

■ FEATURES

• Effective EMI Protection

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

• Low DC Resistance

P-series chip beads have extremely low DC resistance. Low DC resistance characteristics are ideal for noise filtering of power line.

• High Current Handling

P-series chip beads are designed for high current handling. P-series chip beads are able to withstand currents to a maximum of 6A DC.

• Multiple Size Availability

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

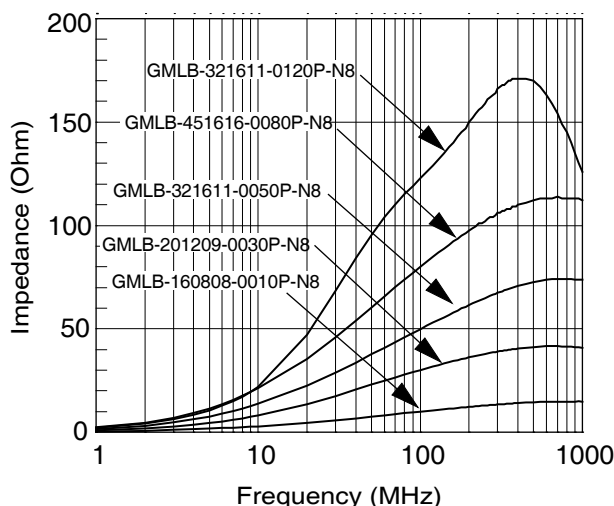
■ APPLICATIONS

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

- CD-ROMs
- Hard Drives
- Modems
- Monitors
- Motherboards
- Printers

■ TYPICAL ELECTRICAL CHARACTERISTIC CURVES

Typical electrical characteristic curves for the GMLB P-series chip beads. The P-series has low DC resistance suitable for high current applications.



■ 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-060303-0022P-N8	22 ± 25%	0.065	900	-55~+125
GMLB-060303-0033P-N8	33 ± 25%	0.070	500	

100505(0402) -SIZES

Part Number	Impedance (Ω) at 100 MHz	R _{DC} (Ω) Max.	I _{DC} (mA) Max.	Operating Temp. Range(°C)
GMLB-100505-0010P-N8	10 ± 25%	0.05	1000	-55~+125
GMLB-100505-0120P-N8	120 ± 25%	0.095	1500	
GMLB-100505-0220P-N8	220 ± 25%	0.28	700	

160808 (0603)-SIZES

Part Number	Impedance (Ω) at 100 MHz	R _{DC} (Ω) Max.	I _{DC} (mA) Max.	Operating Temp. Range(°C)
GMLB-160808-0010P-N8	10 ± 25%	0.01	5000	-55~+125
GMLB-160808-0025P-N8	25 ± 25%	0.03	3000	
GMLB-160808-0030P-N8	30 ± 25%	0.03		
GMLB-160808-0060P-N8	60 ± 25%	0.04	2500	
GMLB-160808-0120P-N8	120 ± 25%	0.05		
GMLB-160808-0150P-N8	150 ± 25%	0.07	2000	
GMLB-160808-0220P-N8	220 ± 25%	0.10		
GMLB-160808-0300P-N8	300 ± 25%	0.10	1500	
GMLB-160808-0470P-N8	470 ± 25%	0.15		
GMLB-160808-0600P-N8	600 ± 25%	0.20		

GMLB P-SERIES

Ferrite Chip Beads For High Current Applications

CUTTING-EDGE TECHNOLOGIES OF RF SOLUTIONS

■ PRODUCT SPECIFICATION

201209 (0805)-SIZES

Part Number	Impedance (Ω) at 100 MHz	R _{DC} (Ω) Max.	I _{DC} (mA) Max.	Operating Temp. Range(°C)
GMLB-201209-0010P-N8	10 ± 25%	0.01	6000	-55~+125
GMLB-201209-0020P-N8	20 ± 25%	0.03	4000	
GMLB-201209-0030P-N8	30 ± 25%	0.015	3000	
GMLB-201209-0060P-N8	60 ± 25%	0.025		
GMLB-201209-0080P-N8	80 ± 25%	0.04	5000	
GMLB-201209-0120P-N8	120 ± 25%	0.04		
GMLB-201209-0150P-N8	150 ± 25%	0.04	3000	
GMLB-201209-0220P-N8	220 ± 25%	0.04		
GMLB-201209-0300P-N8	300 ± 25%	0.07		
GMLB-201209-0470P-N8	470 ± 25%	0.1	2000	
GMLB-201209-0600P-N8	600 ± 25%	0.1		

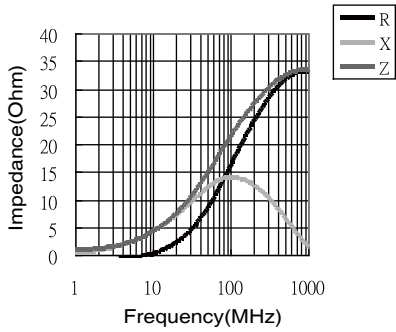
321611 (1206)-SIZES

Part Number	Impedance (Ω) at 100 MHz	R _{DC} (Ω) Max.	I _{DC} (mA) Max.	Operating Temp. Range(°C)		
GMLB-321611-0030P-N8	30 ± 25%	0.03	4000	-55~+125		
GMLB-321611-0050P-N8	50 ± 25%					
GMLB-321611-0080P-N8	80 ± 25%					
GMLB-321611-0120P-N8	120 ± 25%				0.04	3000
GMLB-321611-0300P-N8	300 ± 25%				0.06	2500
GMLB-321611-0500P-N8	500 ± 25%				0.07	2000

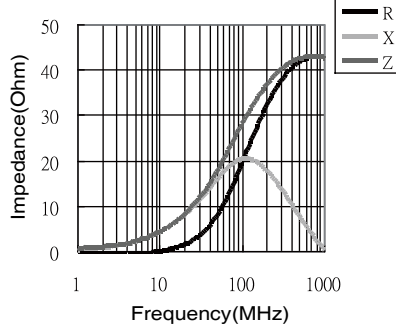
TYPICAL ELECTRICAL CHARACTERISTIC CURVES

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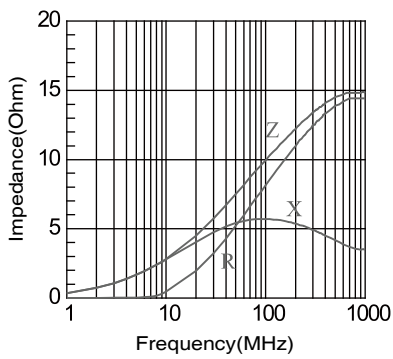


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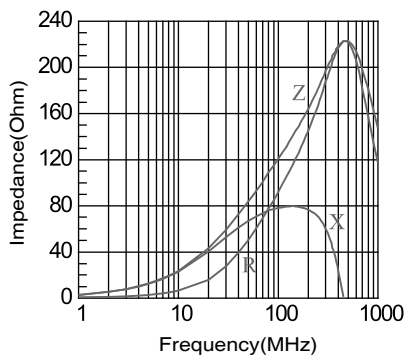


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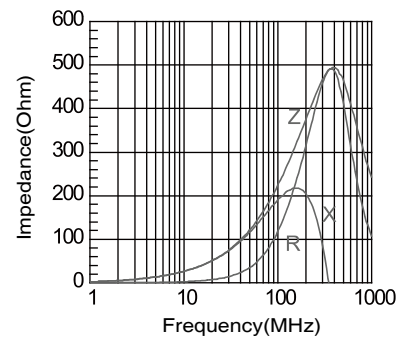
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GMLB-100505-220P-N8



GMLB P-SERIES

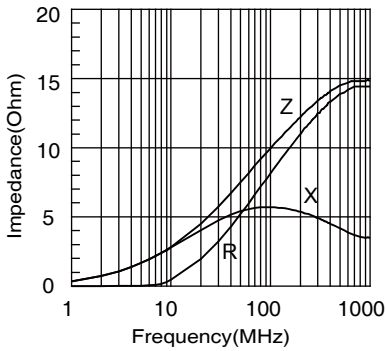
Ferrite Chip Beads For High Current Applications

CUTTING-EDGE TECHNOLOGIES OF RF SOLUTIONS

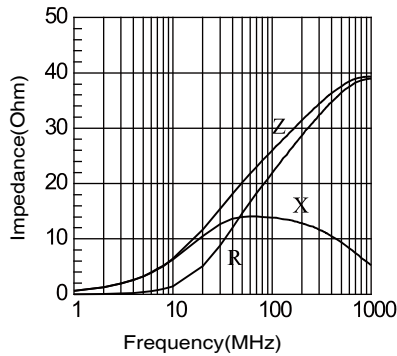
Multilayer Chip Beads

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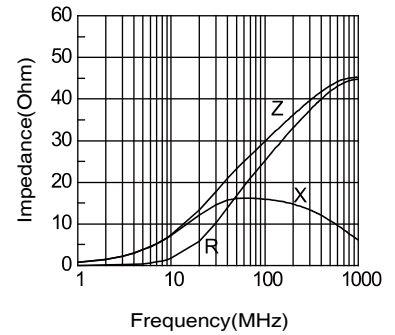
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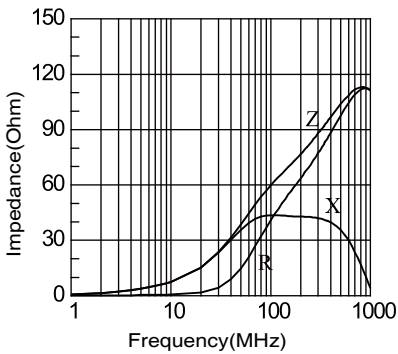
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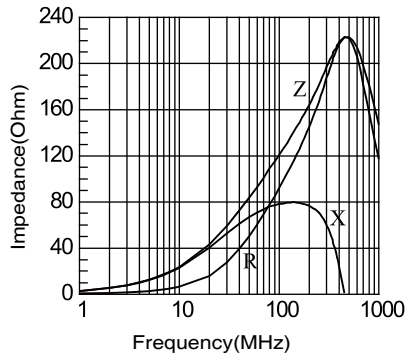
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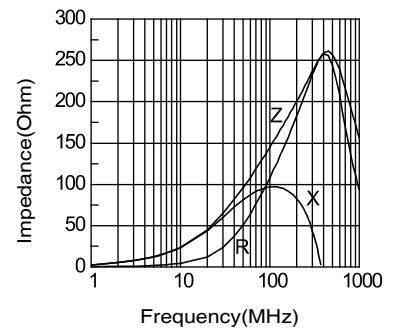
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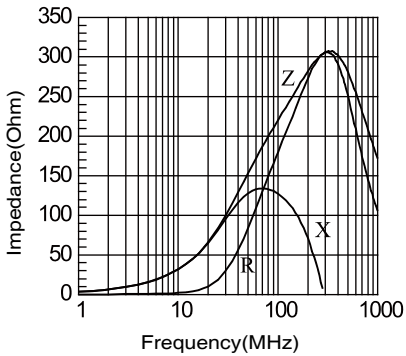
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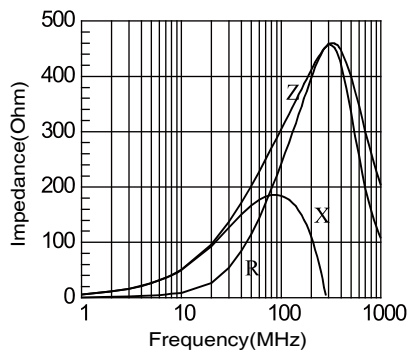
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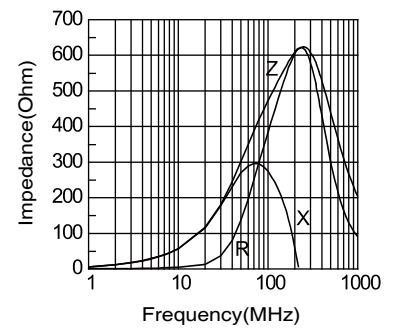
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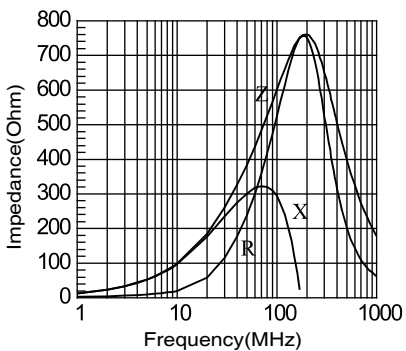
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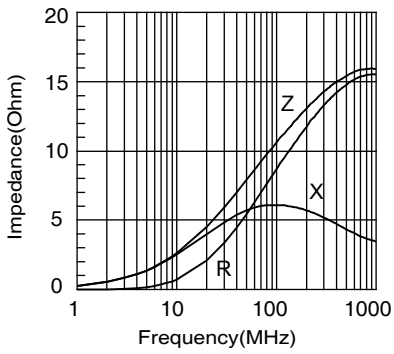


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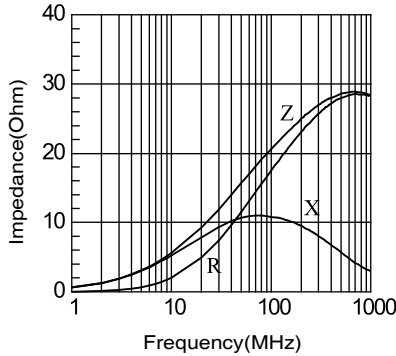


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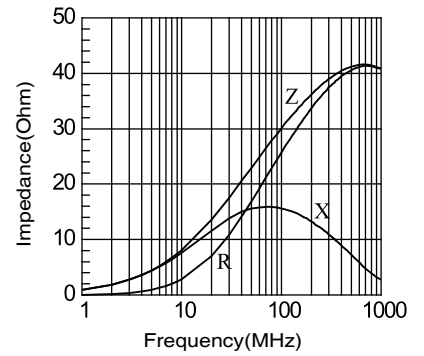
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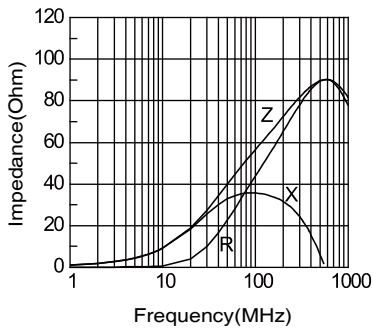
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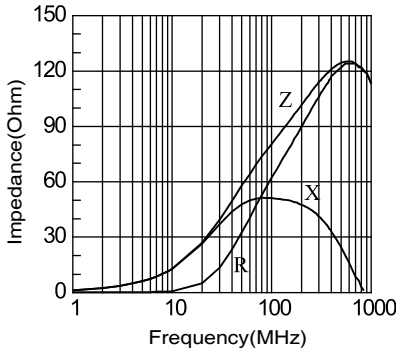
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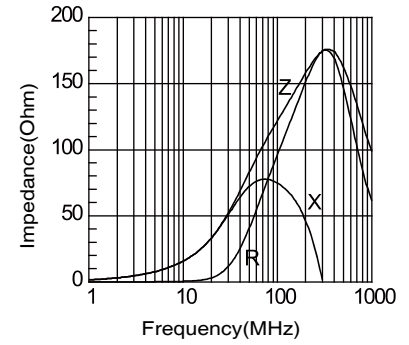
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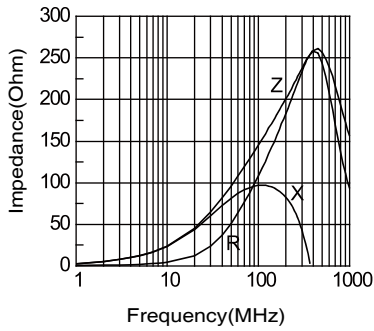
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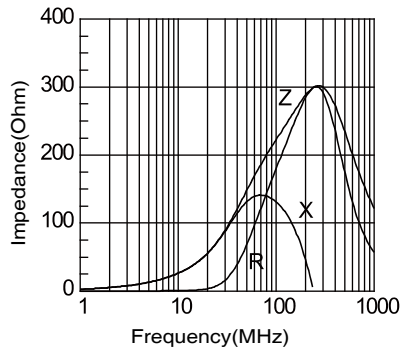
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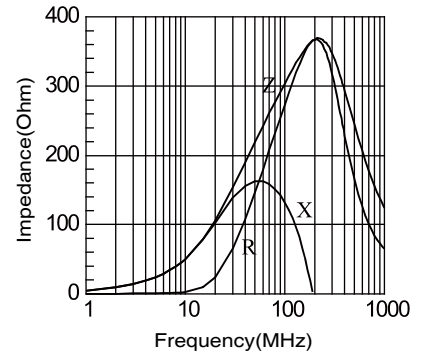
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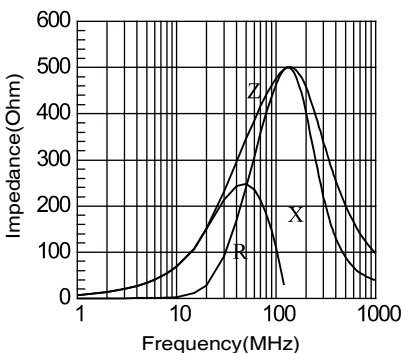
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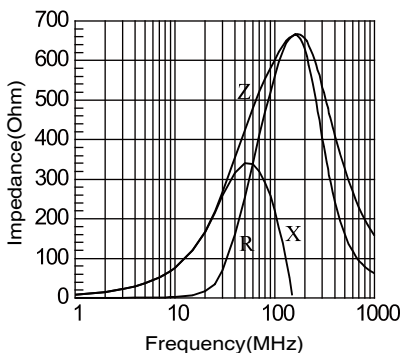
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GMLB P-SERIES

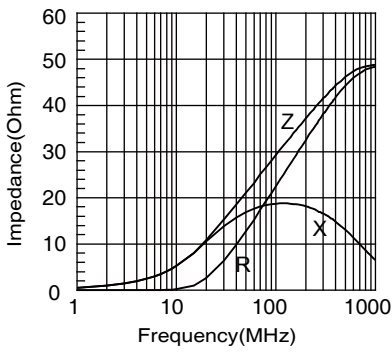
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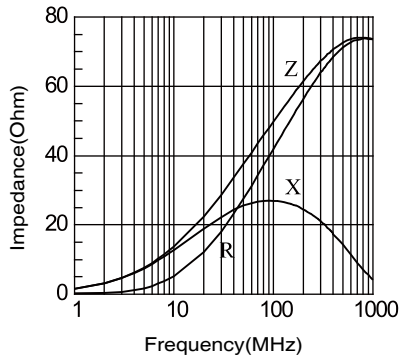
Multilayer Chip Beads

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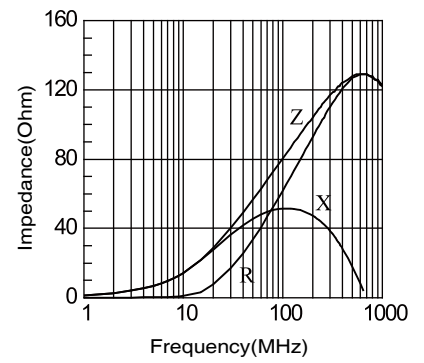
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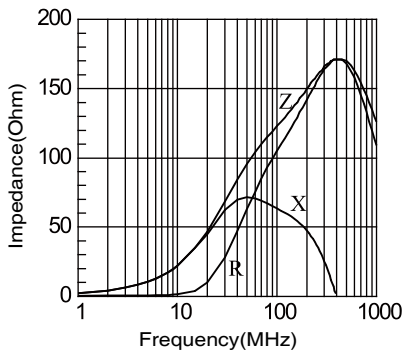
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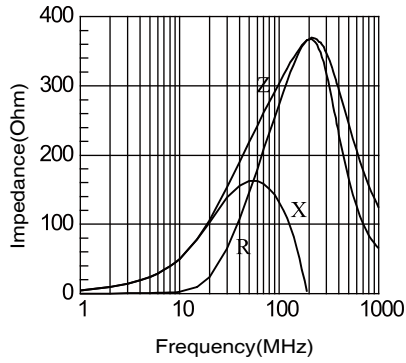
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