

GMLB A-SERIES

Ferrite Chip Beads For General Applications

◆ 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

◆ 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.

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◆ PRODUCT SPECIFICATIONS

060303 (0201) SIZES

Part Number	Impedance (Ω) at 100 MHz	R_{DC} (Ω) Max.	I_{DC} (mA) Max.	Operating Temp. Range ($^{\circ}\text{C}$)
GMLB-060303-0080A-N8	80 \pm 25%	0.4	300	-55 ~ +125
GMLB-060303-0120A-N8	120 \pm 25%	0.4	300	
GMLB-060303-0240A-N8	240 \pm 25%	0.8	250	
GMLB-060303-0300A-N8	300 \pm 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 ($^{\circ}\text{C}$)
GMLB-100505-0030A-N8	30 \pm 25%	0.15	500	-55 ~ +125
GMLB-100505-0070A-N8	70 \pm 25%			
GMLB-100505-0120A-N8	120 \pm 25%	0.25	300	
GMLB-100505-0220A-N8	220 \pm 25%	0.35		
GMLB-100505-0300A-N8	300 \pm 25%	0.45		
GMLB-100505-0470A-N8	470 \pm 25%	0.55		
GMLB-100505-0600A-N8	600 \pm 25%	0.60		
GMLB-100505-1000A-N8	1000 \pm 25%	1.00	200	

160808 (0603)-SIZES

Part Number	Impedance (Ω) at 100 MHz	R_{DC} (Ω) Max.	I_{DC} (mA) Max.	Operating Temp. Range ($^{\circ}\text{C}$)
GMLB-160808-0030A-N8	30 \pm 25%	0.20	400	-55 ~ +125
GMLB-160808-0040A-N8	40 \pm 25%		300	
GMLB-160808-0060A-N8	60 \pm 25%			
GMLB-160808-0080A-N8	80 \pm 25%	0.40	200	
GMLB-160808-0100A-N8	100 \pm 25%			
GMLB-160808-0120A-N8	120 \pm 25%			
GMLB-160808-0180A-N8	180 \pm 25%	0.50		
GMLB-160808-0220A-N8	220 \pm 25%			
GMLB-160808-0240A-N8	240 \pm 25%			
GMLB-160808-0300A-N8	300 \pm 25%	0.70	100	
GMLB-160808-0450A-N8	450 \pm 25%			
GMLB-160808-0600A-N8	600 \pm 25%			
GMLB-160808-1000A-N8	1000 \pm 25%	1.00	50	
GMLB-160808-1200A-N8	1200 \pm 25%			
GMLB-160808-1500A-N8	1500 \pm 25%	1.2		

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Ferrite Chip Beads For General Applications

201209 (0805)-SIZES

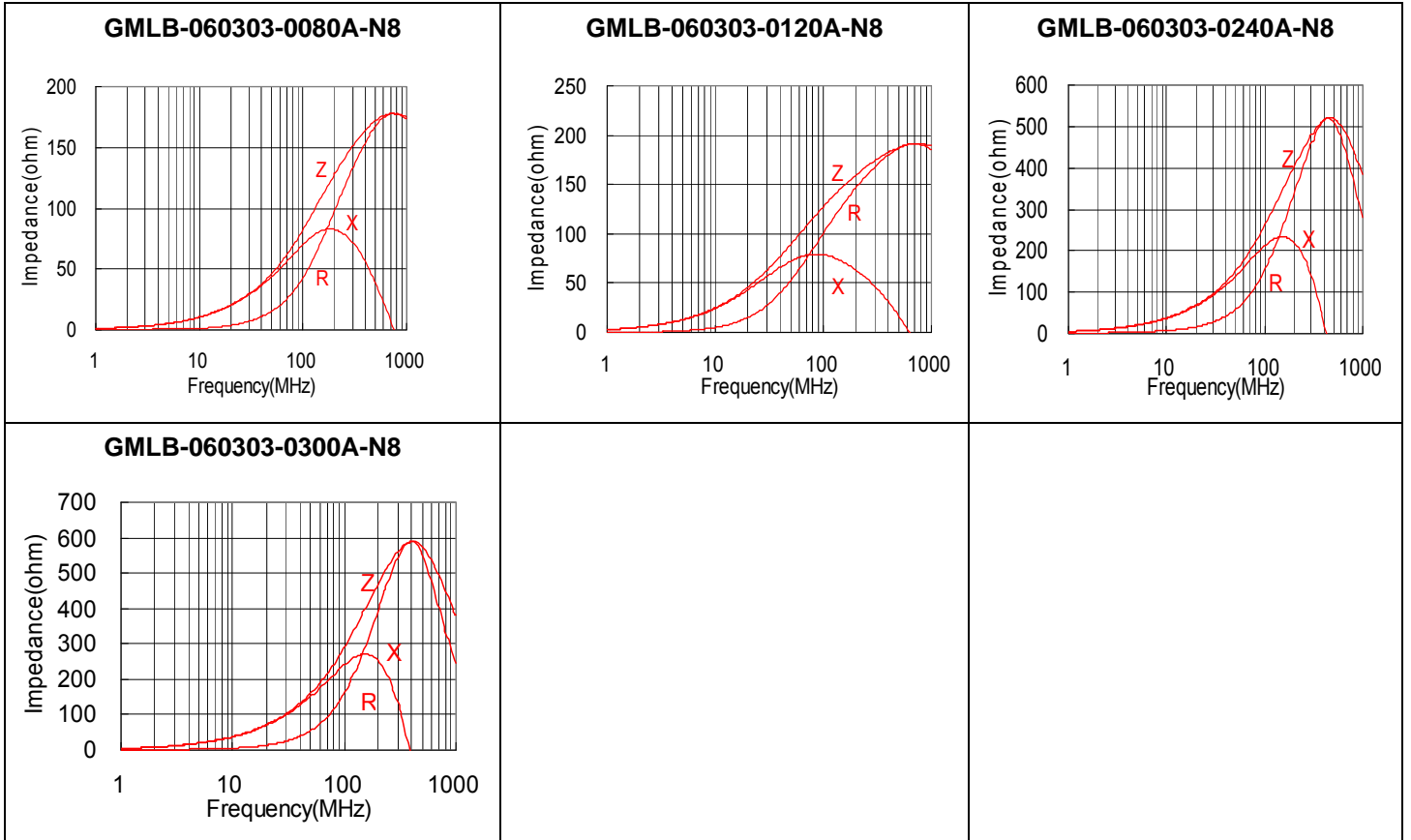
Part Number	Impedance (Ω) at 100 MHz	R_{DC} (Ω) Max.	I_{DC} (mA) Max.	Operating Temp. Range ($^{\circ}C$)
GMLB-201209-0010A-N8	10 \pm 25%	0.10	600	-55 ~ +125
GMLB-201209-0017A-N8	17 \pm 25%		500	
GMLB-201209-0030A-N8	30 \pm 25%			
GMLB-201209-0080A-N4	80 \pm 25%	0.30	400	
GMLB-201209-0120A-N8	120 \pm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

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◆ TYPICAL ELECTRICAL CHARACTERISTIC CURVES

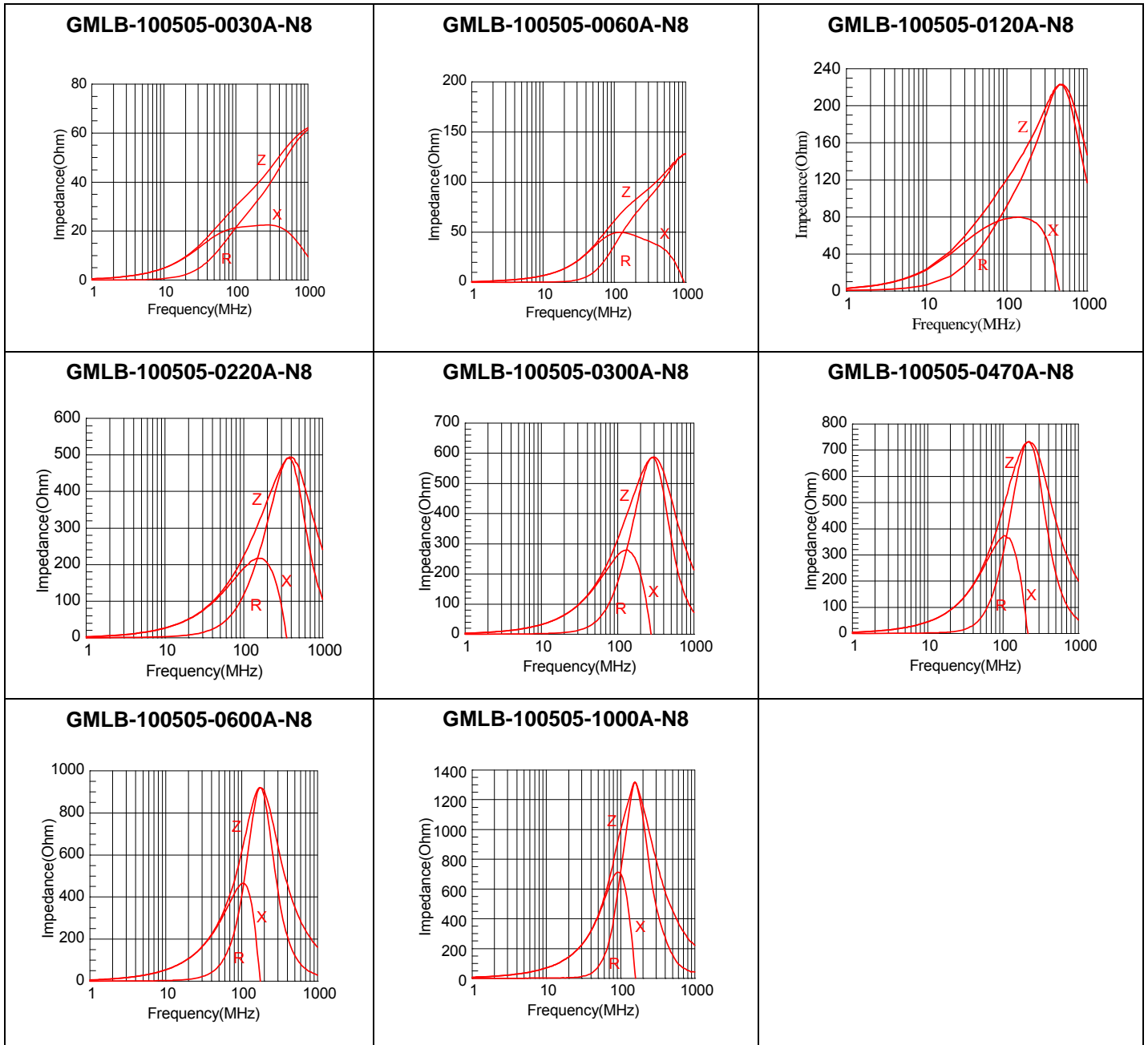
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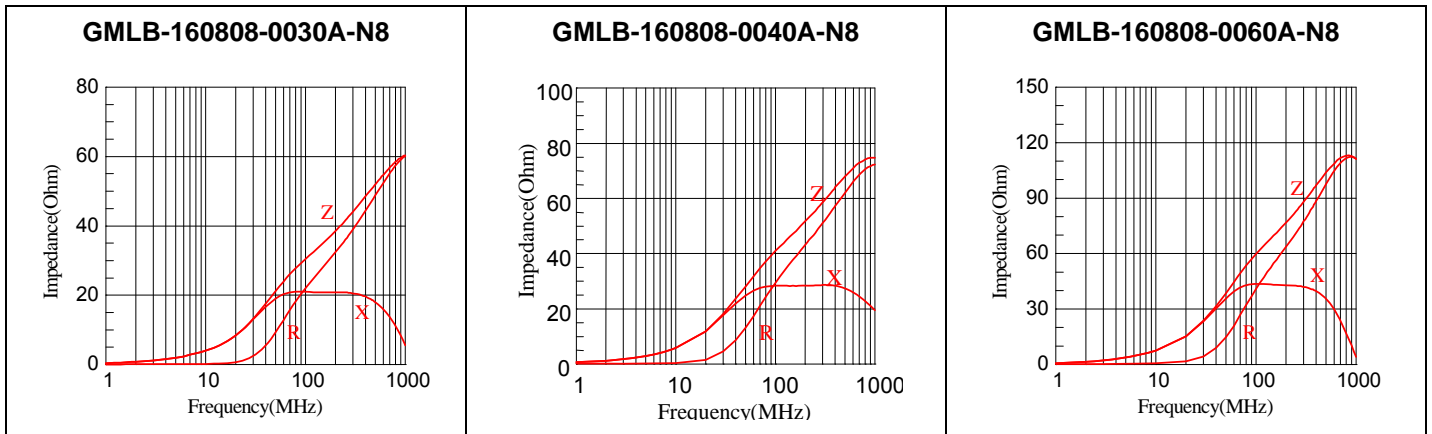
GMLB A-SERIES

Ferrite Chip Beads For General Applications

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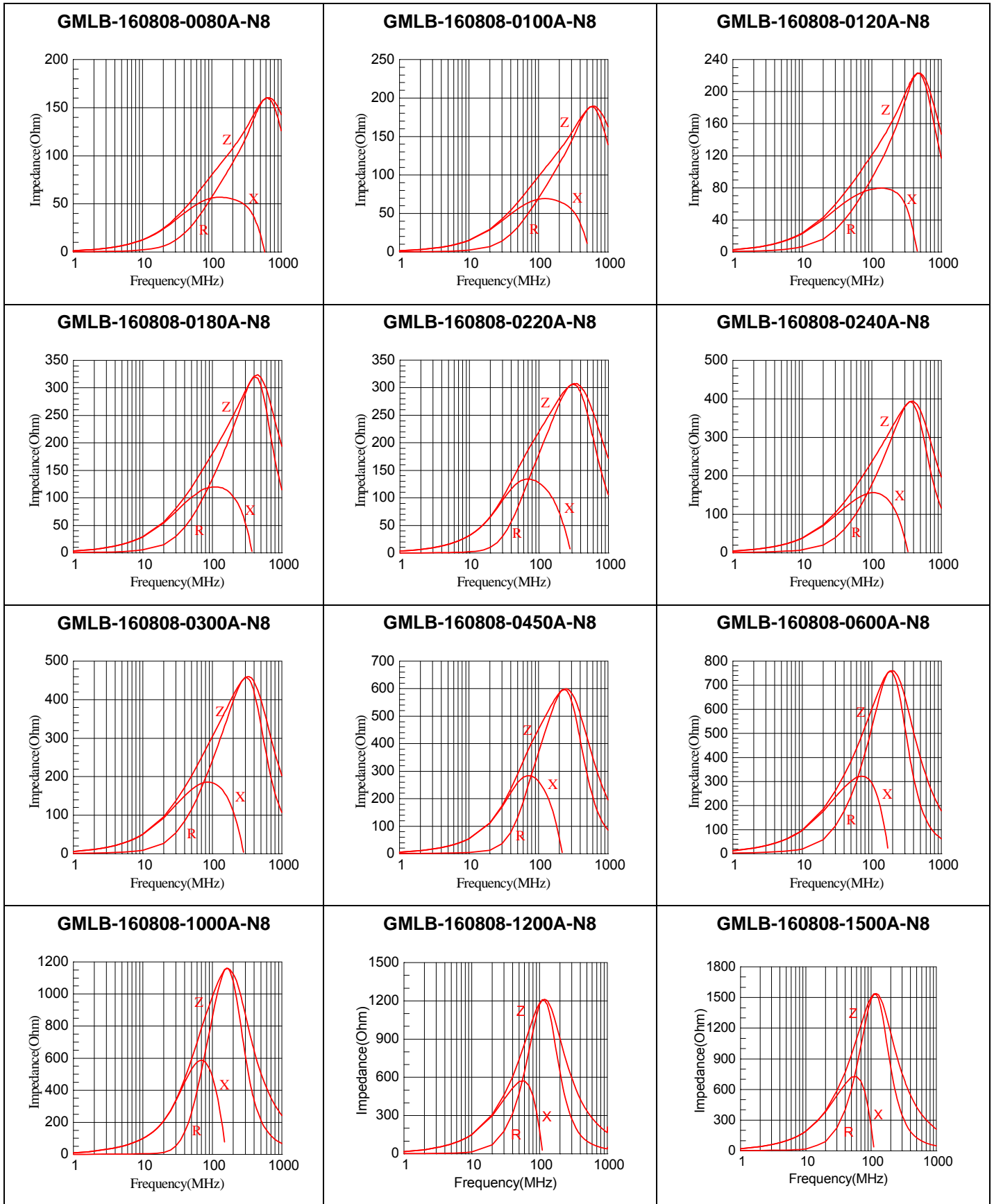
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Ferrite Chip Beads For General Applications

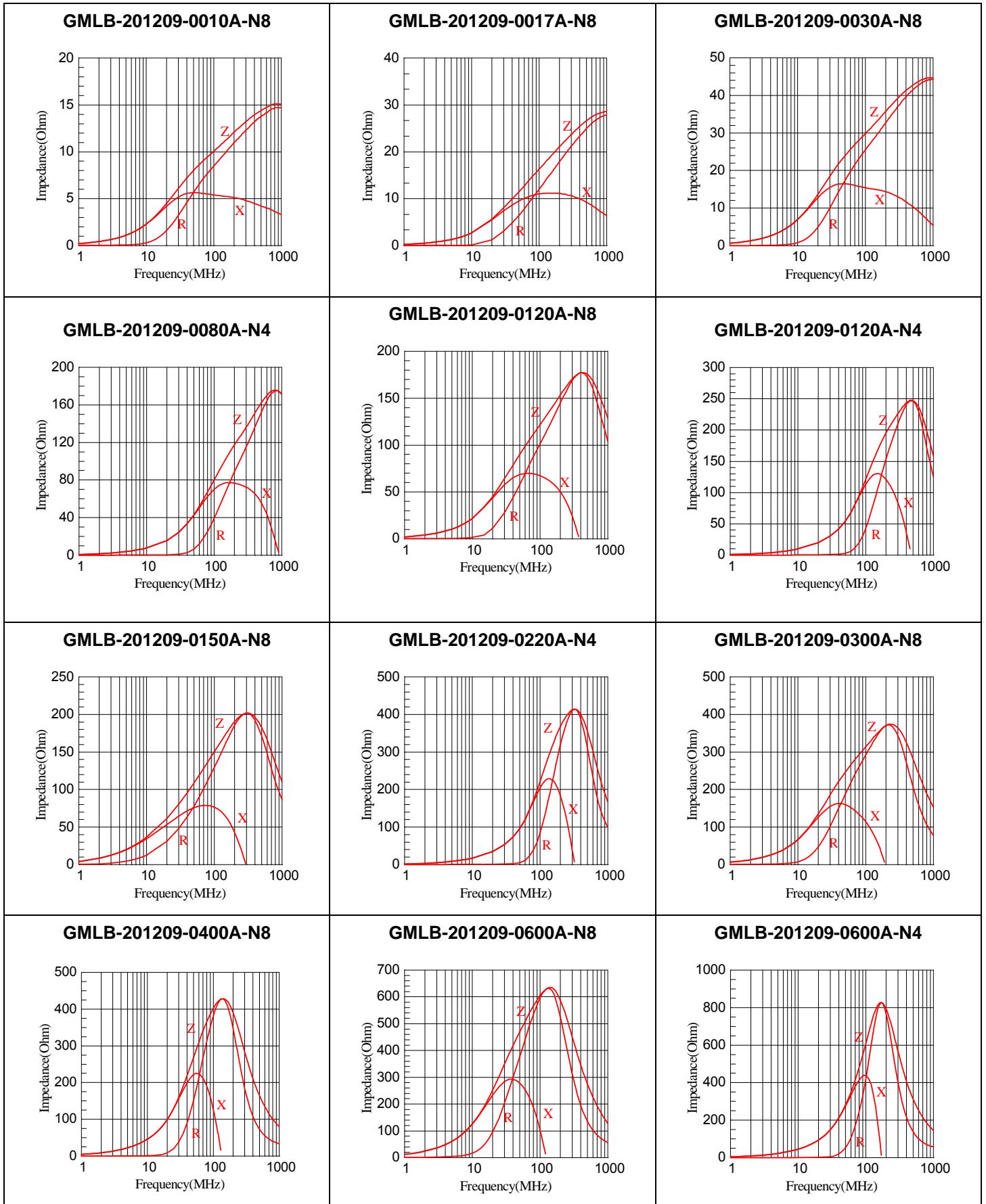
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GMLB A-SERIES

Ferrite Chip Beads For General Applications

SIZE : 201209



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