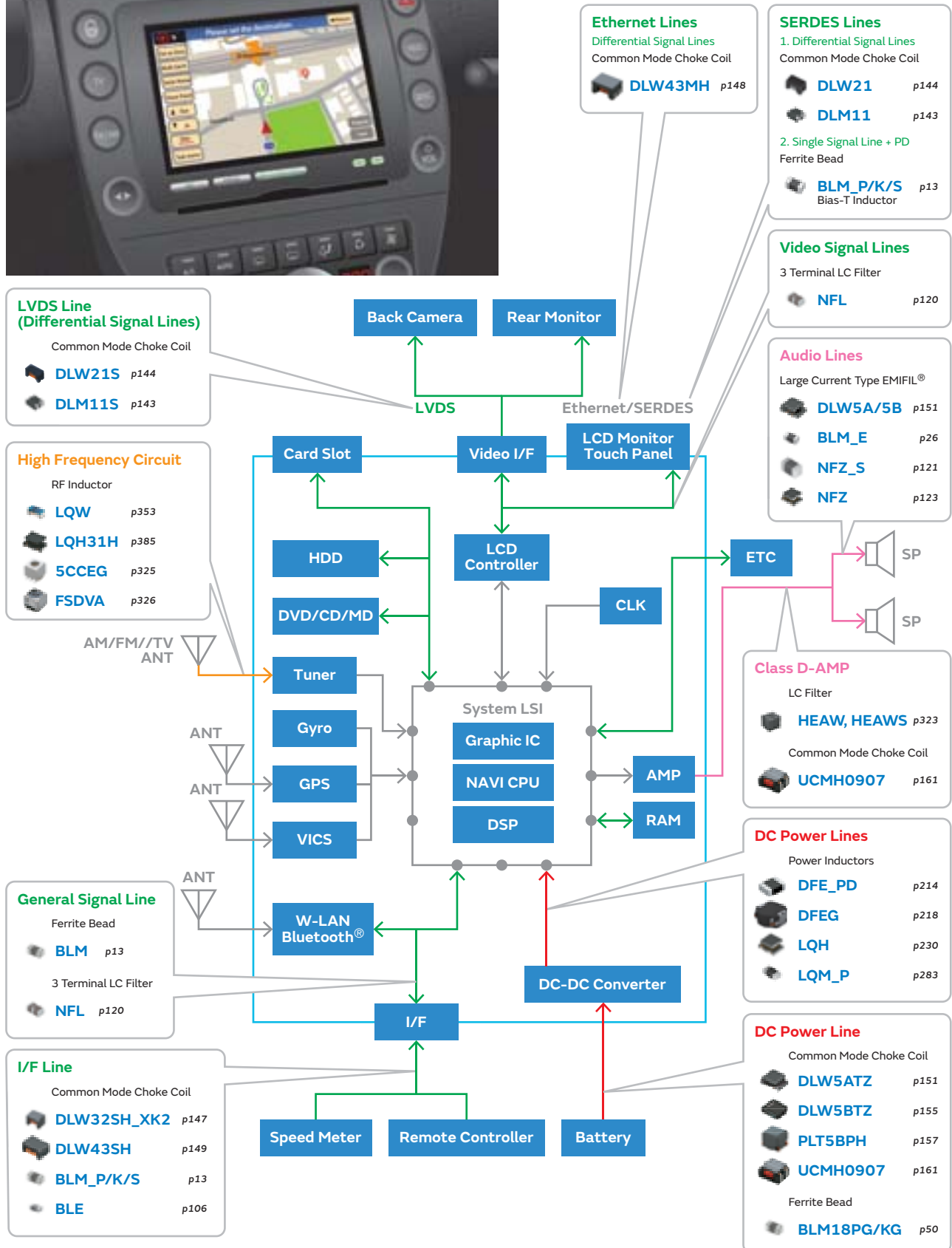
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Part Number Quick Reference p392

Please check the MURATA website (<https://www.murata.com/>) if you cannot find a part number in this catalog.

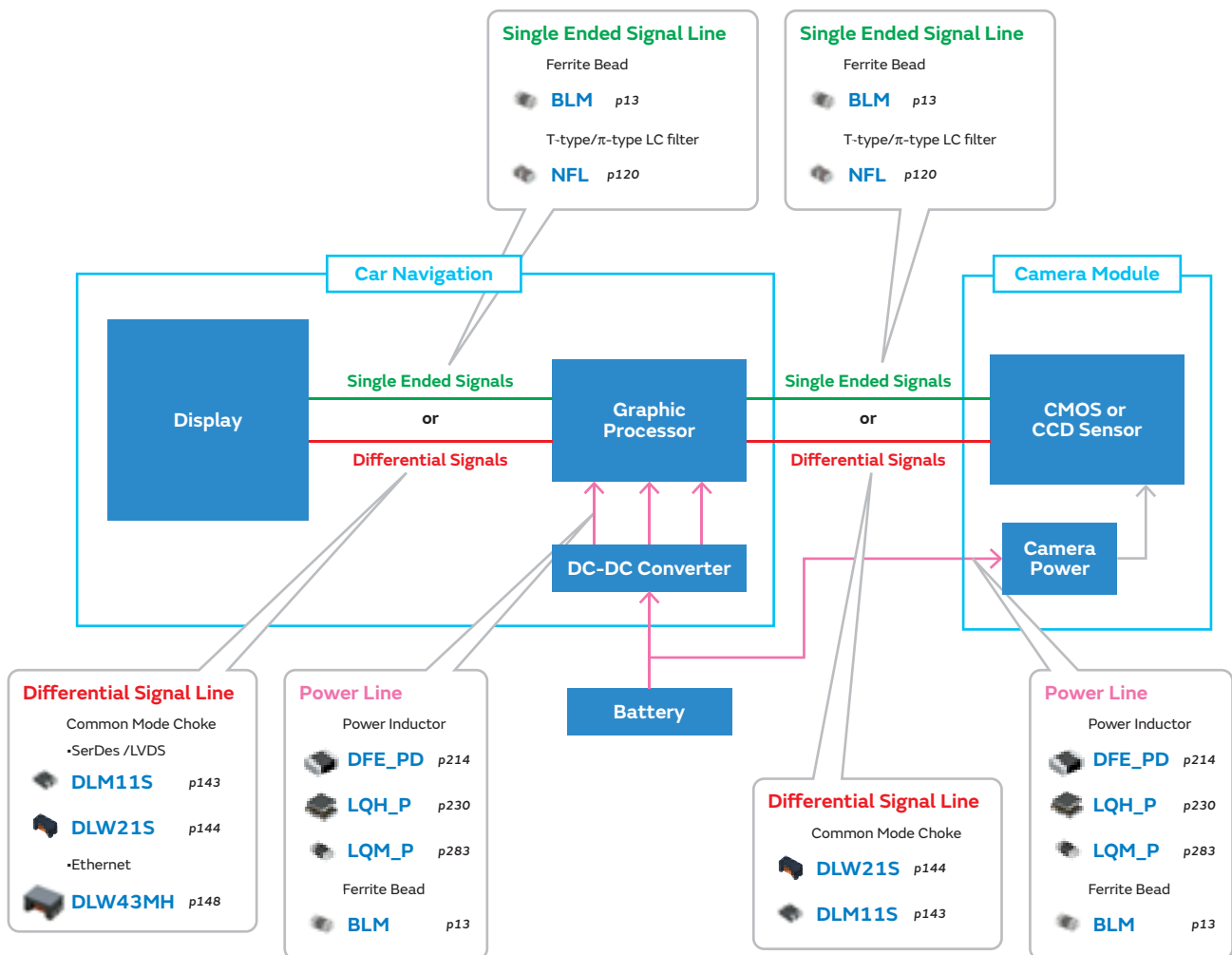
Application Examples

Car Navigation System



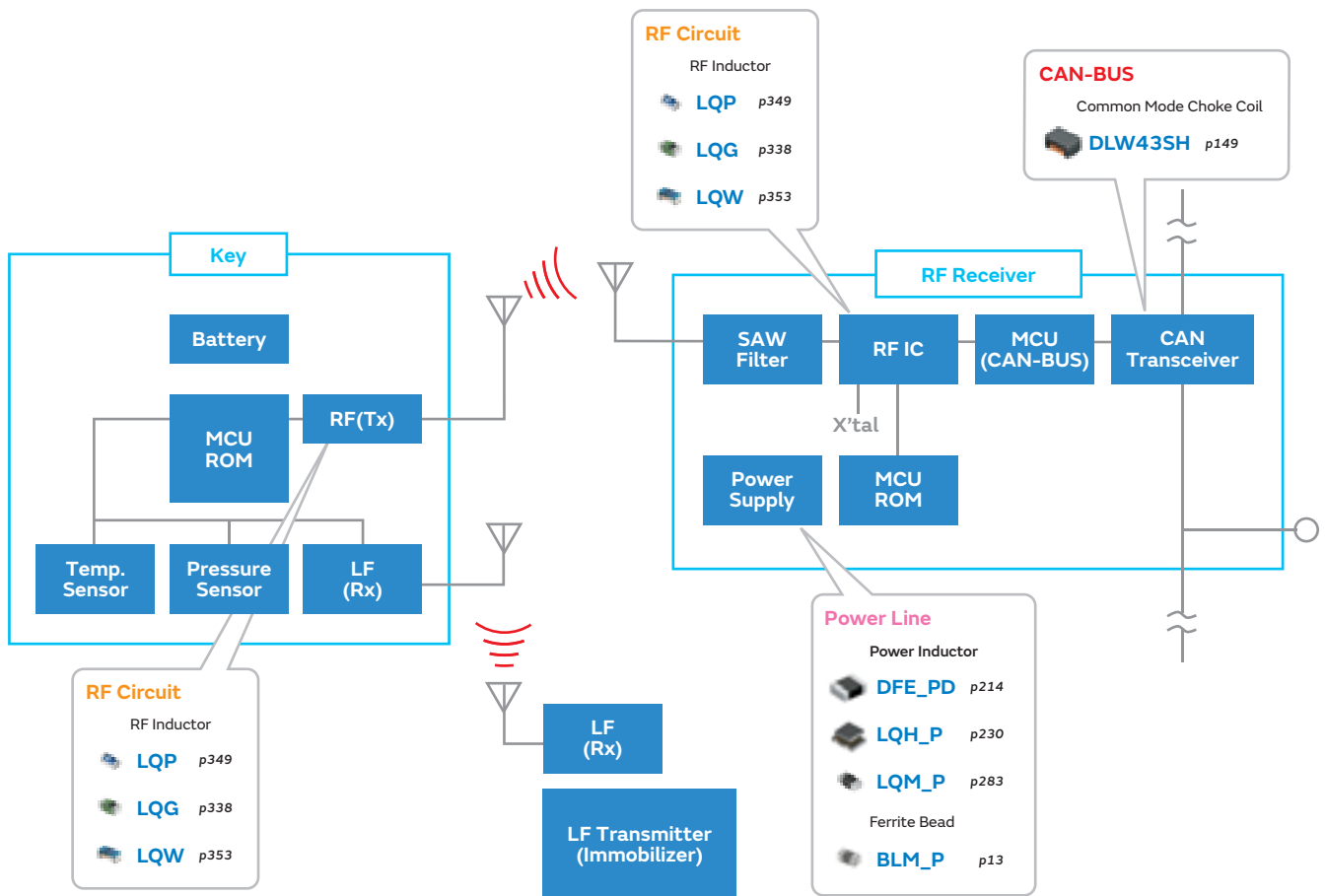
Application Examples

Car Camera System



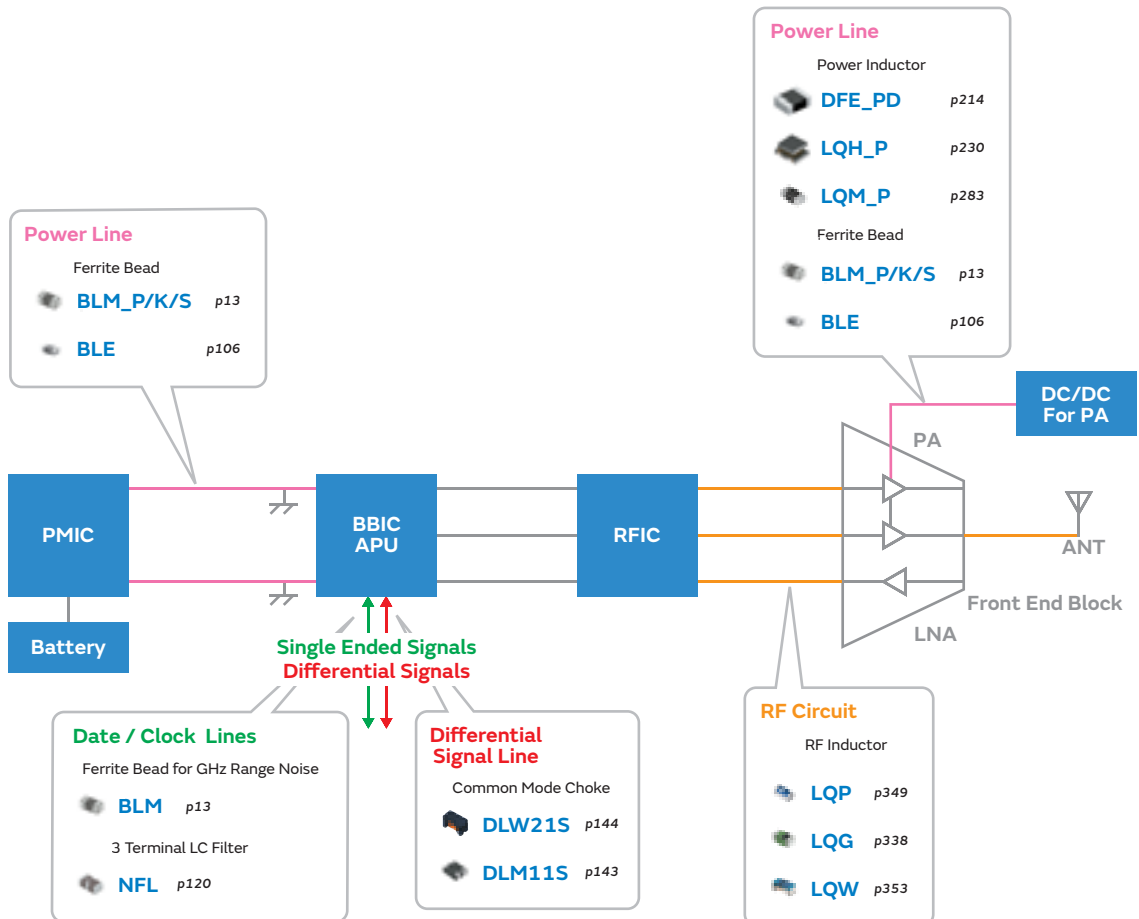
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Application Examples

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Chip EMIFIL®

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EMI Suppression Filters (Lead Type)

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Microchip Transformer (Balun)

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SMD Type
 Chip Ferrite Bead

SMD Type
 Chip EMIFIL®

SMD Type
 Chip Common Mode Choke Coil

SMD Type
 Block Type EMIFIL®

Lead Type
 EMI Suppression Filters

SMD Type
 Microchip Transformer (Balun)

Product Guide

BL Inductor Type

		Series	Applications	Size Code in inch (in mm)	Impedance at 100MHz		
For General Band Noise	Universal Type [Power Lines / Signal Lines]	BLM03AX	p16	0201 (0603)	10Ω to 1000Ω		
		BLM15AX	p32	0402 (1005)	10Ω to 1000Ω		
	Signal Lines Type	For General Signal Lines	BLM03AG	p18	0201 (0603)	10Ω to 1000Ω	
			BLM15AG	p34	0402 (1005)	10Ω to 1000Ω	
			BLM18AG	p61	0603 (1608)	120Ω to 1000Ω	
			BLM18AG* (150°C available)	p65	0603 (1608)	120Ω to 1000Ω	
			BLM18AG* (Conductive glue)	p63	0603 (1608)	470Ω to 1000Ω	
		BLM21AG	p88	0805 (2012)	120Ω to 1000Ω		
		BLM21AG* (150°C available)	p90	0805 (2012)	120Ω to 1000Ω		
		BLM31AJ	p103	1206 (3216)	600Ω		
		For High Speed Signal Lines	BLM03B	p20	0201 (0603)	10Ω to 600Ω	
			BLM15B	p36	0402 (1005)	5Ω to 1800Ω	
	BLM18B		p67	0603 (1608)	5Ω to 2500Ω		
	BLM18B* (150°C available)		p72	0603 (1608)	47Ω to 2500Ω		
	BLM21B		p92	0805 (2012)	5Ω to 2700Ω		
	Power Lines Type	BLM03PX*	p13	0201 (0603)	22Ω to 80Ω		
		BLM03PG	p15	0201 (0603)	22Ω to 33Ω		
		BLM15PX*	p28	0402 (1005)	33Ω to 600Ω		
		BLM15PG/PD*	p30	0402 (1005)	10Ω to 120Ω		
		BLM18PG*	p50	0603 (1608)	30Ω to 470Ω		
		BLM21PG*	p83	0805 (2012)	22Ω to 330Ω		
		BLM21PG* (150°C available)	p85	0805 (2012)	22Ω to 330Ω		
		BLM31PG*	p96	1206 (3216)	33Ω to 600Ω		
		BLM41PG*	p104	1806 (4516)	60Ω to 1000Ω		
		BLM18KG* (Low DC Resistance Type)	p55	0603 (1608)	26Ω to 1000Ω		
		BLM18KG* (150°C available)	p58	0603 (1608)	26Ω to 1000Ω		
		BLM31KN*	p98	1206 (3216)	120Ω to 1000Ω		
		BLM31KN* (150°C available)	p100	1206 (3216)	120Ω to 1000Ω		
		BLM18SG* (Low DC Resistance Type)	p52	0603 (1608)	26Ω to 330Ω		
		BLM18SN*	p54	0603 (1608)	22Ω		
		BLM21SN*	p87	0805 (2012)	30Ω		
		BLM31SN*	p102	1206 (3216)	50Ω		
		BLE18PS*	p106	0603 (1608)	8.5Ω		
BLE32PN		p107	1210 (3225)	26Ω to 30Ω			
For GHz Band Noise		Universal Type [Power Lines / Signal Lines]	BLM03EB*	p26	0201 (0603)	25Ω to 50Ω	
	BLM15EG*		p47	0402 (1005)	120Ω to 220Ω		
	BLM18EG*		p79	0603 (1608)	100Ω to 600Ω		
	BLM18HE*		p75	0603 (1608)	600Ω to 1500Ω		
	Signal Lines Type	BLM03HG	p23	0201 (0603)	600Ω to 1200Ω		
		BLM03HD	p23	0201 (0603)	330Ω to 1800Ω		
		BLM03HB	p23	0201 (0603)	190Ω to 400Ω		
		BLM15HG	p42	0402 (1005)	600Ω to 1000Ω		
		BLM15HG* (150°C available)	p45	0402 (1005)	600Ω to 1000Ω		
		BLM15HD	p42	0402 (1005)	600Ω to 1800Ω		
		BLM15HB	p42	0402 (1005)	120Ω to 220Ω		
		BLM18HG	p75	0603 (1608)	470Ω to 1000Ω		
		BLM18HD	p75	0603 (1608)	470Ω to 1000Ω		
		BLM18HB	p75	0603 (1608)	120Ω to 330Ω		
		For High-GHz Band Noise	Signal Lines Type	BLM15GG	p49	0402 (1005)	220Ω to 470Ω
				BLM15GA	p49	0402 (1005)	75Ω
				BLM18GG	p82	0603 (1608)	470Ω

* The derating of rated current is required for some items according to the operating temperature on each product page.

NF □

Combined Type

	Series		Applications	Size Code in inch (in mm)	Cut-off Frequency
Signal Lines Type	NFL18ZT	p120		0603 (1608)	50MHz to 500MHz

Combined Type

	Series		Applications	Size Code in inch (in mm)	Capacitance
Universal Type [Power Lines / Signal Lines]	NFE31ZT	p118		1206 (3216)	22pF to 2200pF
	NFE61HT	p119		2706 (6816)	33pF to 3300pF

Inductor Type

	Series		Applications	Size Code in inch (in mm)	Impedance at 1MHz
For LED Lines	NFZ32BW*	p123		1210 (3225)	3.3Ω to 880Ω
	NFZ5BBW*	p129		2020 (5050)	2.9Ω to 140Ω

* The derating of rated current is required for some items according to the operating temperature on each product page.

Inductor Type

	Series		Applications	Size Code in inch (in mm)	Impedance at 100MHz
For Audio Lines	NFZ18SM*	p121		0603 (1608)	120Ω to 700Ω

* The derating of rated current is required for some items according to the operating temperature on each product page.

DL □

Common Mode Choke Coils

		Series		Applications	Size Code in inch (in mm)	Common Mode Impedance at 100MHz
Signal Lines Type	For Differential Signal Lines	DLM11S	p143		0504 (1210)	45Ω to 90Ω
		DLW21S	p144		0805 (2012)	67Ω to 490Ω
		DLW31S	p146		1206 (3216)	2200Ω
Universal Type [Power Lines / Signal Lines]		DLW5BS	p154		2020 (5050)	500Ω to 800Ω
		DLW5AT*/DLW5BT*	p151		2014 (5036)/2020 (5050)	45Ω to 1400Ω
Power Lines Type		UCMH0907	p161		3527 (9070)	700Ω

* The derating of rated current is required for some items according to the operating temperature on each product page.

Common Mode Choke Coils

	Series		Applications	Size Code in inch (in mm)	Common Mode Inductance at 0.1MHz
For CAN/CAN FD/FlexRay	DLW32SH	p147		1210 (3225)	11μH to 100μH
	DLW43MH	p148		1812 (4532)	200μH

Common Mode Choke Coils

	Series		Applications	Size Code in inch (in mm)	Common Mode Inductance at 0.1MHz	
Signal Lines Type	For Differential Signal Lines	DLW43S	p149		1812 (4532)	11μH to 100μH

Common Mode Choke Coils

	Series		Applications	Size Code in inch (in mm)	Common Mode Inductance at 1MHz	
Signal Lines Type	For Differential Signal Lines	DLW43S	p149		1812 (4532)	51μH to 100μH

PL□

Large Current Common Mode
 Choke Coil for Automotive Available

	Series	Applications	Size Code in inch (in mm)	Common Mode Impedance at 10MHz
Power Lines Type	PLT10H* p159		-	45Ω to 1000Ω
	PLT5BP* p157		2020 (5050)	100Ω to 500Ω

* The derating of rated current is required for some items according to the operating temperature on each product page.

BNX

Block EMIFIL®

		Series	Applications	Height (mm)	Rated Voltage (Vdc)	Rated Current (A)
Power Lines Type	SMD Type	BNX024H01* p176		3.5	50	20
		BNX025H01* p176		3.5	25	20
		BNX026H01* p176		3.5	50	20
		BNX027H01* p176		3.5	16	20
	Lead Type	BNX012H01* p191		8.5 max.	50	15

* The derating of rated current is required for some items according to the operating temperature on each product page.

BLL

Leaded Multilayer Ferrite Beads

	Series	Applications	Height (mm)	Impedance at 100MHz
Signal Lines Type	BLL18AG p185		4.0 max.	120Ω to 1000Ω

DS□

3-Terminal Capacitor Lead Type

	Series	Applications	Height (mm)	Capacitance
Universal Type [Power Lines / Signal Lines]	DSS1 p187		7.5 max.	22pF to 100nF

VF□

Lead Type Capacitor
 with Varistor Function

	Series	Applications	Height (mm)	Capacitance	Varistor Voltage
Power Lines Type	VFC2 p190		6.0 max.	1.0μF	27V

● Part Numbering

Chip Ferrite Bead for Automotive

(Part Number)

BL	M	18	AG	102	S	Z	1	D
①	②	③	④	⑤	⑥	⑦	⑧	⑨

① Product ID

Product ID	
BL	Chip Ferrite Beads

② Type

Code	Type
E	DC Bias Characteristics Improved Type
M	Ferrite Bead Single Type

③ Dimensions (LxW)

Code	Dimensions (LxW)	Size Code (inch)
03	0.6x0.3mm	0201
15	1.0x0.5mm	0402
18	1.6x0.8mm	0603
21	2.0x1.25mm	0805
31	3.2x1.6mm	1206
32	3.2x2.5mm	1210
41	4.5x1.6mm	1806

④ Characteristics/Applications

Code *1	Characteristics/Applications	Series	
AG	For General Use	BLM03/15/18/21	
AJ		BLM31	
AX		BLM03/15	
BA	For High-speed Signal Lines	BLM15/18	
BB		BLM03/15/18/21	
BC		BLM03/15	
BD		BLM03/15/18/21	
BX		BLM15	
KG		BLM18	
KN		BLM31	
PD	For Power Lines	BLM15	
PG		BLM03/15/18/21/31/41	
PN		BLE32	
PS		BLE18	
PX		BLM03/15	
SG		BLM18	
SN		BLM18/21/31	
HG		For GHz Band General Use	BLM03/15/18
EB		For GHz Band High-speed Signal Lines (Low Direct Current Type)	BLM03
EG		For GHz Band General Use (Low DC Resistance Type)	BLM15/18
HB		For GHz Band High-speed Signal Lines	BLM03/15/18
HD	BLM03/15/18		
HE	BLM18		
GA	For High-GHz Band High-speed Signal Lines	BLM15	
GG	For High-GHz Band General Use	BLM15/18	

*1 Frequency characteristics vary with each code.

⑤ Impedance

Expressed by three figures. The unit is in ohm (Ω) at 100MHz. The first and second figures are significant digits, and the third figure expresses the number of zeros that follow the two figures.

⑥ Electrode

Expressed by a letter.

Ex.)

Code	Electrode
S/F/T/B/J	Sn Plating
A	Au Plating
W	Ag/Pd

⑦ Category

Code	Category	
Z	For Automotive	Infotainment
H		Powertrain, Safety

⑧ Number of Circuits

Code	Number of Circuits
1	1 Circuit

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⑨Packaging

Code	Packaging	Series
K	Embossed Taping (ø330mm Reel)	BLE32, BLM21^{*1}/31A/31K/31P/41
L	Embossed Taping (ø180mm Reel)	BLE32, BLM21^{*1}/31/41
B	Bulk	All Series
J	Paper Taping (ø330mm Reel)	BLE18, BLM03/15/18^{*2}/21^{*3}
D	Paper Taping (ø180mm Reel)	BLE18, BLM03/15/18/21^{*3}

*1 BLM21BD222S□1/BLM21BD272S□1 only.

*2 Except for BLM18KG_JH1/_BH1/BLM18BD_BH1/BLM18AG_BH1

*3 Except for BLM21BD222S□1/BLM21BD272S□1

Chip Ferrite Bead
SMD Type

Chip EMIFIL®
SMD Type

Chip Common Mode Choke Coil
SMD Type

Block Type EMIFIL®
SMD Type

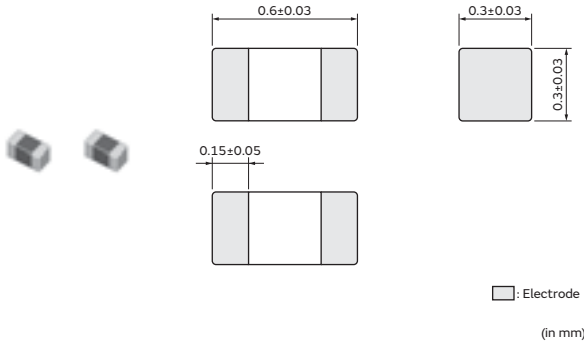
EMI Suppression Filters
Lead Type

Microchip Transformer (Balun)
SMD Type

Chip Ferrite Bead SMD Type

BLM03PX Series 0201/0603(inch/mm)

Appearance/Dimensions



Packaging

Code	Packaging	Minimum Quantity
D	ø180mm Paper Tape	15000
J	ø330mm Paper Tape	50000
B	Bulk(Bag)	1000

Equivalent Circuit



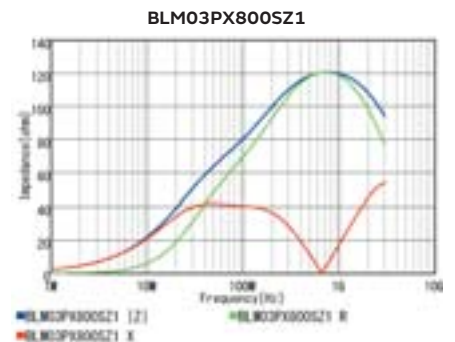
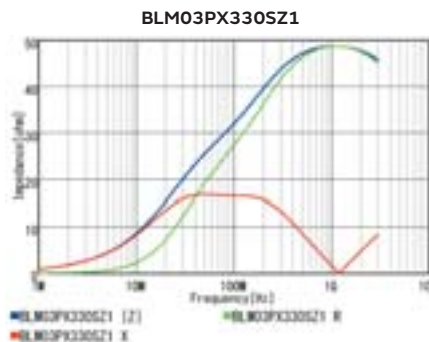
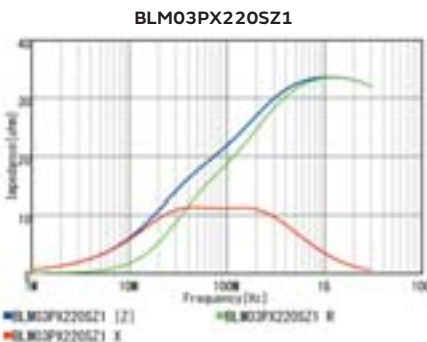
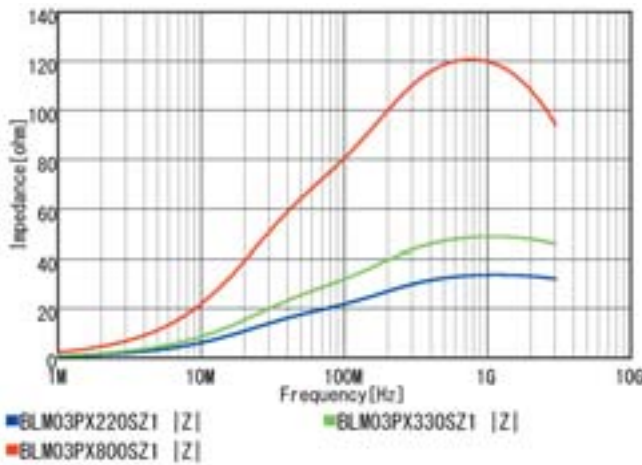
(Resistance element becomes dominant at high frequencies.)

Rated Value (□: packaging code)

Part Number		Impedance at 100MHz	Rated Current at 85°C	Rated Current at 125°C	DC Resistance (Max.)
Infotainment	Powertrain/Safety				
BLM03PX220SZ1□	—	22Ω±25%	1.8A	1.45A	0.04Ω
BLM03PX330SZ1□	—	33Ω±25%	1.5A	1.2A	0.055Ω
BLM03PX800SZ1□	—	80Ω±25%	1A	800mA	0.13Ω

Operating Temp. Range: -55°C to 125°C

Z-f characteristics: BLM03PX_SZ1 series



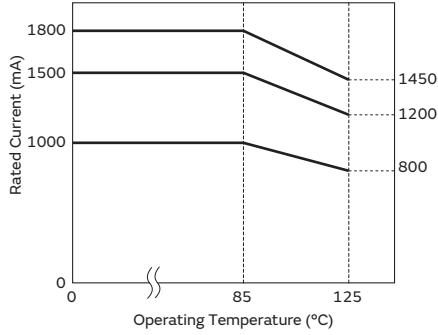
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Derating of Rated Current

In operating temperature exceeding +85°C, derating of current is necessary for BLM03PX_S□1 series. Please apply the derating curve shown in chart according to the operating temperature.

Derating of Rated Current



Chip Ferrite Bead
SMD Type

Chip EMIFIL®
SMD Type

Chip Common Mode Choke Coil
SMD Type

Block Type EMIFIL®
SMD Type

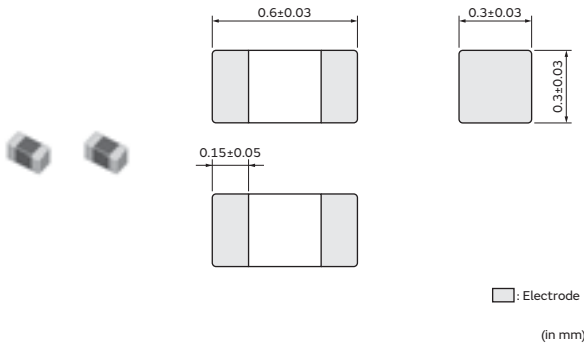
EMI Suppression Filters
Lead Type

Microchip Transformer (Balun)
SMD Type

Chip Ferrite Bead SMD Type

BLM03PG Series 0201/0603(inch/mm)

Appearance/Dimensions



Packaging

Code	Packaging	Minimum Quantity
D	ø180mm Paper Tape	15000
J	ø330mm Paper Tape	50000
B	Bulk(Bag)	1000

Equivalent Circuit



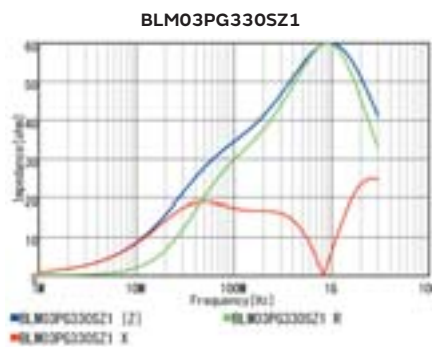
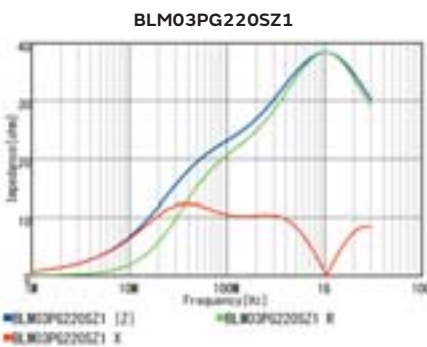
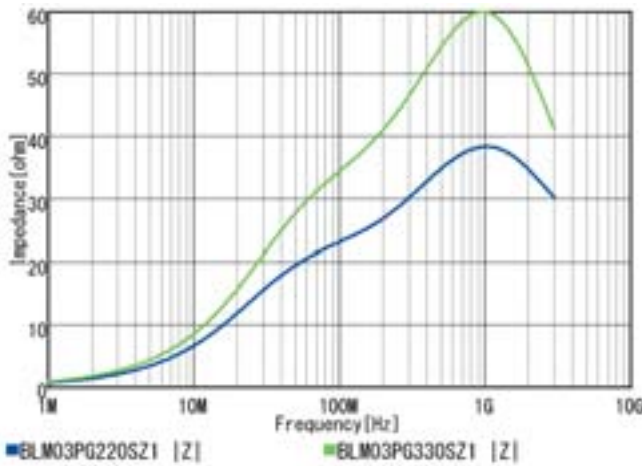
(Resistance element becomes dominant at high frequencies.)

Rated Value (□: packaging code)

Part Number		Impedance at 100MHz	Rated Current at 85°C	Rated Current at 125°C	DC Resistance (Max.)
Infotainment	Powertrain/Safety				
BLM03PG220SZ1□	—	22Ω±25%	900mA	900mA	0.065Ω
BLM03PG330SZ1□	—	33Ω±25%	750mA	750mA	0.09Ω

Operating Temp. Range: -55°C to 125°C

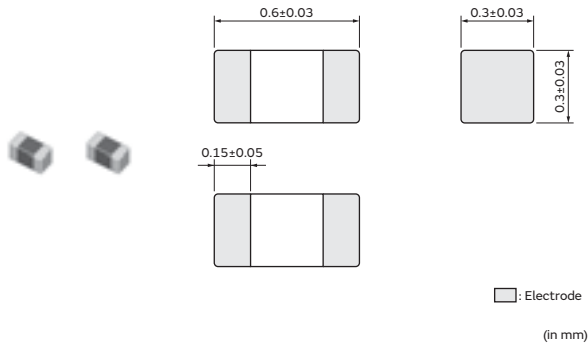
Z-f characteristics: BLM03PG_SZ1 series



Chip Ferrite Bead SMD Type

BLM03AX Series 0201/0603(inch/mm)

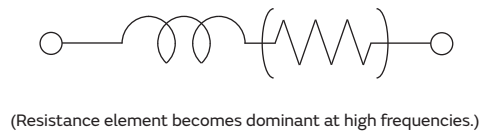
Appearance/Dimensions



Packaging

Code	Packaging	Minimum Quantity
D	ø180mm Paper Tape	15000
J	ø330mm Paper Tape	50000
B	Bulk(Bag)	1000

Equivalent Circuit

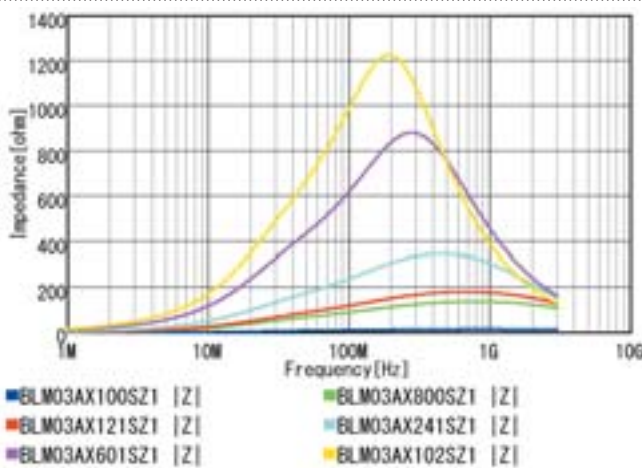


Rated Value (□: packaging code)

Part Number		Impedance at 100MHz	Rated Current at 85°C	Rated Current at 125°C	DC Resistance (Max.)
Infotainment	Powertrain/Safety				
BLM03AX100SZ1□	—	10Ω(Typ.)	1A	1A	0.05Ω
BLM03AX800SZ1□	—	80Ω±25%	500mA	500mA	0.18Ω
BLM03AX121SZ1□	—	120Ω±25%	450mA	450mA	0.23Ω
BLM03AX241SZ1□	—	240Ω±25%	350mA	350mA	0.38Ω
BLM03AX601SZ1□	—	600Ω±25%	250mA	250mA	0.85Ω
BLM03AX102SZ1□	—	1000Ω±25%	200mA	200mA	1.25Ω

Operating Temp. Range: -55°C to 125°C

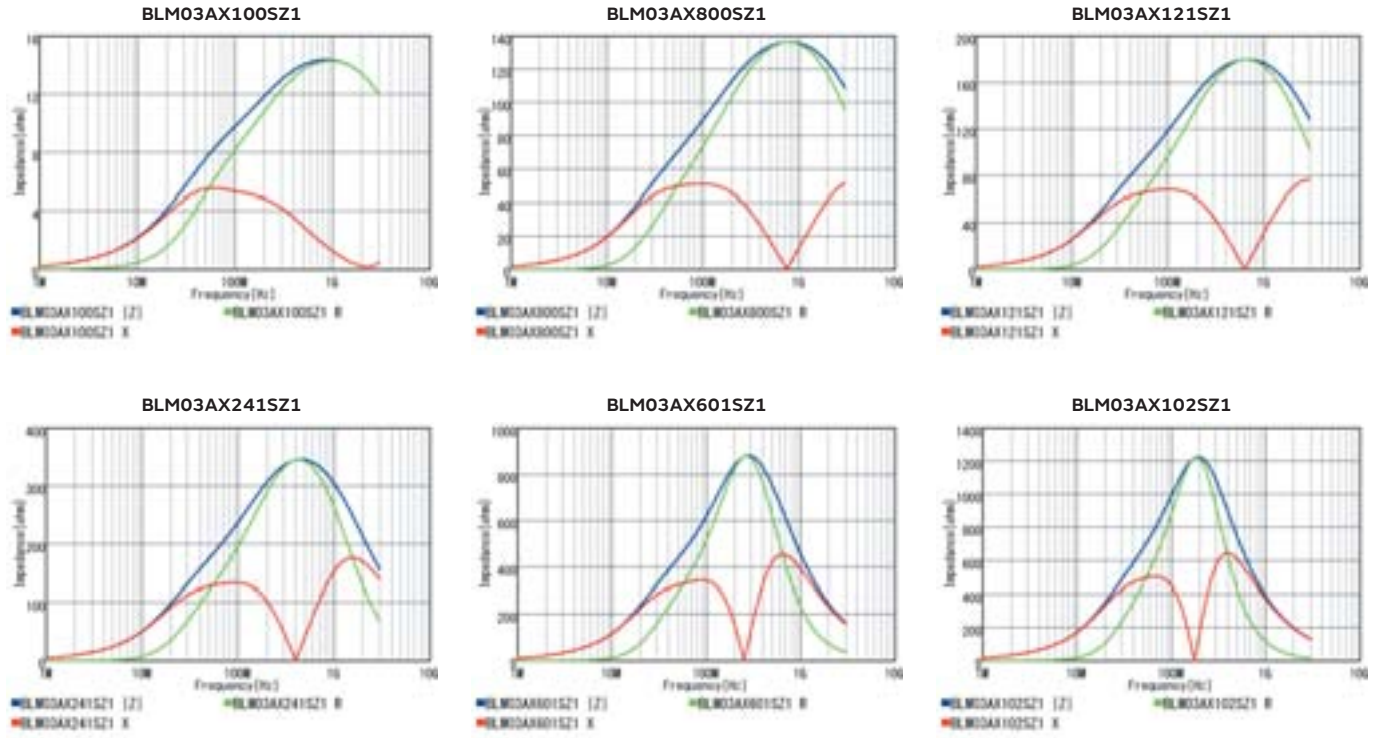
Z-f characteristics: BLM03AX_SZ1 series



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Z-f characteristics



SMD Type
 Chip Ferrite Bead

SMD Type
 Chip EMI FIL®

SMD Type
 Chip Common Mode Choke Coil

SMD Type
 Block Type EMI FIL®

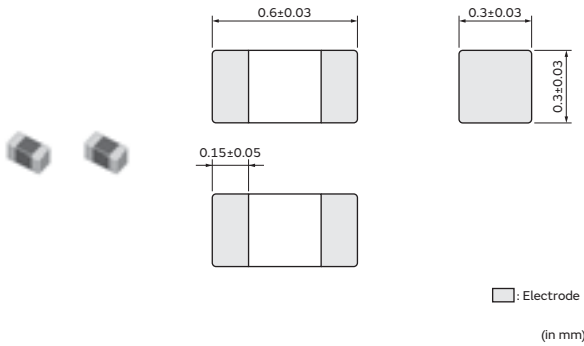
Lead Type
 EMI Suppression Filters

SMD Type
 Microchip Transformer (Balun)

Chip Ferrite Bead SMD Type

BLM03AG Series 0201/0603(inch/mm)

Appearance/Dimensions



Packaging

Code	Packaging	Minimum Quantity
D	ø180mm Paper Tape	15000
J	ø330mm Paper Tape	50000
B	Bulk(Bag)	1000

Equivalent Circuit



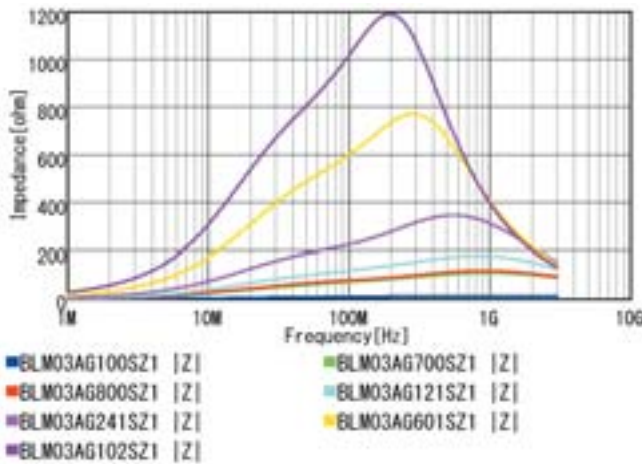
(Resistance element becomes dominant at high frequencies.)

Rated Value (□: packaging code)

Part Number		Impedance at 100MHz	Rated Current at 85°C	Rated Current at 125°C	DC Resistance (Max.)
Infotainment	Powertrain/Safety				
BLM03AG100SZ1□	—	10Ω(Typ.)	500mA	500mA	0.1Ω
BLM03AG700SZ1□	—	70Ω(Typ.)	200mA	200mA	0.4Ω
BLM03AG800SZ1□	—	80Ω±25%	200mA	200mA	0.4Ω
BLM03AG121SZ1□	—	120Ω±25%	200mA	200mA	0.5Ω
BLM03AG241SZ1□	—	240Ω±25%	200mA	200mA	0.8Ω
BLM03AG601SZ1□	—	600Ω±25%	100mA	100mA	1.5Ω
BLM03AG102SZ1□	—	1000Ω±25%	100mA	100mA	2.5Ω

Operating Temp. Range: -55°C to 125°C

Z-f characteristics: BLM03AG_SZ1 series

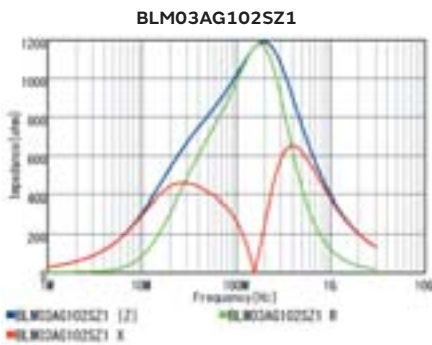
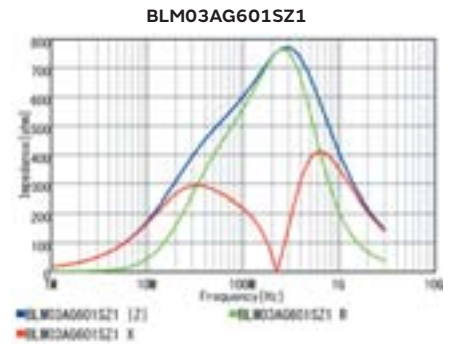
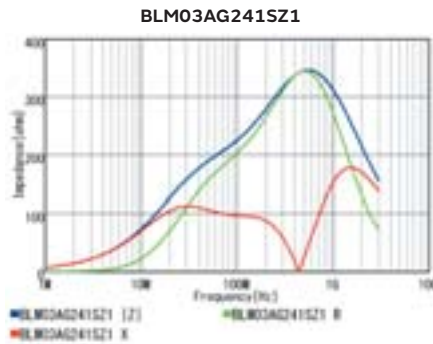
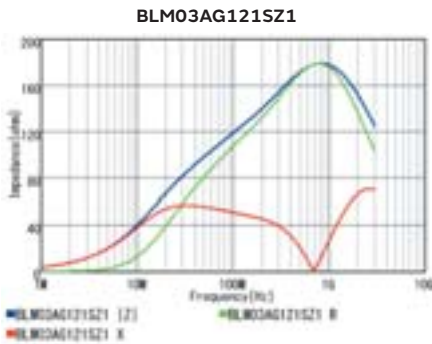
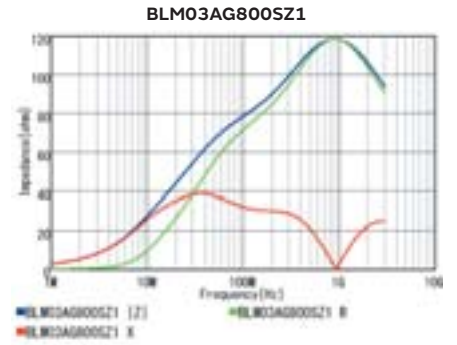
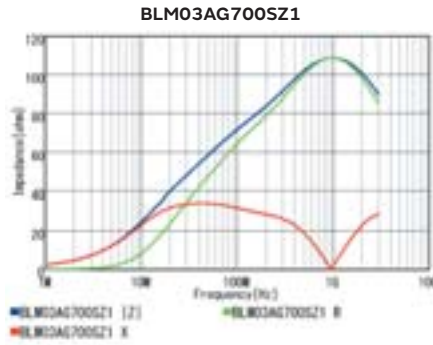
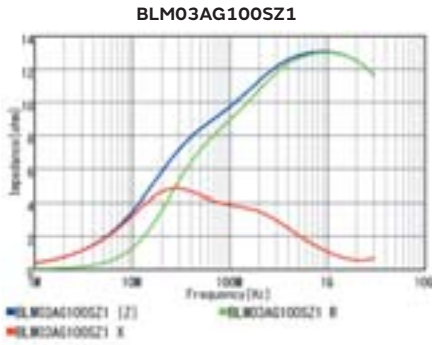


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Chip Ferrite Bead SMD Type
 Chip EMIFIL® SMD Type
 Chip Common Mode Choke Coil SMD Type
 Block Type EMIFIL® SMD Type
 EMI Suppression Filters Lead Type
 Microchip Transformer (Balun) SMD Type

Continued from the preceding page. ↘

Z-f characteristics



SMD Type
 Chip Ferrite Bead

SMD Type
 Chip EMIFIL®

SMD Type
 Chip Common Mode Choke Coil

SMD Type
 Block Type EMIFIL®

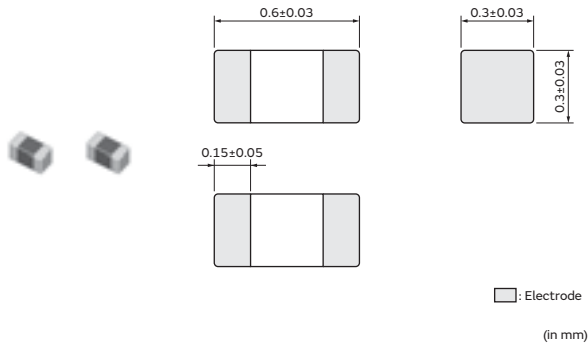
Lead Type
 EMI Suppression Filters

SMD Type
 Microchip Transformer (Balun)

Chip Ferrite Bead SMD Type

BLM03BB/BC/BD Series 0201/0603(inch/mm)

Appearance/Dimensions



Packaging

Code	Packaging	Minimum Quantity
D	ø180mm Paper Tape	15000
J	ø330mm Paper Tape	50000
B	Bulk(Bag)	1000

Equivalent Circuit



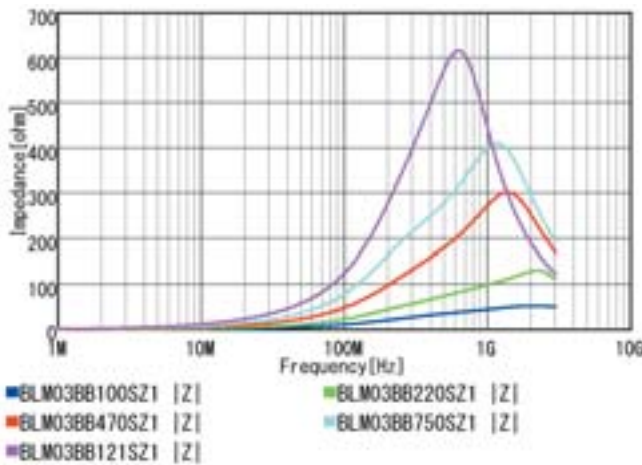
(Resistance element becomes dominant at high frequencies.)

Rated Value (□: packaging code)

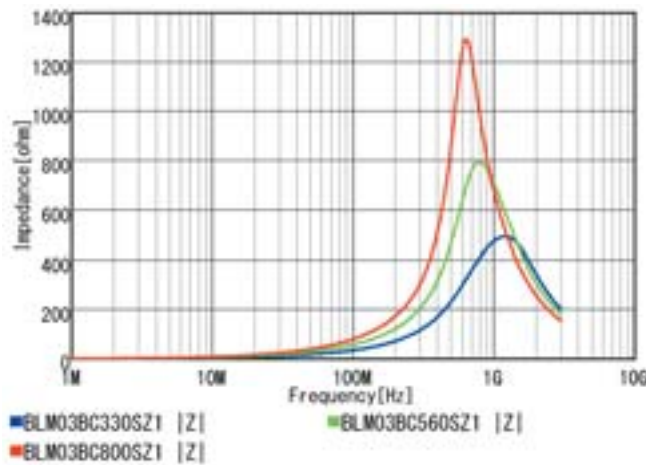
Part Number		Impedance at 100MHz	Rated Current at 85°C	Rated Current at 125°C	DC Resistance (Max.)
Infotainment	Powertrain/Safety				
BLM03BB100SZ1□	—	10Ω±25%	300mA	300mA	0.4Ω
BLM03BB220SZ1□	—	22Ω±25%	200mA	200mA	0.5Ω
BLM03BB470SZ1□	—	47Ω±25%	200mA	200mA	0.7Ω
BLM03BB750SZ1□	—	75Ω±25%	200mA	200mA	1Ω
BLM03BB121SZ1□	—	120Ω±25%	100mA	100mA	1.5Ω
BLM03BC330SZ1□	—	33Ω±25%	150mA	150mA	0.85Ω
BLM03BC560SZ1□	—	56Ω±25%	100mA	100mA	1.05Ω
BLM03BC800SZ1□	—	80Ω±25%	100mA	100mA	1.4Ω
BLM03BD750SZ1□	—	75Ω±25%	300mA	300mA	0.4Ω
BLM03BD121SZ1□	—	120Ω±25%	250mA	250mA	0.5Ω
BLM03BD241SZ1□	—	240Ω±25%	200mA	200mA	0.8Ω
BLM03BD471SZ1□	—	470Ω±25%	215mA	215mA	1.5Ω
BLM03BD601SZ1□	—	600Ω±25%	200mA	200mA	1.7Ω

Operating Temp. Range: -55°C to 125°C

Z-f characteristics: BLM03BB_SZ1 series



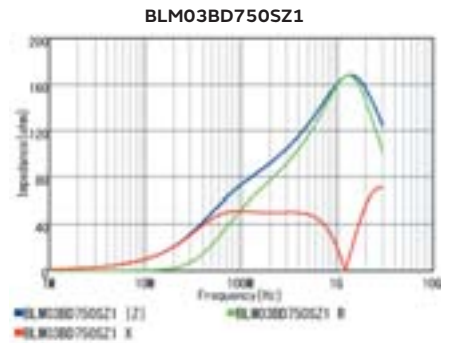
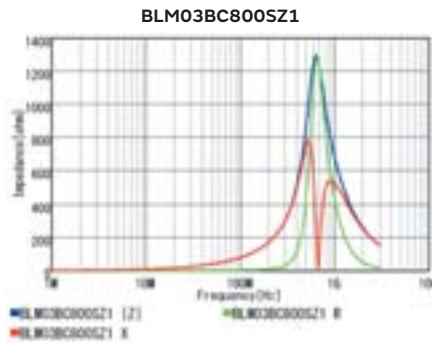
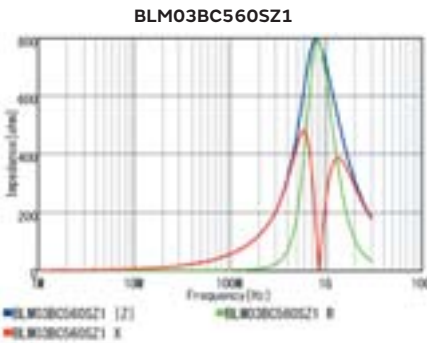
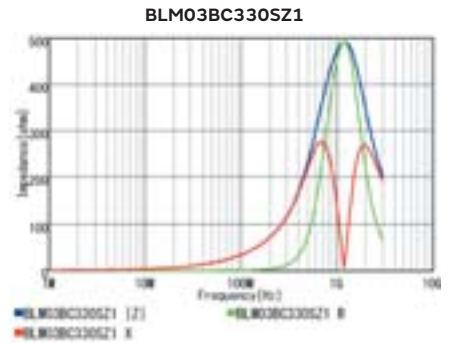
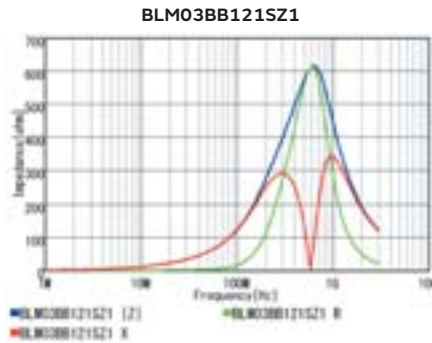
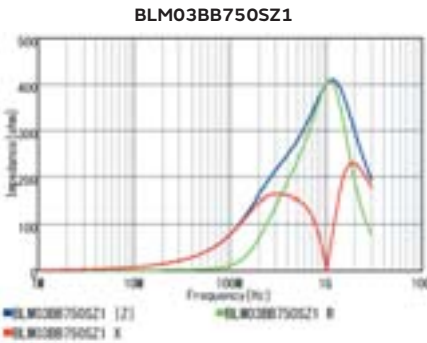
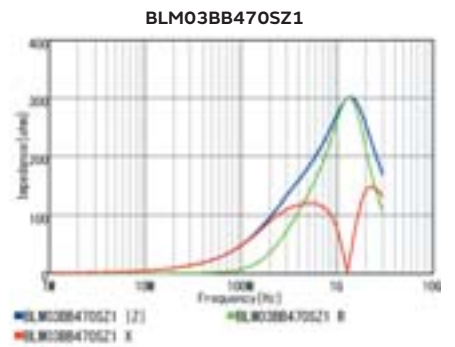
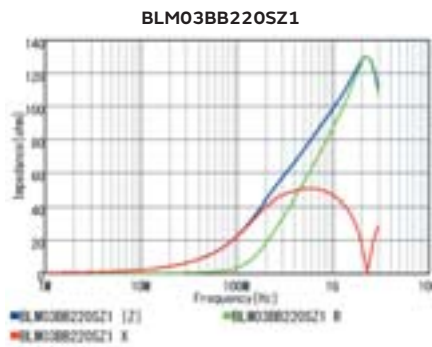
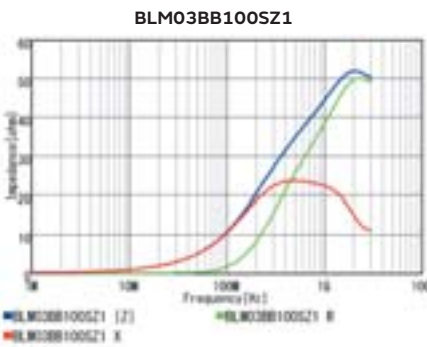
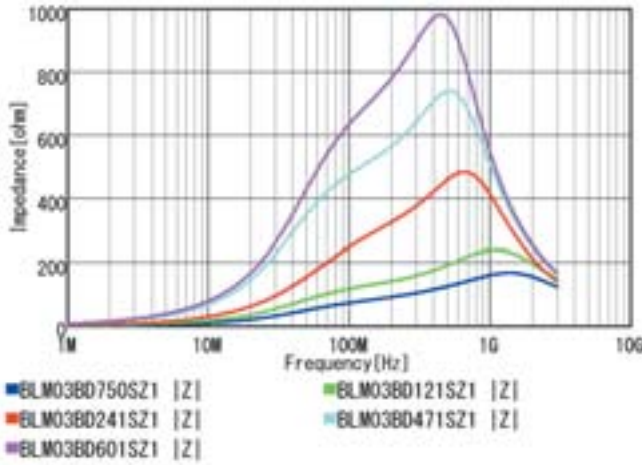
Z-f characteristics: BLM03BC_SZ1 series



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Z-f characteristics: BLM03BD_SZ1 series



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SMD Type
 Chip Ferrite Bead

SMD Type
 Chip EMIFIL®

SMD Type
 Chip Common Mode Choke Coil

SMD Type
 Block Type EMIFIL®

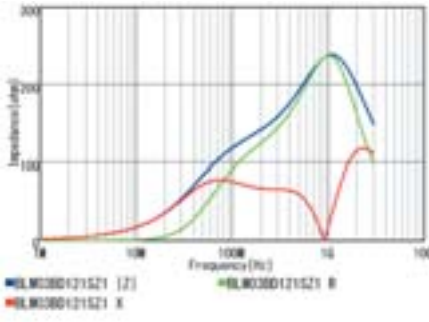
Lead Type
 EMI Suppression Filters

SMD Type
 Microchip Transformer (Balun)

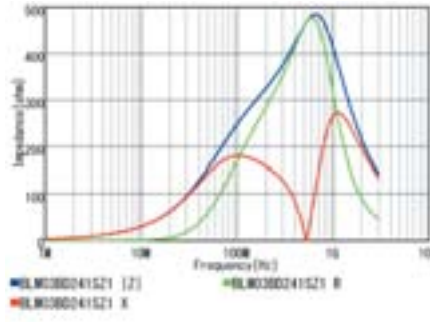
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Z-f characteristics

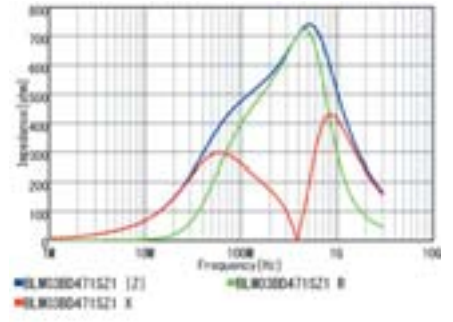
BLM03BD121SZ1



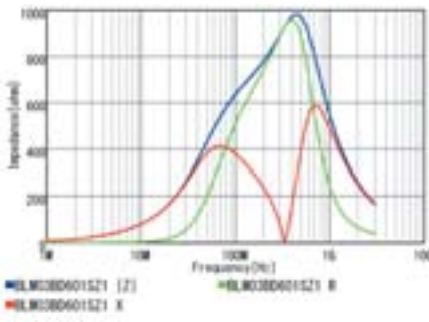
BLM03BD241SZ1



BLM03BD471SZ1



BLM03BD601SZ1



Chip Ferrite Bead
 SMD Type

Chip EMIFIL®
 SMD Type

Chip Common Mode Choke Coil
 SMD Type

Block Type EMIFIL®
 SMD Type

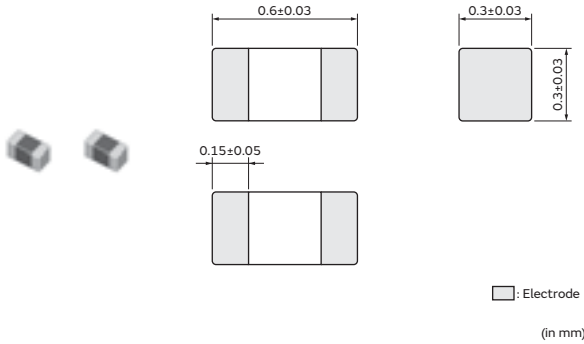
EMI Suppression Filters
 Lead Type

Microchip Transformer (Balun)
 SMD Type

Chip Ferrite Bead SMD Type

BLM03HB/HD/HG Series 0201/0603(inch/mm)

Appearance/Dimensions



Packaging

Code	Packaging	Minimum Quantity
D	ø180mm Paper Tape	15000
J	ø330mm Paper Tape	50000
B	Bulk(Bag)	1000

Equivalent Circuit



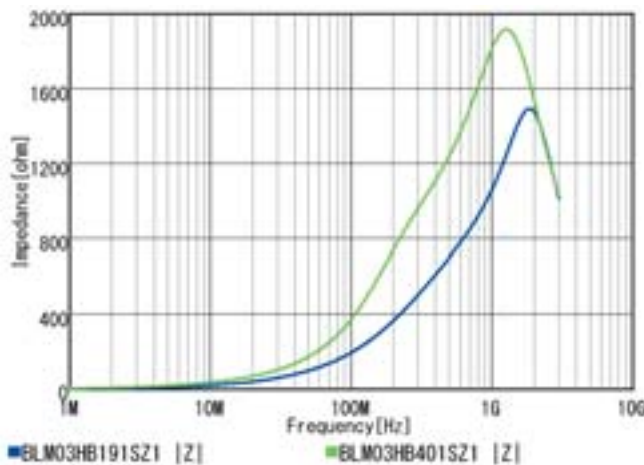
(Resistance element becomes dominant at high frequencies.)

Rated Value (□: packaging code)

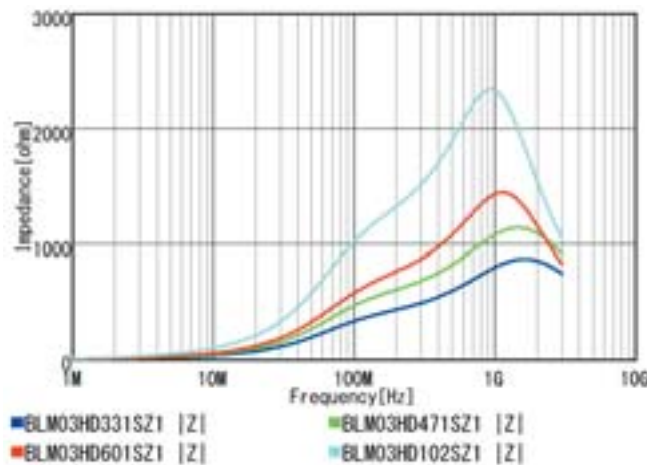
Part Number		Impedance at 100MHz	Impedance at 1GHz	Rated Current at 85°C	Rated Current at 125°C	DC Resistance (Max.)
Infotainment	Powertrain/Safety					
BLM03HB191SZ1□	—	190Ω±25%	1150Ω±40%	150mA	150mA	2Ω
BLM03HB401SZ1□	—	400Ω±25%	1850Ω±40%	125mA	125mA	2.8Ω
BLM03HD331SZ1□	—	330Ω±25%	750Ω±40%	200mA	200mA	1Ω
BLM03HD471SZ1□	—	470Ω±25%	1000Ω±40%	175mA	175mA	1.3Ω
BLM03HD601SZ1□	—	600Ω±25%	1500Ω±40%	150mA	150mA	1.7Ω
BLM03HD102FZ1□	—	1000Ω±25%	2300Ω±40%	135mA	135mA	2.4Ω
BLM03HD102SZ1□	—	1000Ω±25%	2300Ω±40%	120mA	120mA	2.9Ω
BLM03HD152FZ1□	—	1500Ω±25%	2700Ω±40%	120mA	120mA	3.1Ω
BLM03HD182FZ1□	—	1800Ω±25%	3000Ω±40%	100mA	100mA	3.8Ω
BLM03HG601SZ1□	BLM03HG601SH1□	600Ω±25%	1000Ω±40%	150mA	150mA	1.6Ω
BLM03HG102SZ1□	BLM03HG102SH1□	1000Ω±25%	1800Ω±40%	125mA	125mA	2.6Ω
BLM03HG122SZ1□	BLM03HG122SH1□	1200Ω±25%	2000Ω±40%	100mA	100mA	3.5Ω

Operating Temp. Range: -55°C to 125°C

Z-f characteristics: BLM03HB_SZ1 series



Z-f characteristics: BLM03HD_SZ1 series



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