

The BLM□□B Series ferrite beads have been developed to pass signal frequencies from 10MHz to 100MHz while exhibiting high impedance characteristics to reduce EMI noise above these specific frequencies.

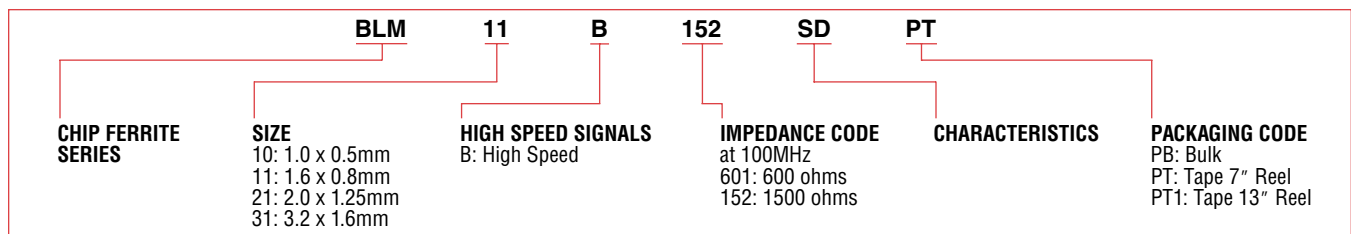
FEATURES

- Designed to reduce noise above operating frequencies from 10 to 100MHz
- High impedance characteristics
- Small size
- Suitable for flow and reflow soldering

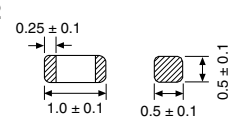
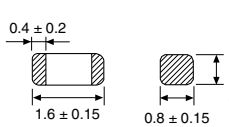
APPLICATIONS

- Computers and peripheral equipment
- Consumer products
- High speed circuits
- Suitable for circuits with unstable ground

PART NUMBERING SYSTEM

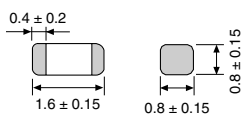
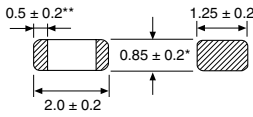
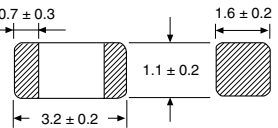


SPECIFICATIONS

Dimensions: mm	Part Number	Impedance (Ohms) Typ. at 100MHz	Rated Current (mA)	DCR (Ohms max.)	Operating Temperature Range
0402 	★BLM10B750SB	75	100	0.8	-55 ~ +125°C
	★BLM10B121SB	120	50	1.1	
	★BLM10B221SB	220		1.4	
	★BLM10B421SD	420		1.3	
	★BLM10B601SD	600		1.5	
	★BLM10B102SD	1000		1.4	
0603 	★BLM11B050SB	5		700	
	★BLM11B050SA	5	500	0.20	
	★BLM11B100SB	10		0.15	
	★BLM11B100SA	10		0.25	
	★BLM11B220SB	22		0.25	
	★BLM11B220SA	22		0.35	
	★BLM11B470SB	47		0.3	
	★BLM11B470SA	47	300	0.55	
	★BLM11B600SB	60	200	0.35	
	★BLM11B750S	75	300	0.35	
	★BLM11B750SA	75		0.70	
	★BLM11B121SB	120	200	0.5	
	★BLM11B121SA	120		0.90	
	★BLM11B121SD	120		0.4	
	★BLM11B141S	140		0.55	
	★BLM11B151SB	150		0.55	
	★BLM11B151SD	150		0.4	
	★BLM11B221SB	220		0.65	
	★BLM11B221SD	220		0.45	
	★BLM11B331SB	330		0.75	
	★BLM11B331SD	330		0.5	
	★BLM11B421S	420		0.55	
	★BLM11B471SB	470		50	1.0
	★BLM11B471SD	470	200	0.55	
★BLM11B601S	600	0.65			

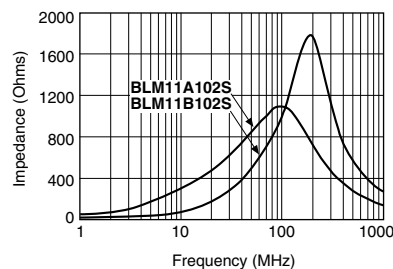
* Available as standard through authorized Murata Electronics Distributors.

SPECIFICATIONS

Dimensions: mm	Part Number	Impedance (Ohms) Typ. @ 100MHz	Rated Current (mA)	DCR (Ohms max.)	Operating Temperature Range
	★BLM11B102S	1000	100	0.85	-55 ~ +125°C
	★BLM11B152SD	1500	50	1.2	
	★BLM11B182S	1800		1.5	
	★BLM11B222SD	2200		1.5	
	★BLM11B252SD	2500		1.5	
 <p>*1.25 ± 0.3 on BLM21B222S/272S **0.3 ± 0.2 on BLM21B272S</p>	★BLM21B050S	5		500	
	★BLM21B600SB	60	200	0.20	
	★BLM21B750S	75		0.25	
	★BLM21B121SB	120		0.25	
	★BLM21B121SD	120		0.25	
	★BLM21B151SB	150		0.25	
	★BLM21B151SD	150		0.25	
	★BLM21B201S	200		0.35	
	★BLM21B221SB	220		0.35	
	★BLM21B221SD	220		0.25	
	★BLM21B331SB	330		0.40	
	★BLM21B331SD	330		0.30	
	★BLM21B421S	420		0.30	
	★BLM21B471SB	470		0.45	
	★BLM21B471SD	470		0.35	
	★BLM21B601S	600		0.35	
	★BLM21B751SD	750		0.40	
	★BLM21B102S	1000		0.40	
	★BLM21B152SD	1500		0.45	
	★BLM21B182SD	1800		0.50	
★BLM21B222SD	2200	0.60			
★BLM21B222S	2200	0.60			
★BLM21B272S	2700	0.80			
	★BLM31B601FI	600	300	0.35	

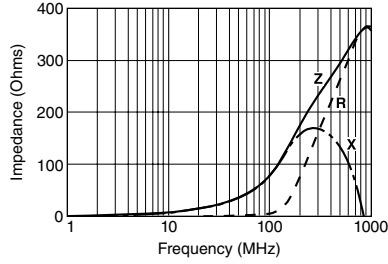
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COMPARISON BLM11A SERIES vs. BLM11B SERIES

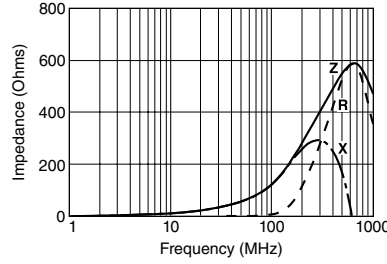


TYPICAL IMPEDANCE CHARACTERISTICS

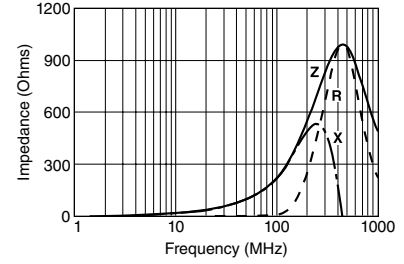
BLM10B750SB



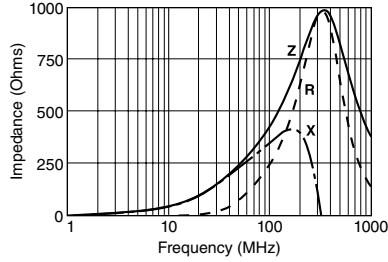
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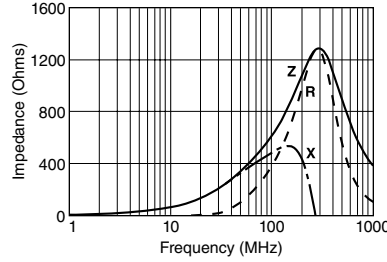
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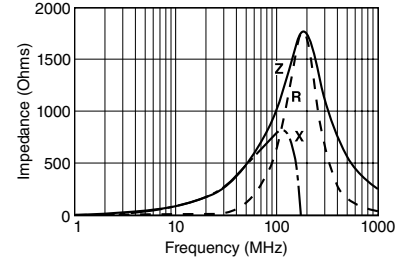
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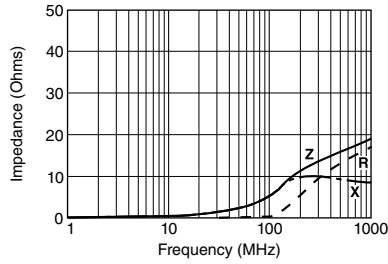
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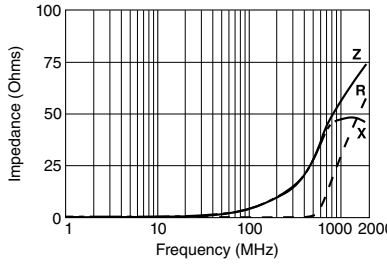
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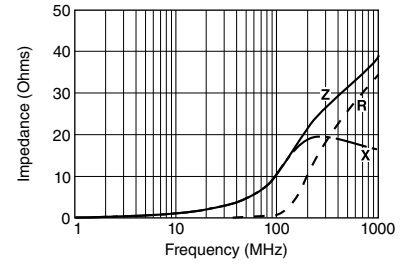
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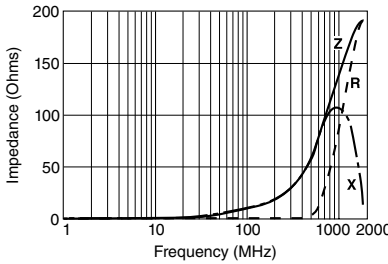
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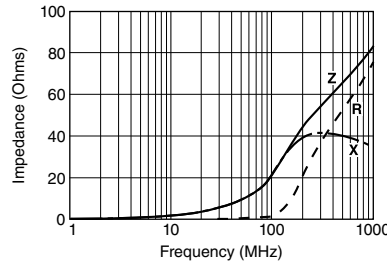
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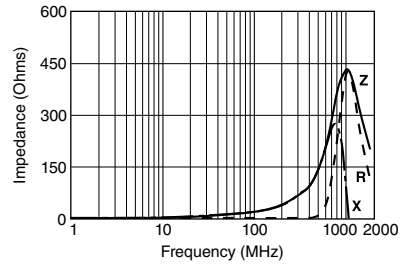
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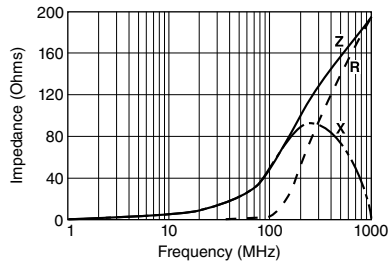
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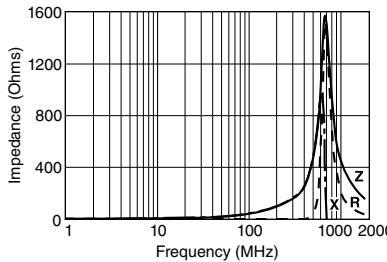
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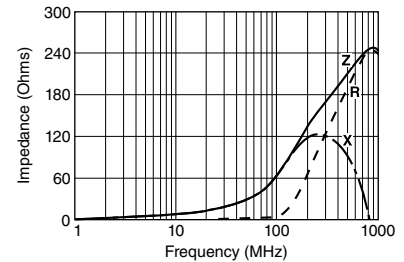
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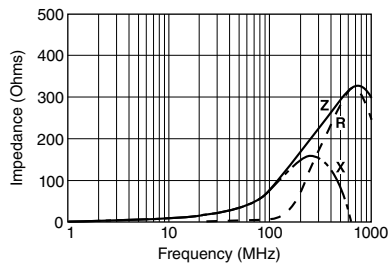
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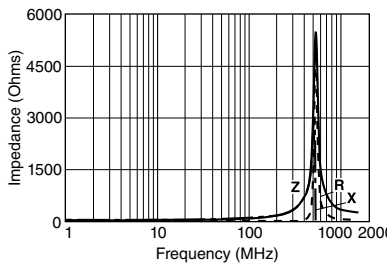
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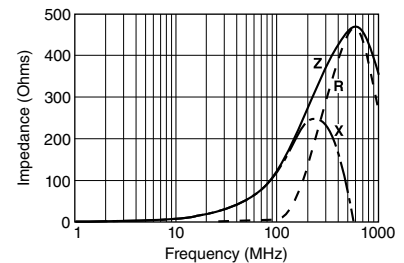
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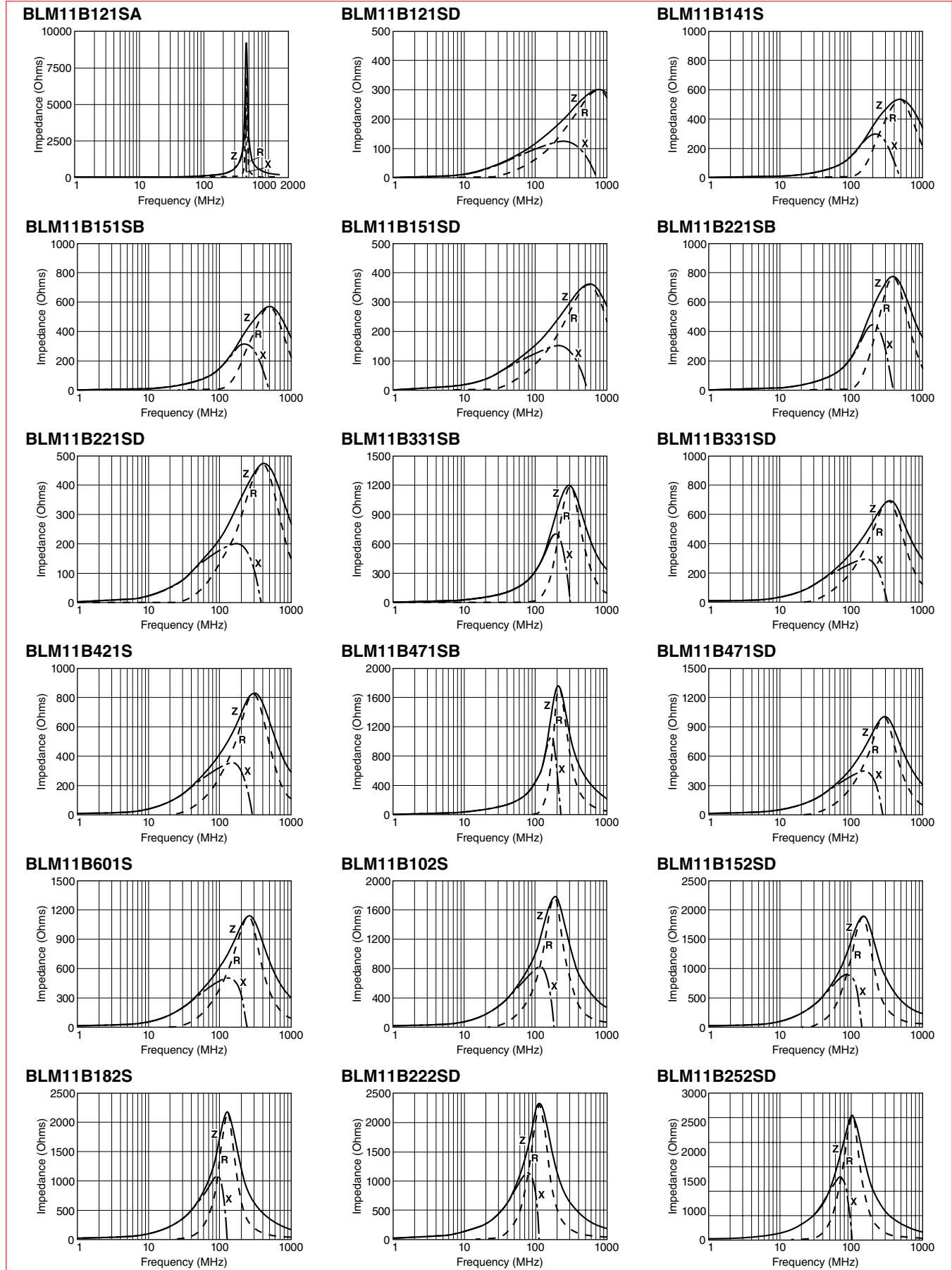
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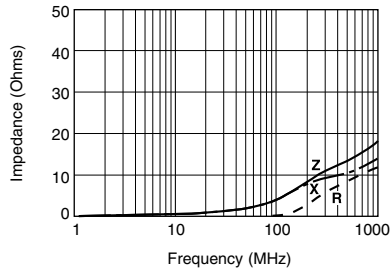


TYPICAL IMPEDANCE CHARACTERISTICS

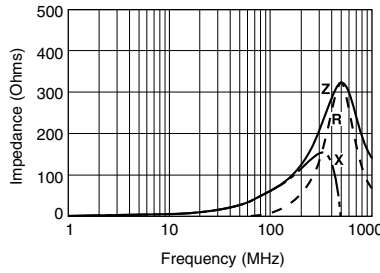


TYPICAL IMPEDANCE CHARACTERISTICS

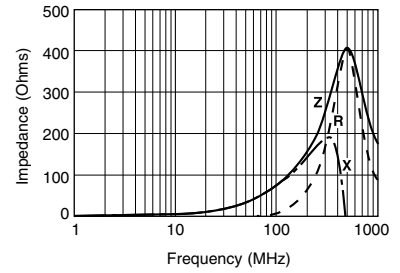
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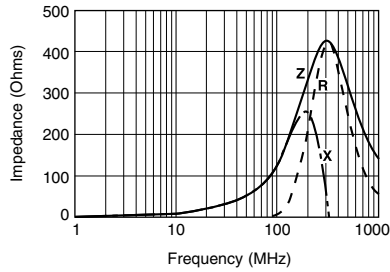
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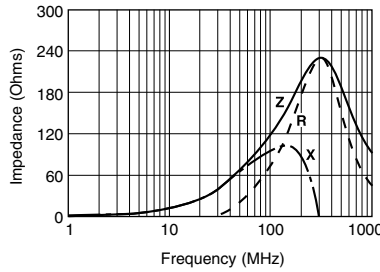
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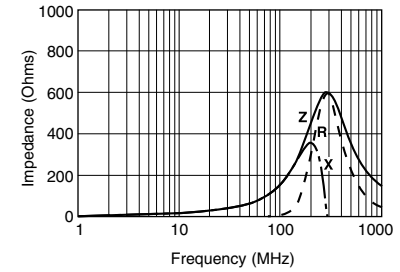
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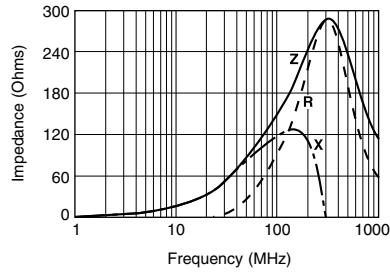
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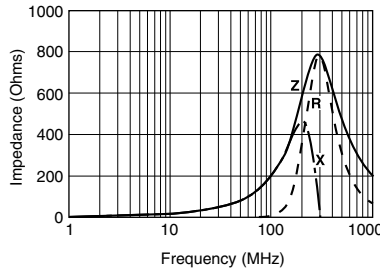
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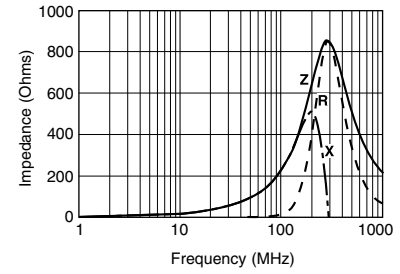
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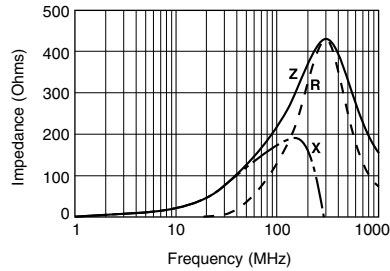
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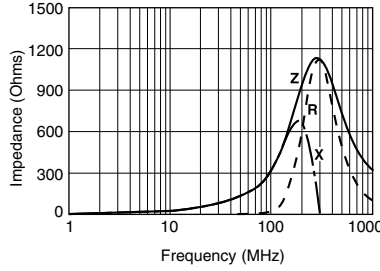
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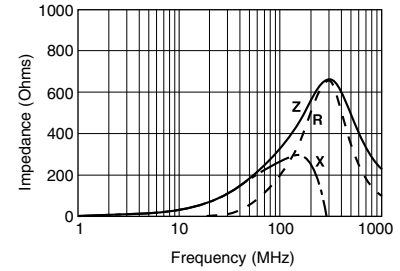
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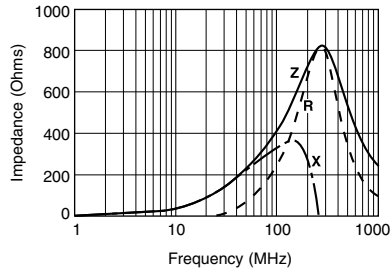


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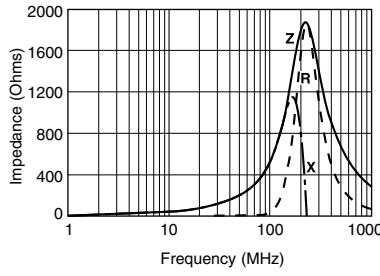


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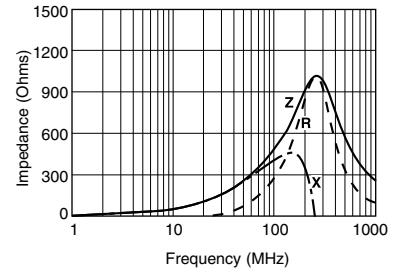
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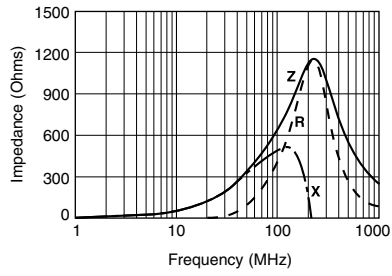
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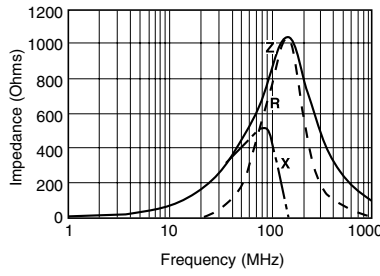
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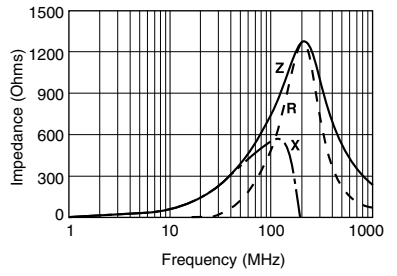
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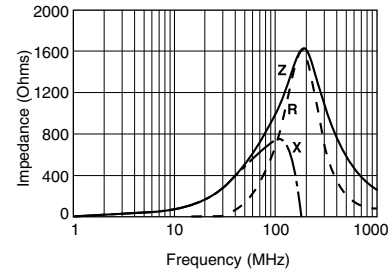
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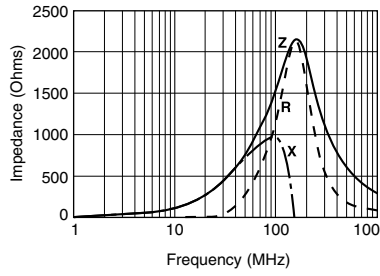
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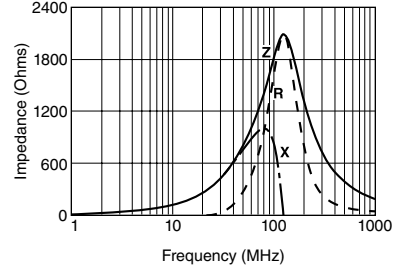
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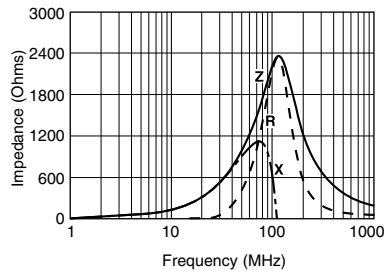
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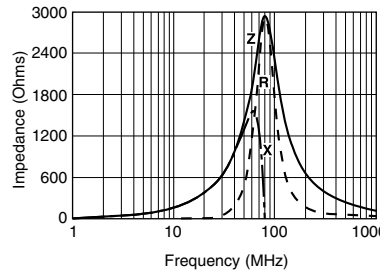
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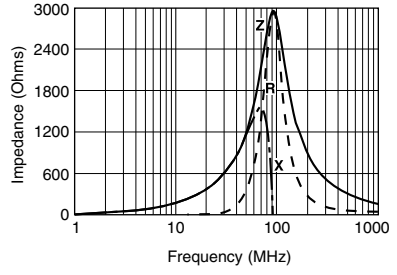
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BLM21B222S



BLM21B272S



BLM31B601FI

