

■ FEATURES

•Minimizes Attenuation

B-series chip beads can effectively minimize attenuation due to their sharp impedance characteristics.

•Minimizes Crosstalk

B-series chip beads effectively minimize crosstalk due to its magnetically shielded structure.

•Effective EMI Protection

B-series chip beads have a monolithic inorganic material construction that minimizes the effect of electromagnetic interference.

•Multiple Size Availability

B-series chip beads are available in three compact sizes: 060303, 100505, 160808, 201209.

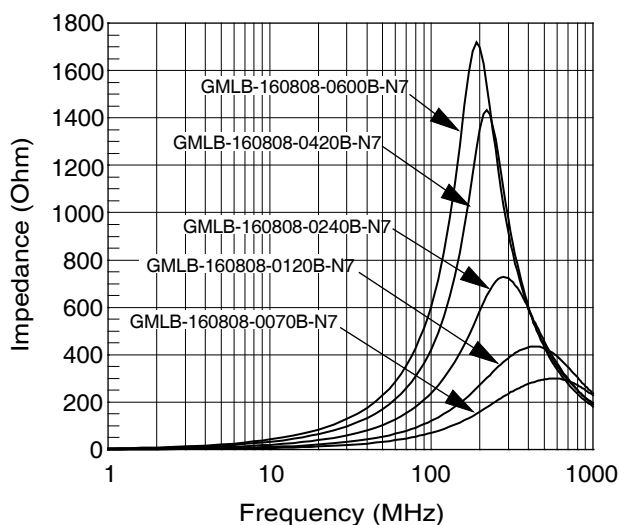
■ APPLICATIONS

B-series chip beads can be used in a variety of electronics including:

- Computers
- Computer Peripherals
- Pagers
- Cellular Equipment
- Wireless Communication Devices
- Digital Televisions
- Digital Cameras
- Audio/Visual Equipment

■ TYPICAL ELECTRICAL CHARACTERISTIC CURVES

Typical electrical characteristic curves for the GMLB B-series chip beads. The B-series has a sharp high frequency characteristic that is effective in high-speed applications.



■ PRODUCT SPECIFICATIONS

060303 (0201) SIZES

Part Number	Impedance (Ω) at 100 MHz	R _{DC} (Ω) Max.	I _{DC} (mA) Max.	Operating Temp. Range(°C)
GMLB-060303-0010B-N7	10 \pm 5 Ω	0.25	200	-55~+125
GMLB-060303-0047B-N7	47 \pm 25%	0.70	200	
GMLB-060303-0075B-N7	75 \pm 25%	1.00	200	
GMLB-060303-0120B-N7	120 \pm 25%	1.50	100	

100505 (0402)-SIZES

Part Number	Impedance (Ω) at 100 MHz	R _{DC} (Ω) Max.	I _{DC} (mA) Max.	Operating Temp. Range(°C)
GMLB-100505-0022B-N7	22 \pm 25%	0.20	300	-55~+125
GMLB-100505-0047B-N7	47 \pm 25%	0.35		
GMLB-100505-0075B-N7	75 \pm 25%	0.40		
GMLB-100505-0120B-N7	120 \pm 25%	0.4		
GMLB-100505-0220B-N7	220 \pm 25%	0.6		
GMLB-100505-0300B-N7	300 \pm 25%	0.8		

160808 (0603)-SIZES

Part Number	Impedance (Ω) at 100 MHz	R _{DC} (Ω) Max.	I _{DC} (mA) Max.	Operating Temp. Range(°C)		
GMLB-160808-0030B-N7	30 \pm 25%	0.30	250	-55~+125		
GMLB-160808-0070B-N7	70 \pm 25%		0.40		200	
GMLB-160808-0120B-N7	120 \pm 25%	0.50				100
GMLB-160808-0240B-N7	240 \pm 25%					0.60
GMLB-160808-0300B-N7	300 \pm 25%	0.60	100			
GMLB-160808-0420B-N7	420 \pm 25%		0.60		200	
GMLB-160808-0600B-N7	600 \pm 25%					

GMLB B-SERIES

Ferrite Chip Beads For High Speed Applications

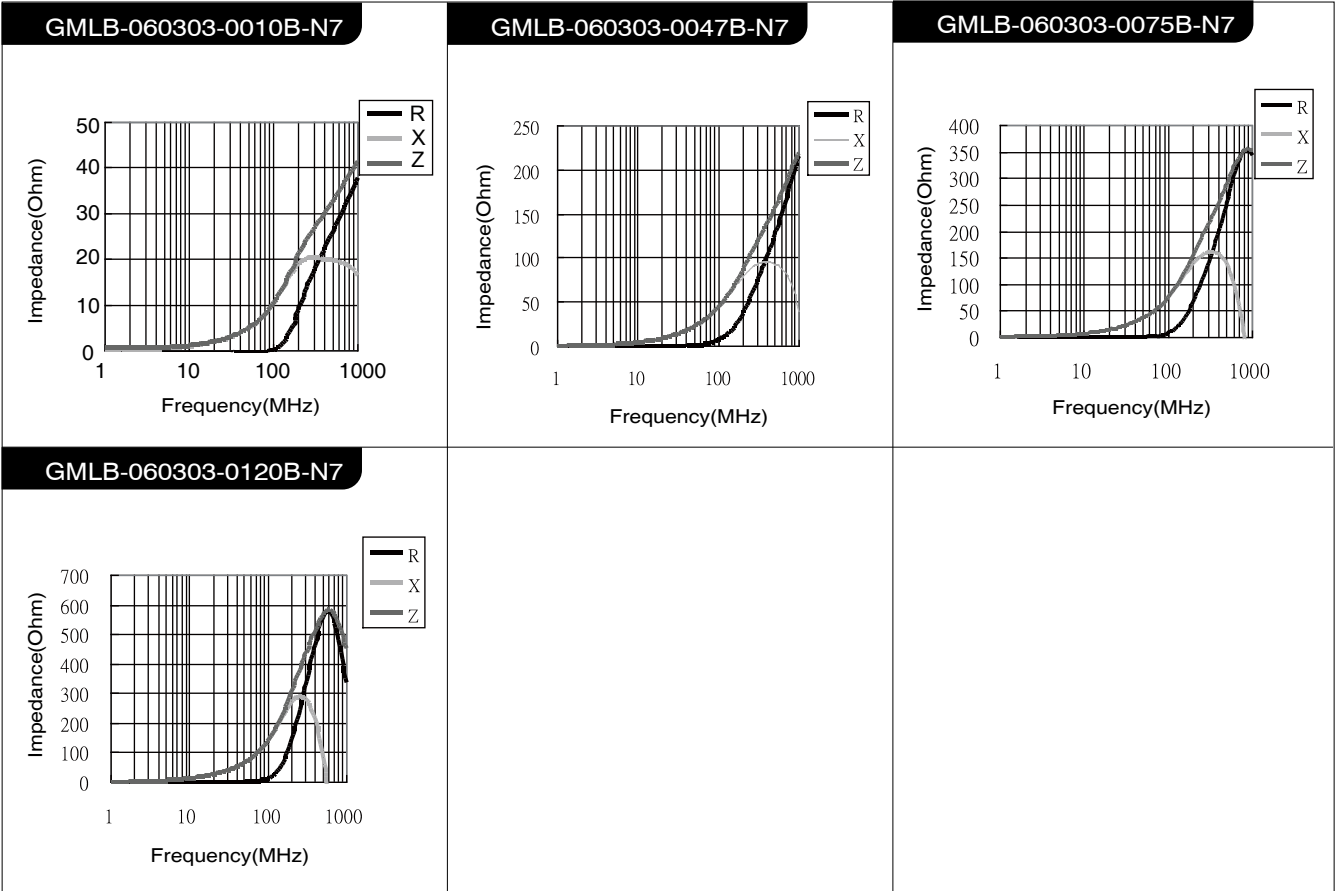
CUTTING-EDGE TECHNOLOGIES OF RF SOLUTIONS

Multilayer Chip Beads

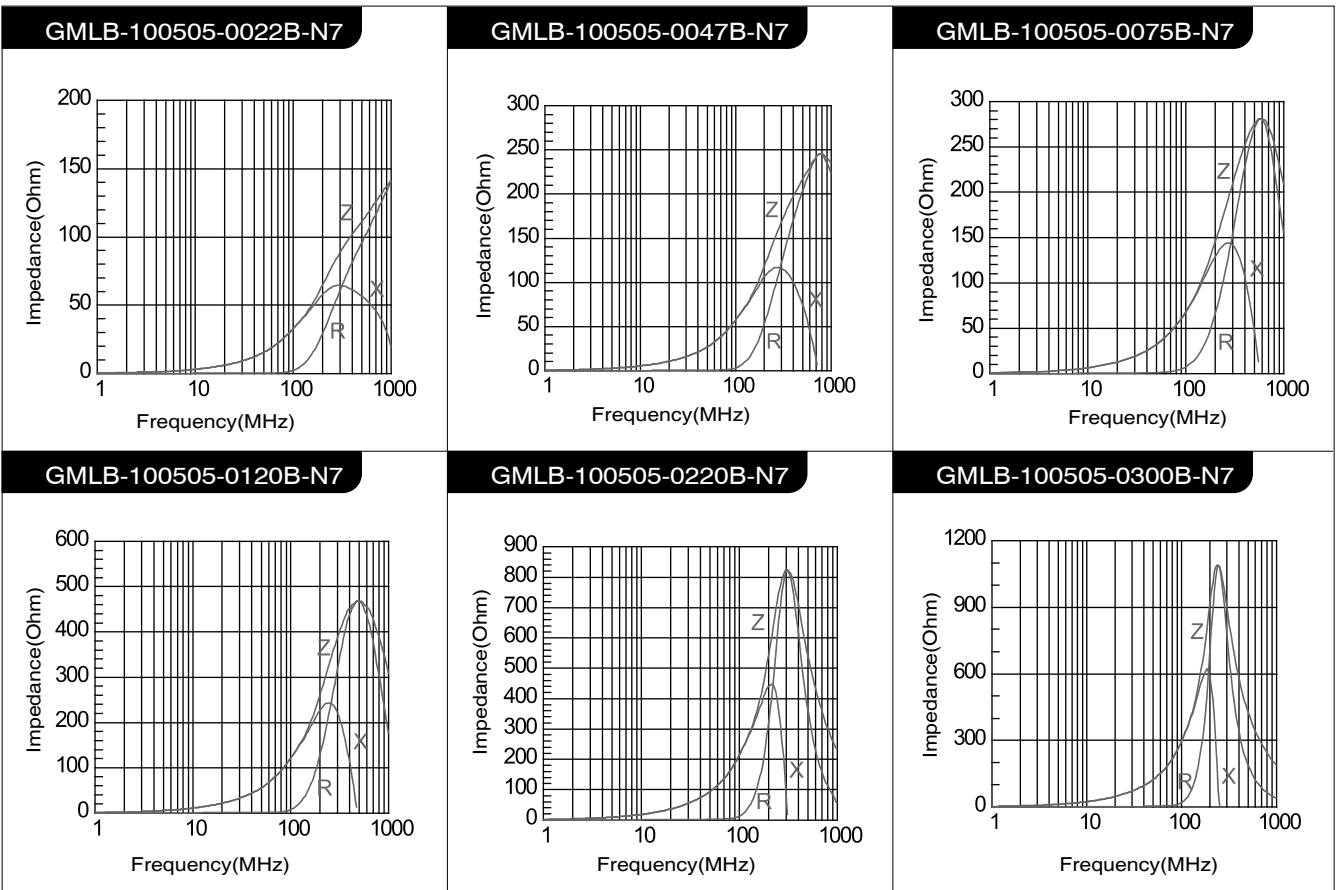
201209 (0805)-SIZES

Part Number	Impedance (Ω) at 100 MHz	R _{DC} (Ω) Max.	I _{DC} (mA) Max.	Operating Temp. Range(°C)
GMLB-201209-0007B-N7	7 ± 5%	0.10	300	-55~+125
GMLB-201209-0030B-N7	30 ± 25%	0.20		
GMLB-201209-0070B-N7	70 ± 25%			
GMLB-201209-0100B-N7	100 ± 25%	0.40		
GMLB-201209-0120B-N7	120 ± 25%		200	
GMLB-201209-0200B-N7	200 ± 25%			
GMLB-201209-0300B-N7	300 ± 25%	0.50		
GMLB-201209-0450B-N7	450 ± 25%			
GMLB-201209-0600B-N7	600 ± 25%	0.60		
GMLB-201209-0750B-N7	750 ± 25%	0.70		
GMLB-201209-1000B-N7	1000 ± 25%	0.80		

TYPICAL ELECTRICAL CHARACTERISTIC CURVES
SIZE: 060303



SIZE: 100505



GMLB B-SERIES

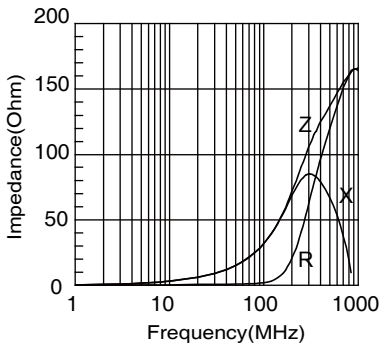
Ferrite Chip Beads For High Speed Applications

CUTTING-EDGE TECHNOLOGIES OF RF SOLUTIONS

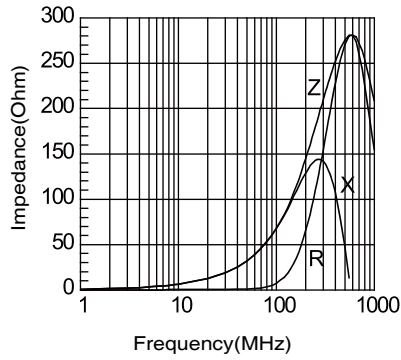
Multilayer Chip Beads

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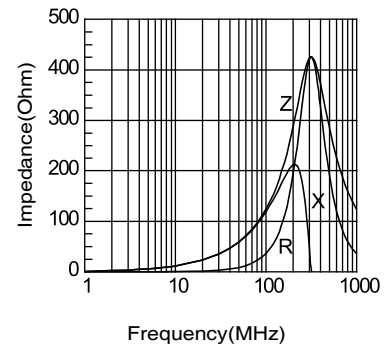
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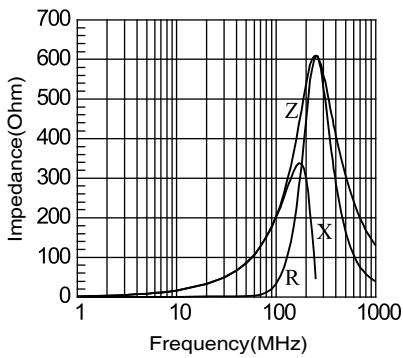
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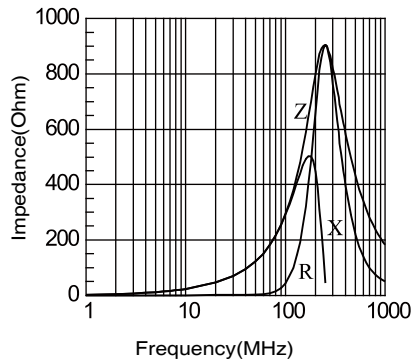
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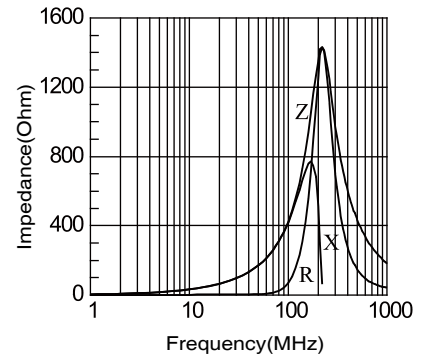
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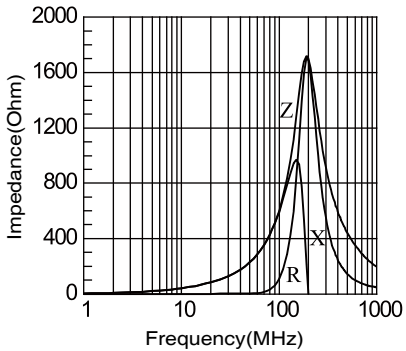
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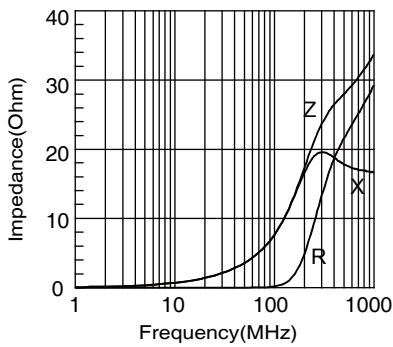


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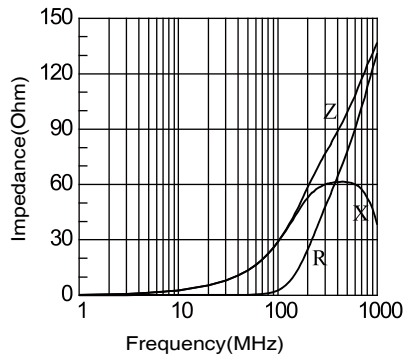


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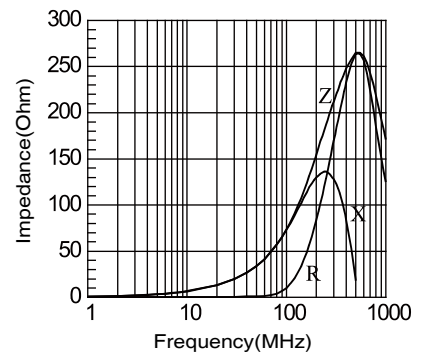
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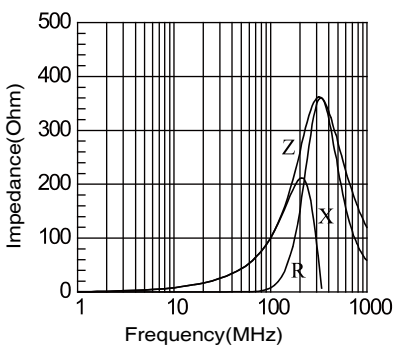
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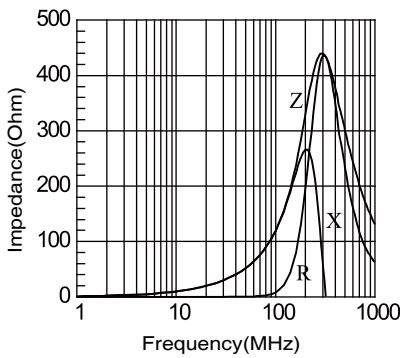
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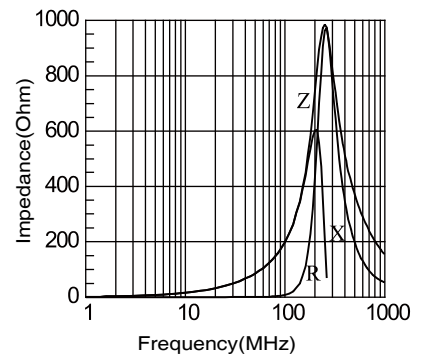
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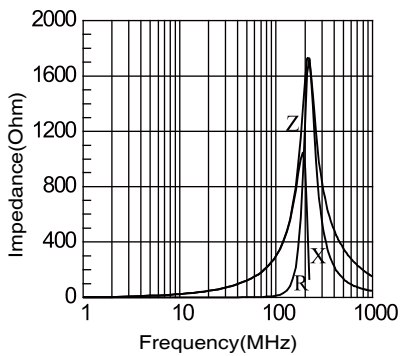
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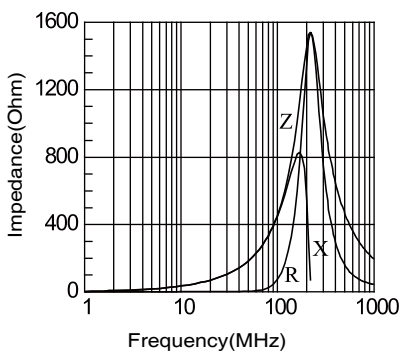
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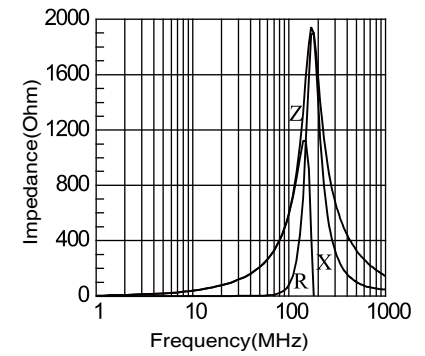
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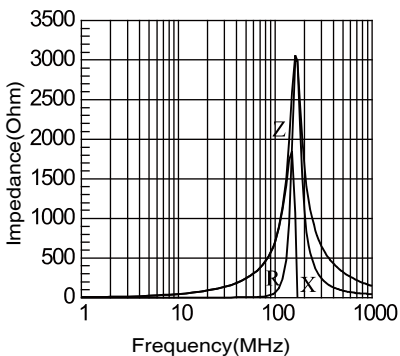
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GMLB-201209-1000B-N7

