

# GMLB R-SERIES

## Ferrite Chip Beads For Low Frequency Applications

### ◆ FEATURES

- **Wide Frequency Characteristics**

R-series chip beads are able to generate impedances over a wide range of frequencies.

- **Higher Low-frequency Impedances**

R-series chip beads are able to generate higher impedances at low frequencies.

- **Prevents Signal Ringing**

R-series chip beads contain resistive elements that effectively prevent signal ringing.

- **Multiple Size Availability**

R-series chip beads are available in three compact sizes: 160808, 201209

### ◆ APPLICATIONS

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

- Computers
- Hard Drives
- Modems
- Printers
- CD-ROMs
- VCRs
- Televisions
- Audio Equipment

Typical electrical characteristic curves for the GMLB R-series chip beads. The R-series covers a wide frequency range and is effective at low frequencies.

# GMLB R-SERIES

Ferrite Chip Beads For Low Frequency Applications

## ◆ PRODUCT SPECIFICATIONS

### 160808 (0603)-SIZES

Part Number	Impedance ( $\Omega$ ) at 100 MHz	R <sub>DC</sub> ( $\Omega$ ) Max.	I <sub>DC</sub> (mA) Max.	Operating Temp. Range ( $^{\circ}$ C)
GMLB-160808-0080R-S2	80 $\pm$ 25%	0.3	200	-55 ~ +125
GMLB-160808-0120R-S2	120 $\pm$ 25%	0.4		
GMLB-160808-0240R-S2	240 $\pm$ 25%			
GMLB-160808-0300R-S2	300 $\pm$ 25%	0.5	500	
GMLB-160808-0600R-S2	600 $\pm$ 25%	0.4		
GMLB-160808-1000R-S2	1000 $\pm$ 25%	0.8	200	

### 201209 (0805)-SIZES

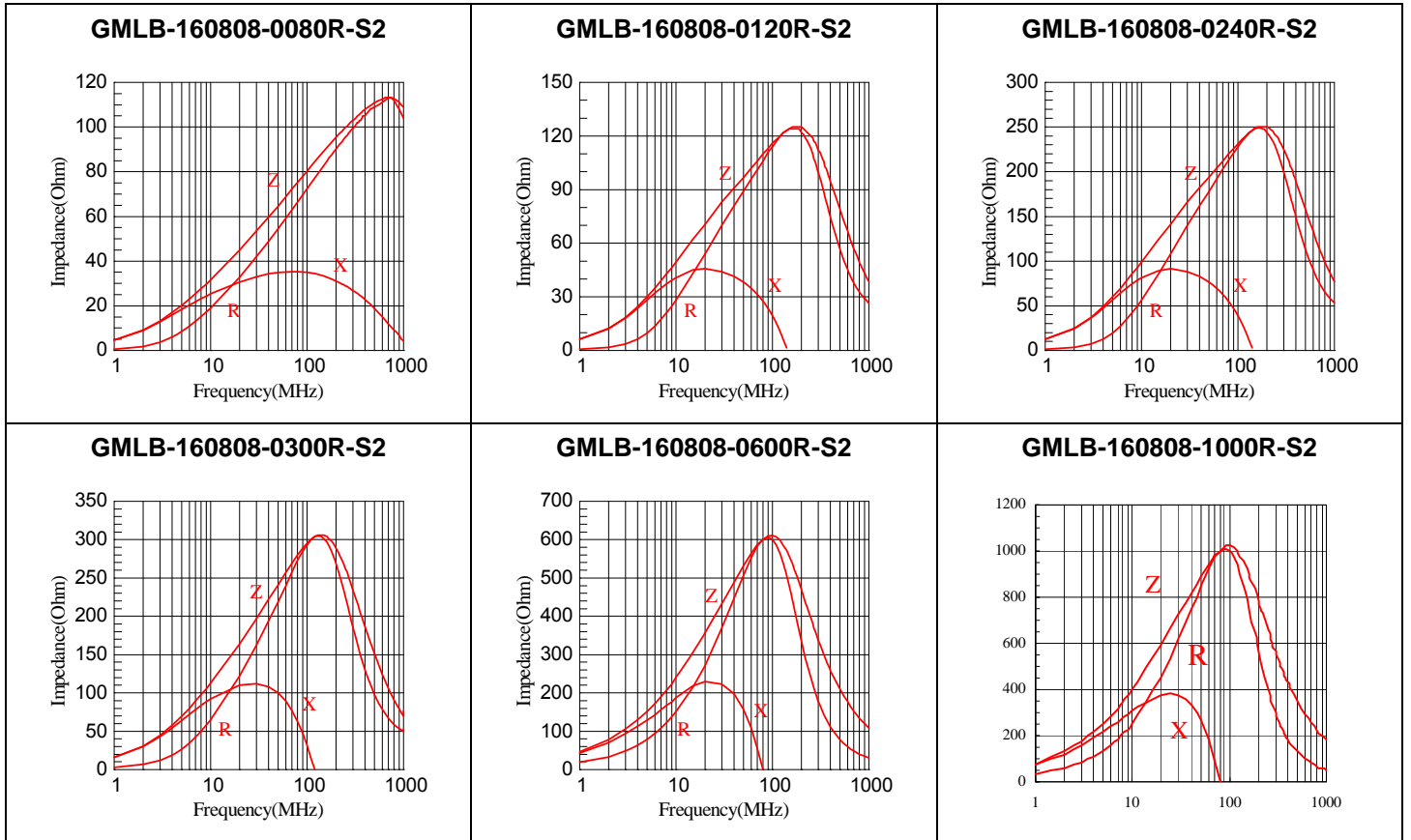
Part Number	Impedance ( $\Omega$ ) at 100 MHz	R <sub>DC</sub> ( $\Omega$ ) Max.	I <sub>DC</sub> (mA) Max.	Operating Temp. Range ( $^{\circ}$ C)
GMLB-201209-0080R-S2	80 $\pm$ 25%	0.2	300	-55 ~ +125
GMLB-201209-0120R-S2	120 $\pm$ 25%	0.3		
GMLB-201209-0240R-S2	240 $\pm$ 25%	0.4	200	
GMLB-201209-0300R-S2	300 $\pm$ 25%	0.5		
GMLB-201209-0430R-S2	430 $\pm$ 25%			
GMLB-201209-0600R-S2	600 $\pm$ 25%			
GMLB-201209-1000R-S2	1000 $\pm$ 25%			

# GMLB R-SERIES

## Ferrite Chip Beads For Low Frequency Applications

### ◆ TYPICAL ELECTRICAL CHARACTERISTIC CURVES

SIZE : 160808

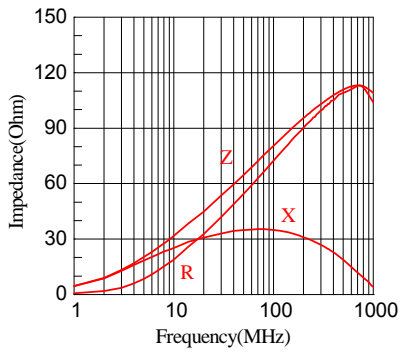


# GMLB R-SERIES

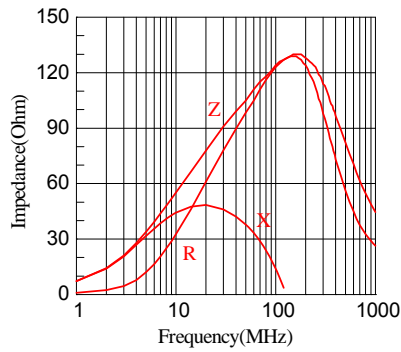
## Ferrite Chip Beads For Low Frequency Applications

SIZE : 201209

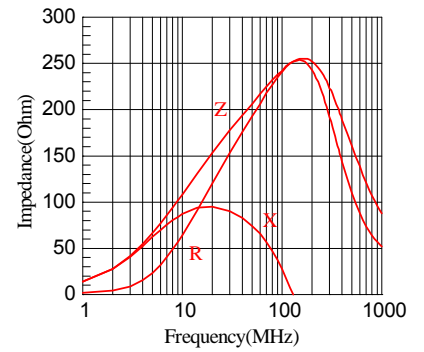
**GMLB-201209-0080R-S2**



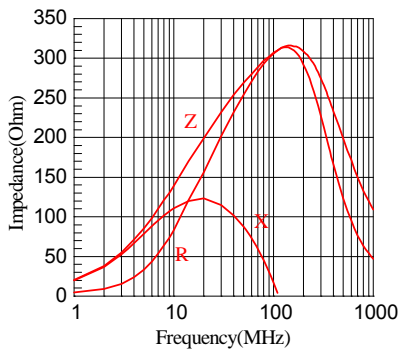
**GMLB-201209-0120R-S2**



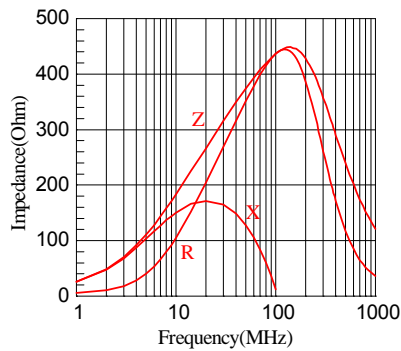
**GMLB-201209-0240R-S2**



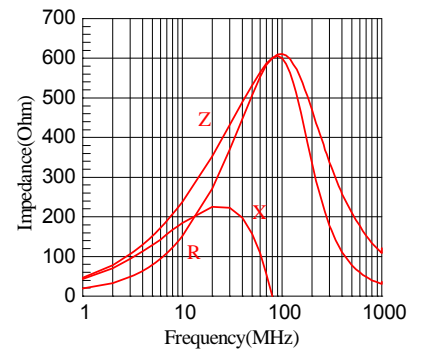
**GMLB-201209-0300R-S2**



**GMLB-201209-0430R-S2**



**GMLB-201209-0600R-S2**



**GMLB-201209-1000R-S2**

