

■ FEATURES

• Effective EMI Protection

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

• Wide Frequency Characteristics

A-series chip beads can generate impedances over a wide range of frequencies.

• High Soldering Heat Resistance

A-series chip beads have high quality termination that allows the applications of both flow and reflow soldering methods.

• Multiple Size Availability

A-series chip beads are available in eight compact sizes: 060303, 100505, 160808, 201209, 321611

■ APPLICATIONS

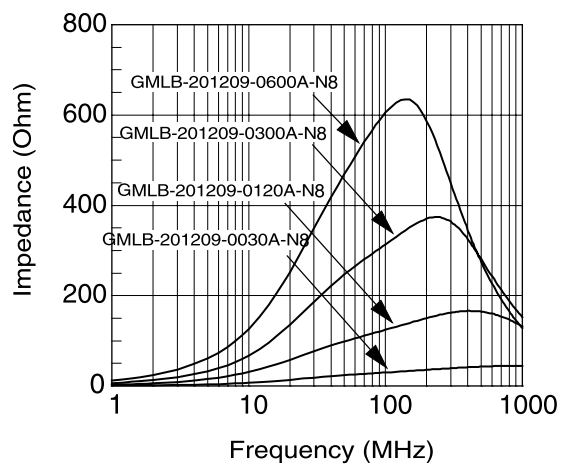
A-series chip beads can be used in a variety of electronics including:

- Computers
- Motherboards
- Printers
- Modems
- Hard Drives
- CD-ROMs
- Audio Equipment
- Digital Televisions

■ TYPICAL ELECTRICAL CHARACTERISTIC CURVES

Typical electrical characteristic curves for GMLB A-series chip beads.

The A-series covers a wide frequency range and has wide impedance characteristics.



■ PRODUCT SPECIFICATION

060303 (0201) SIZES

Part Number	Impedance (Ω) at 100 MHz	R _{DC} (Ω) Max.	I _{DC} (mA) Max.	Operating Temp. Range(°C)
GMLB-060303-0080A-N8	80 ± 25%	0.4	300	-55 ~ +125
GMLB-060303-0120A-N8	120 ± 25%	0.5	200	
GMLB-060303-0240A-N8	240 ± 25%	0.8	250	
GMLB-060303-0300A-N8	300 ± 25%	1.0	100	

100505 (0402) SIZES

Part Number	Impedance (Ω) at 100 MHz	R _{DC} (Ω) Max.	I _{DC} (mA) Max.	Operating Temp. Range(°C)
GMLB-100505-0030A-N8	30 ± 25%	0.15	500	-55 ~ +125
GMLB-100505-0070A-N8	70 ± 25%	0.3		
GMLB-100505-0120A-N8	120 ± 25%	0.25	300	
GMLB-100505-0220A-N8	220 ± 25%	0.35		
GMLB-100505-0300A-N8	300 ± 25%	0.45		
GMLB-100505-0470A-N8	470 ± 25%	0.55	200	
GMLB-100505-0600A-N8	600 ± 25%	0.65		
GMLB-100505-1000A-N8	1000 ± 25%	1.00	150	

160808 (0603)-SIZES

Part Number	Impedance (Ω) at 100 MHz	R _{DC} (Ω) Max.	I _{DC} (mA) Max.	Operating Temp. Range(°C)
GMLB-160808-0030A-N8	30 ± 25%	0.20	400	-55 ~ +125
GMLB-160808-0040A-N8	40 ± 25%			
GMLB-160808-0060A-N8	60 ± 25%	0.40	300	
GMLB-160808-0080A-N8	80 ± 25%			
GMLB-160808-0100A-N8	100 ± 25%			
GMLB-160808-0120A-N8	120 ± 25%	0.50	200	
GMLB-160808-0180A-N8	180 ± 25%			
GMLB-160808-0220A-N8	220 ± 25%			
GMLB-160808-0240A-N8	240 ± 25%			
GMLB-160808-0300A-N8	300 ± 25%	0.70	150	
GMLB-160808-0450A-N8	450 ± 25%			
GMLB-160808-0600A-N8	600 ± 25%			
GMLB-160808-1000A-N8	1000 ± 25%	1.00	100	
GMLB-160808-1200A-N8	1200 ± 25%			
GMLB-160808-1500A-N8	1500 ± 25%			

GMLB A-SERIES

Ferrite Chip Beads For General Applications

201209 (0805)-SIZES

Part Number	Impedance (Ω) at 100 MHz	R _{DC} (Ω) Max.	I _{DC} (mA) Max.	Operating Temp. Range(°C)
GMLB-201209-0010A-N8	10 ± 25%	0.10	600	-55 ~ +125
GMLB-201209-0017A-N8	17 ± 25%		500	
GMLB-201209-0030A-N8	30 ± 25%		400	
GMLB-201209-0080A-N4	80 ± 25%	0.30	300	
GMLB-201209-0120A-N8	120 ± 25%		250	
GMLB-201209-0120A-N4	120 ± 25%		200	
GMLB-201209-0150A-N8	150 ± 25%	0.50	100	
GMLB-201209-0220A-N4	220 ± 25%		100	
GMLB-201209-0300A-N8	300 ± 25%		100	
GMLB-201209-0400A-N8	400 ± 25%	0.60	200	
GMLB-201209-0600A-N8	600 ± 25%		100	
GMLB-201209-0600A-N4	600 ± 25%	0.80	100	
GMLB-201209-1000A-N4	1000 ± 25%		100	
GMLB-201209-1200A-N4	1200 ± 25%		100	
GMLB-201209-1500A-N4	1500 ± 25%	1.00	100	
GMLB-201209-2000A-N4	2000 ± 25%		100	
GMLB-201209-2700A-N4	2700 ± 25%	1.50	100	

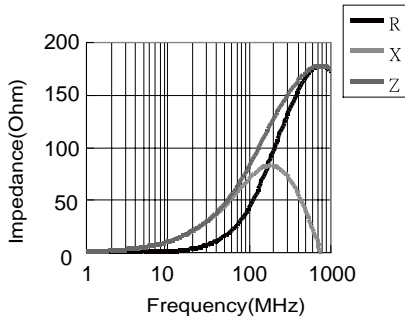
321611 (1206)-SIZES

Part Number	Impedance (Ω) at 100 MHz *50MHz **30MHz	R _{DC} (Ω) Max.	I _{DC} (mA) Max.	Operating Temp. Range(°C)
GMLB-321611-0026A-N8	26 ± 25%	0.20	600	-55 ~ +125
GMLB-321611-0031A-N8	31 ± 25%			
GMLB-321611-0050A-N8	50 ± 25%			
GMLB-321611-0070A-N8	70 ± 25%	0.30	500	
GMLB-321611-0090A-N8	90 ± 25%			
GMLB-321611-0120A-N4	120 ± 25%			
GMLB-321611-0150A-N4	150 ± 25%	0.40	400	
GMLB-321611-0220A-N4	220 ± 25%			
GMLB-321611-0400A-N4	400 ± 25%			
GMLB-321611-0500A-N8	500 ± 25%	0.50	300	
GMLB-321611-0600A-N8	600 ± 25%			
GMLB-321611-1200A-N8	*1200 ± 25%			
GMLB-321611-1500A-N8	*1500 ± 25%	1.00	200	
GMLB-321611-2000A-N8	**2000 ± 25%	1.50	150	

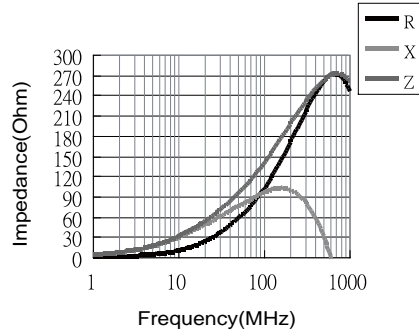
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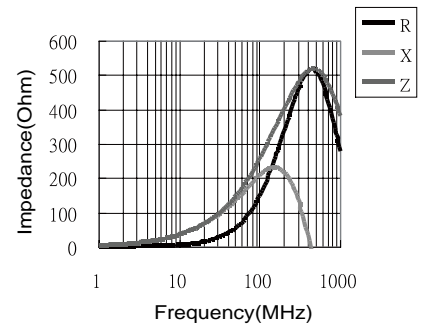
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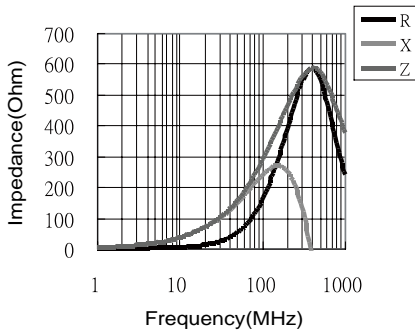
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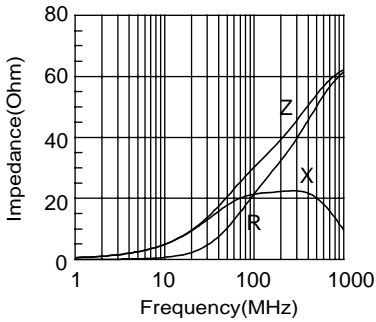


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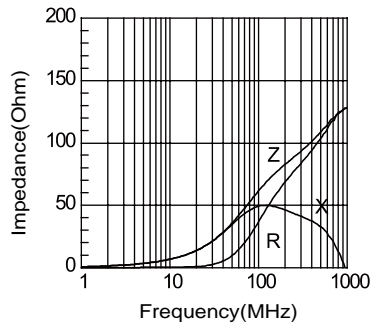


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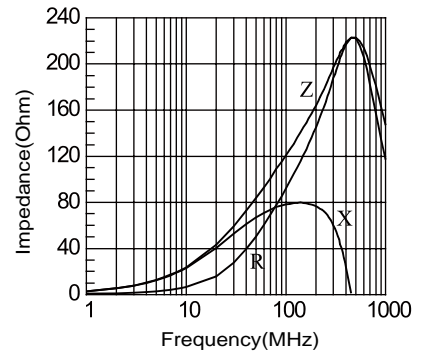
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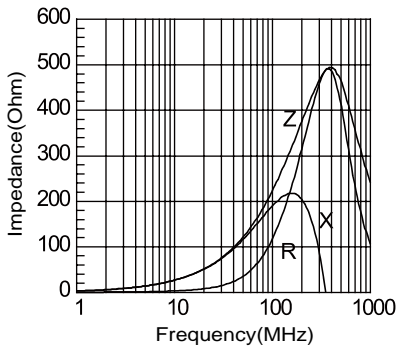
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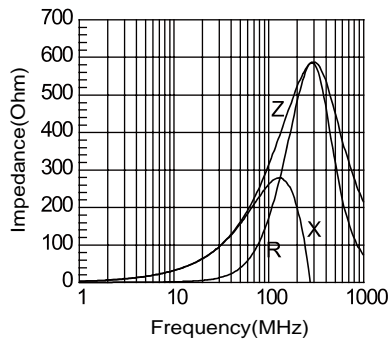
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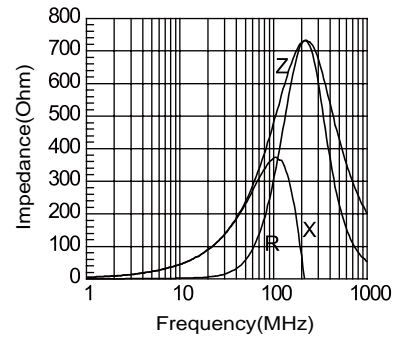
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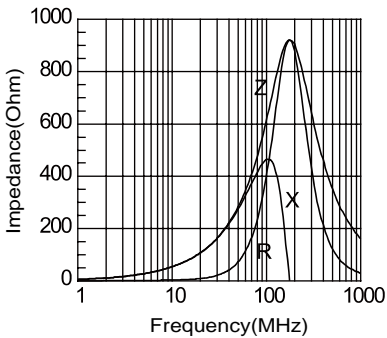
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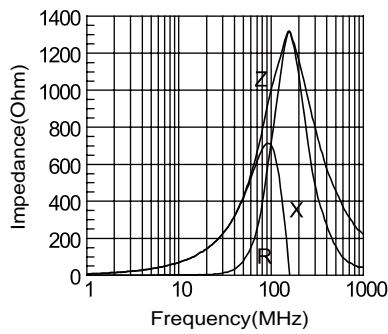
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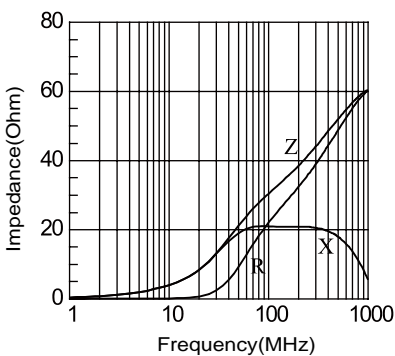


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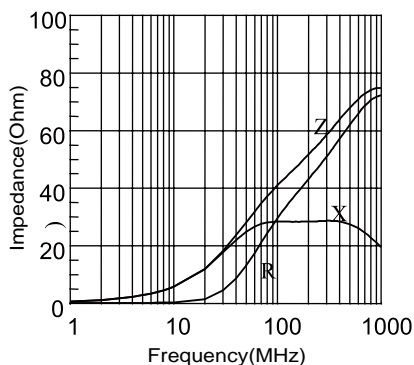


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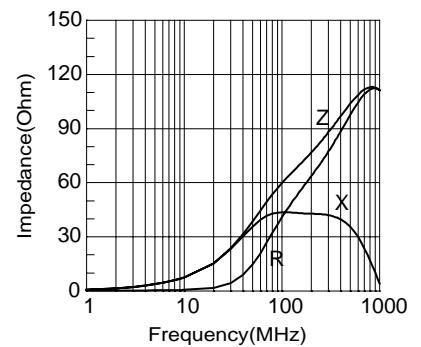
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GMLB A-SERIES

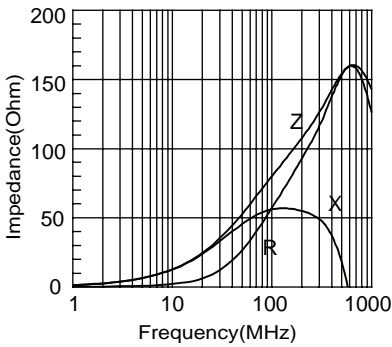
Ferrite Chip Beads For General Applications

CUTTING-EDGE TECHNOLOGIES OF RF SOLUTIONS

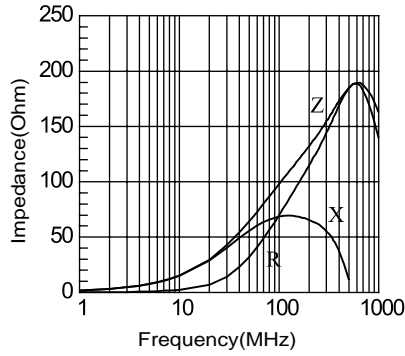
Multilayer Chip Beads

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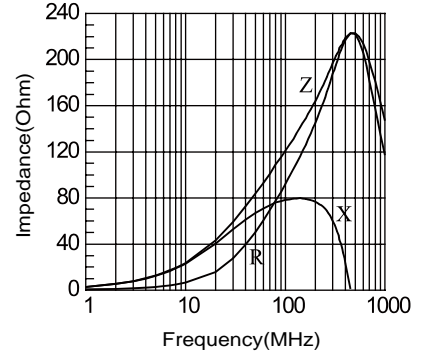
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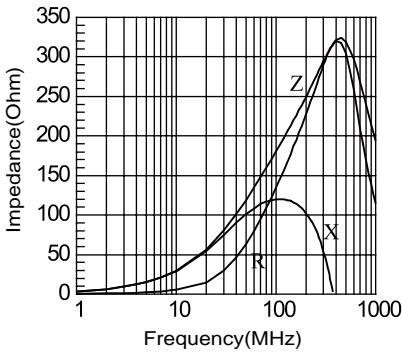
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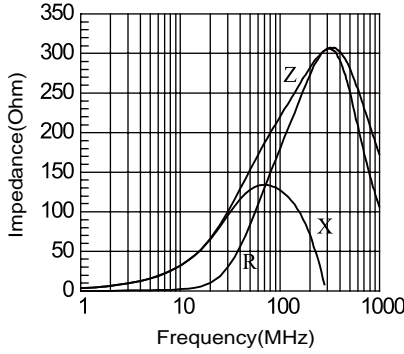
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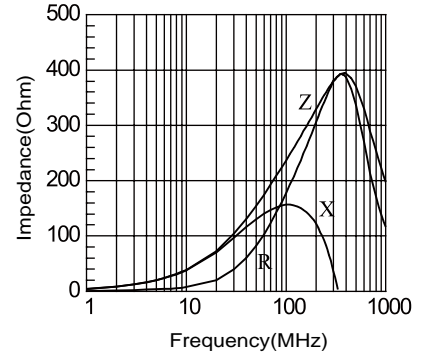
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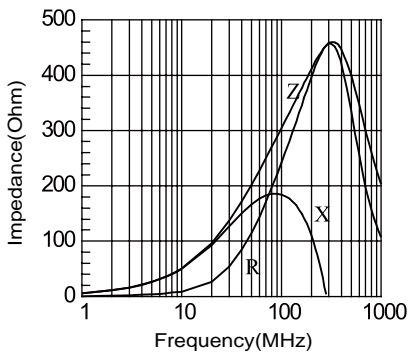
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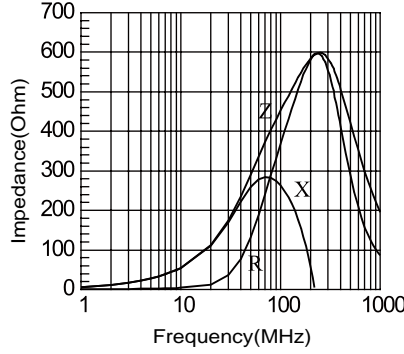
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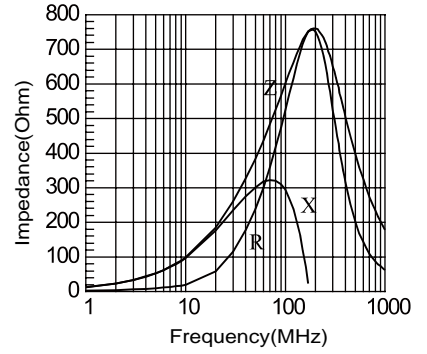
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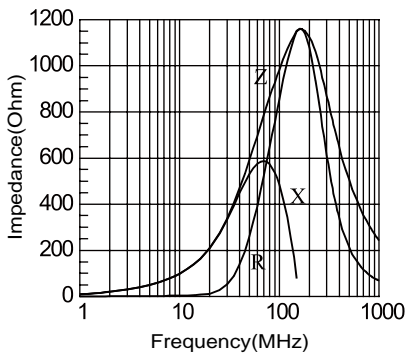
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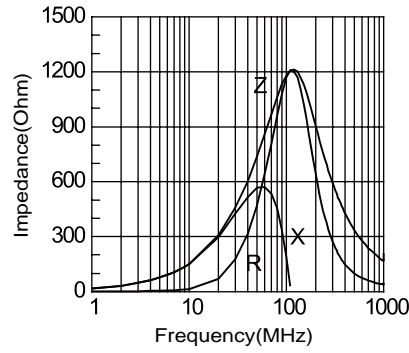
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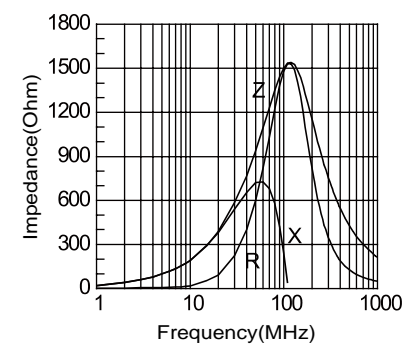
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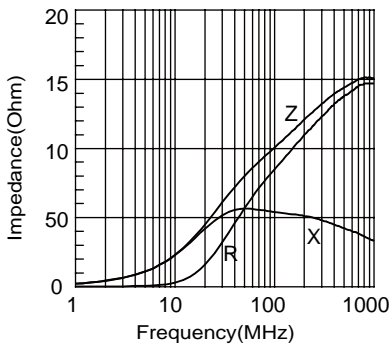


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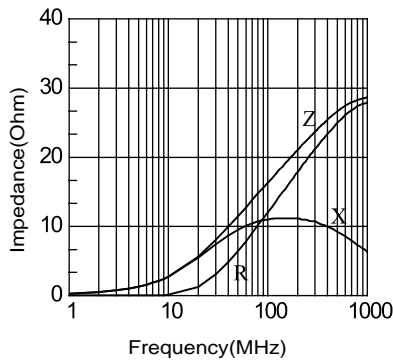


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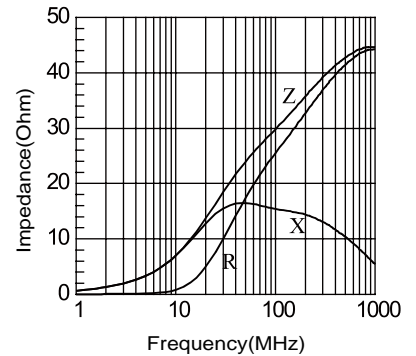
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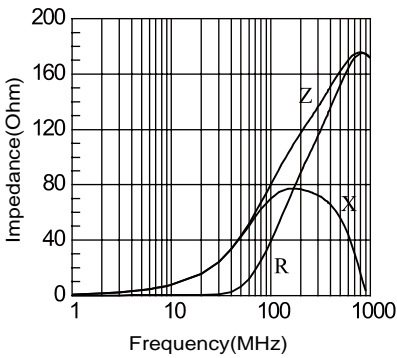
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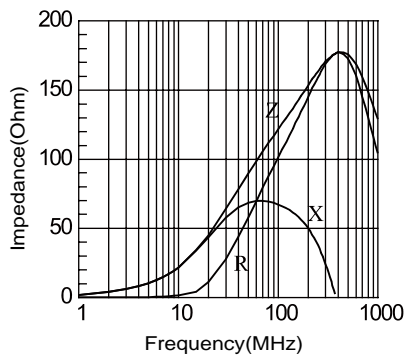
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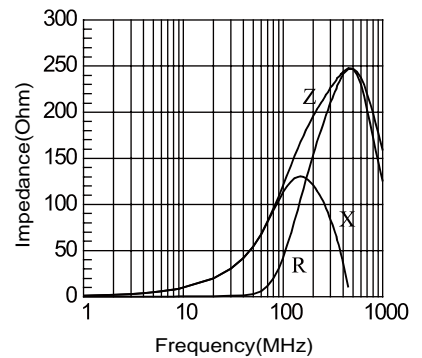
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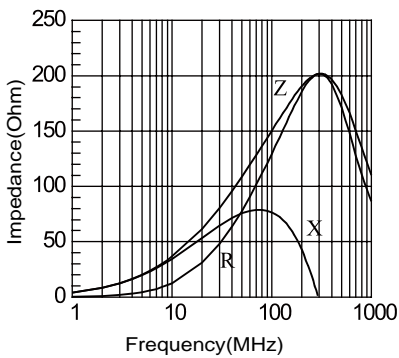
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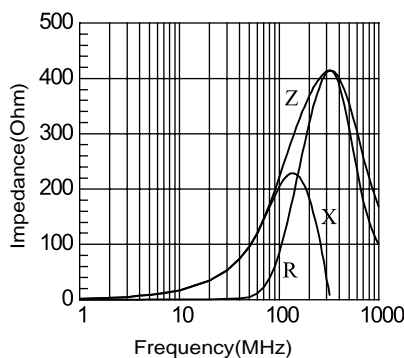
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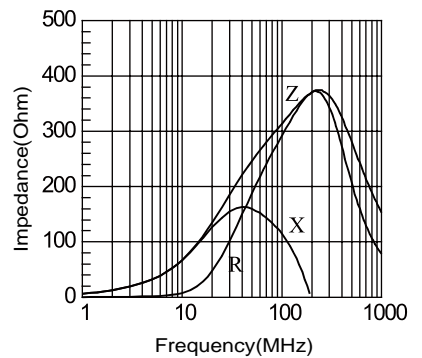
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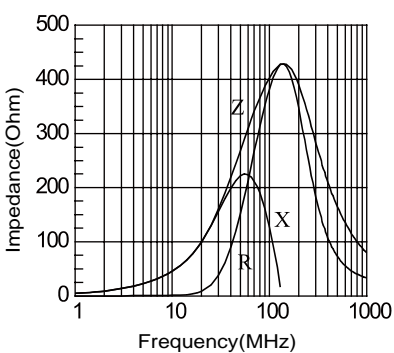
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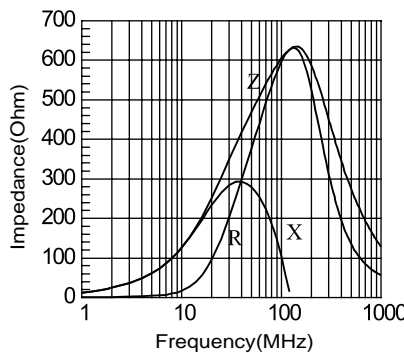
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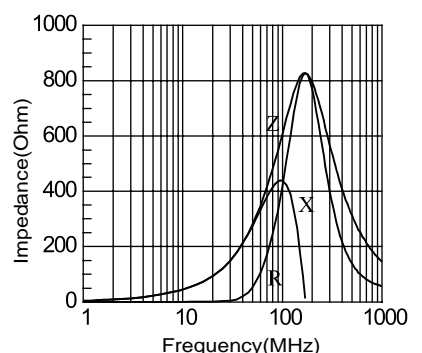
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GMLB A-SERIES

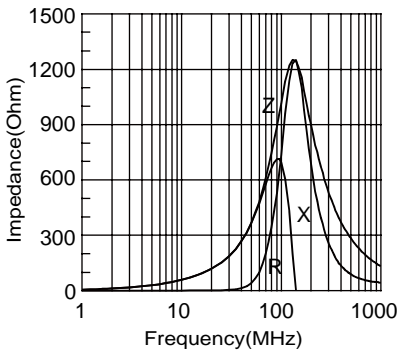
Ferrite Chip Beads For General Applications

CUTTING-EDGE TECHNOLOGIES OF RF SOLUTIONS

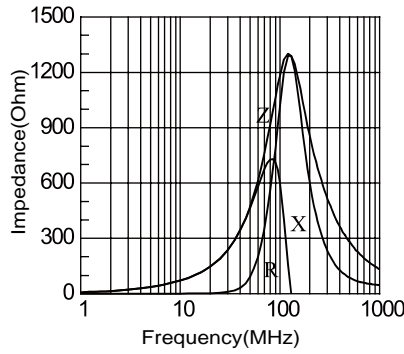
Multilayer Chip Beads

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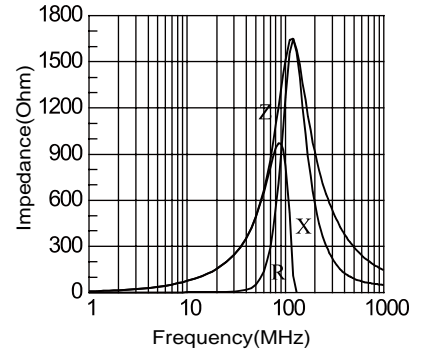
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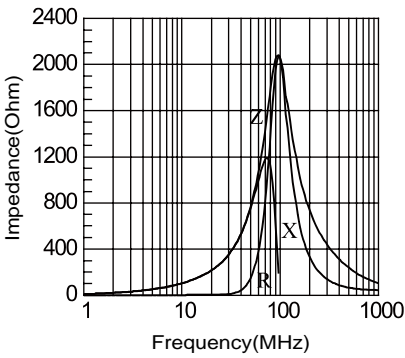
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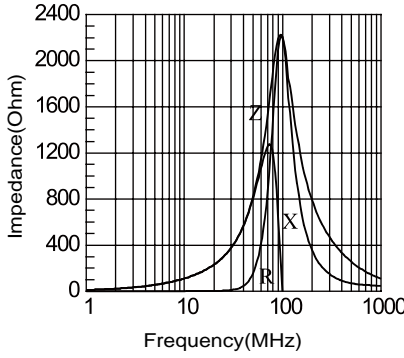
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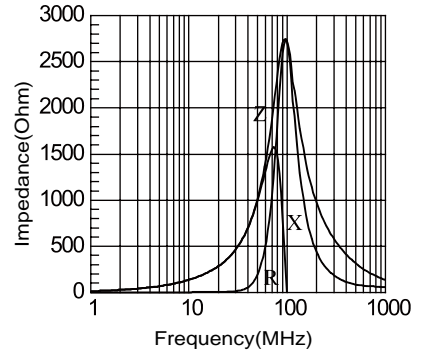
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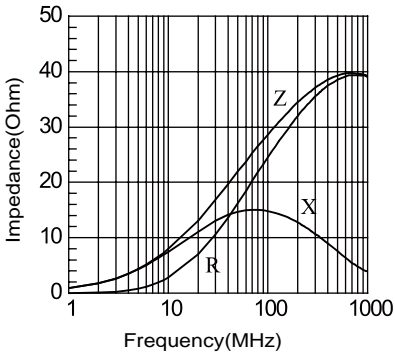


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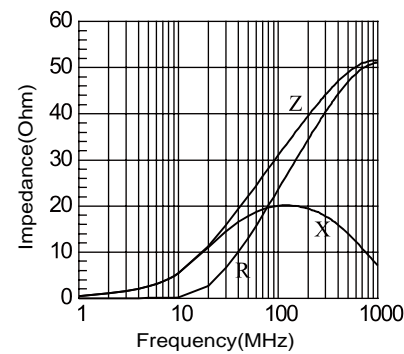


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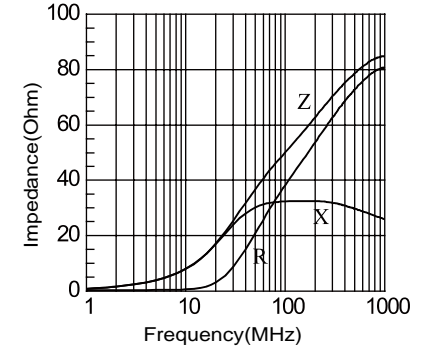
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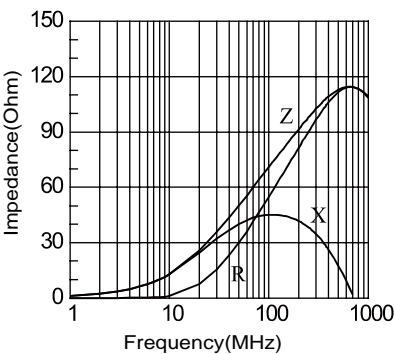
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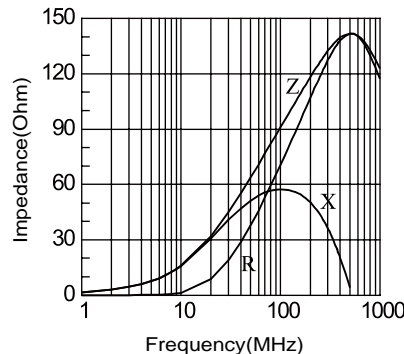
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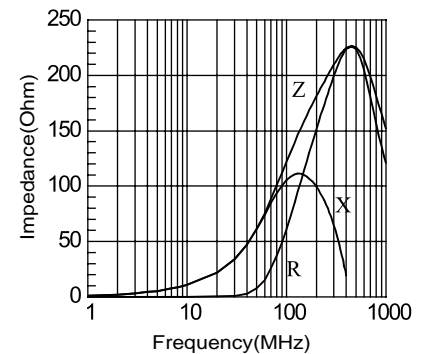
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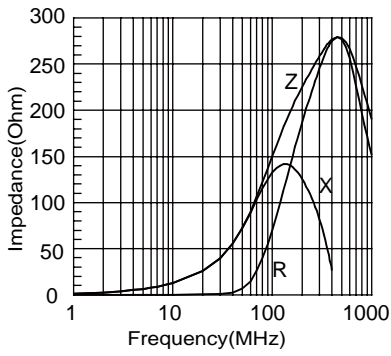


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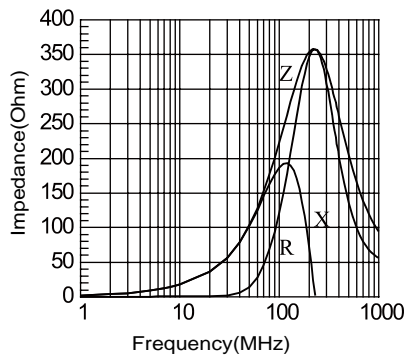


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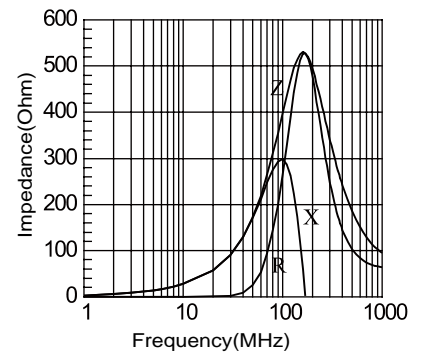
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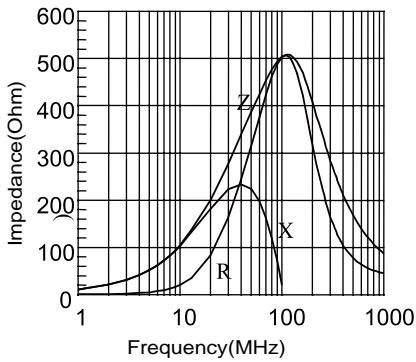
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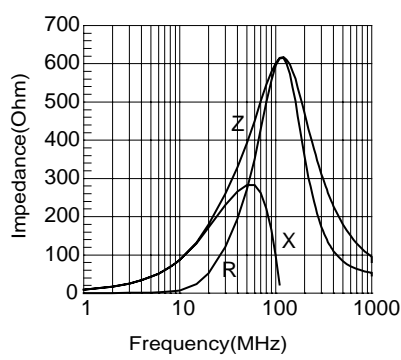
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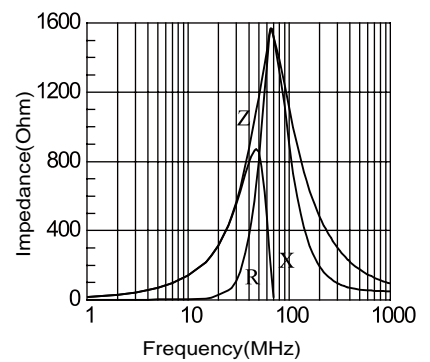
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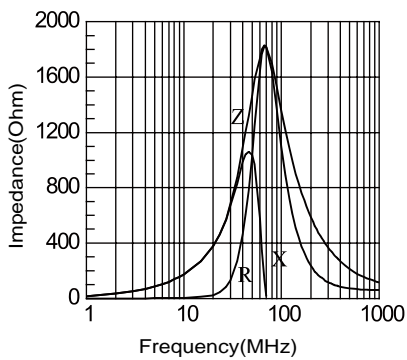
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