

■ FEATURES

• Effective EMI Protection

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

• Wide Frequency Characteristics

W-series has a modified internal structure that minimizes the stray capacitance and generates high impedances GHz bead.

• High Soldering Heat Resistance

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

• Multiple Size Availability

R-series chip beads are available in three compact sizes: 100505, 160808

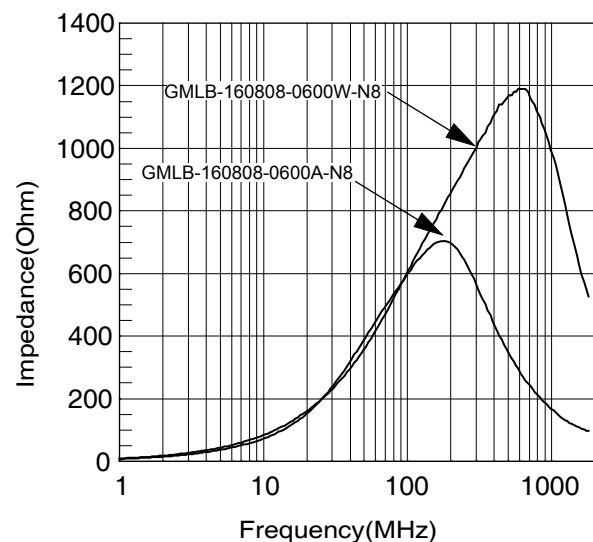
■ APPLICATIONS

W-Series chip beads can be used on interference line of electronic equipments that has high speed CPU?high-speed data bus or RF circuit.

Suitable for noise suppression from 500 MHz to GHz

■ TYPICAL ELECTRICAL CHARACTERISTIC CURVES

Typical electrical characteristic curves for the GMLB W- series chip beads. The W- series covers a wider frequency range and has a conventional series.



GMLB W-SERIES

Ferrite Chip Beads For GHz-bead Noise Suppression

■ PRODUCT SPECIFICATIONS

100505(0402) SIZES

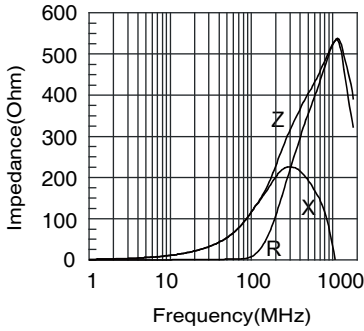
Part Number	Impedance (Ω) at 100 MHz	R _{DC} (Ω) Max.	I _{DC} (mA) Max.	Operating Temp. Range(°C)
GMLB-100505-0120W-N8	120 \pm 5%	0.7	300	-55~+125
GMLB-100505-0220W-N8	220 \pm 25%	1.0	250	
GMLB-100505-0600W-N8	600 \pm 25%	0.85	300	
GMLB-100505-1000W-N8	1000 \pm 25%	1.20	250	

160808(0603) SIZES

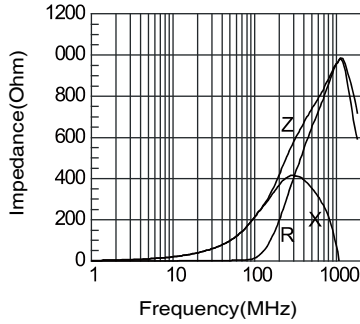
Part Number	Impedance (Ω) at 100 MHz	R _{DC} (Ω) Max.	I _{DC} (mA) Max.	Operating Temp. Range(°C)
GMLB-160808-0470W-N8	470 \pm 25%	0.8	200	-55~+125
GMLB-160808-0600W-N8	600 \pm 25%	1.0	200	
GMLB-160808-1000W-N8	1000 \pm 25%	1.2	100	
GMLB-160808-0120W-N7	120 \pm 25%	0.4	200	
GMLB-160808-0220W-N7	220 \pm 25%	0.6	200	
GMLB-160808-0330W-N7	330 \pm 25%	0.8	200	
GMLB-160808-0120WP-N8	120 \pm 25%	0.04	2000	
GMLB-160808-0600WP-N8	600 \pm 25%	0.35	500	

TYPICAL ELECTRICAL CHARACTERISTIC CURVES
SIZE: 100505

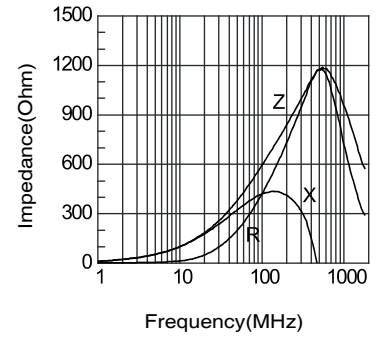
GMLB-100505-0120W-N8



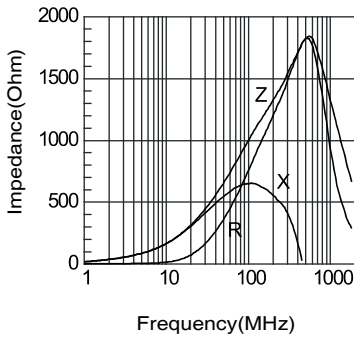
GMLB-100505-0220W-N8



GMLB-160808-0600W-N8

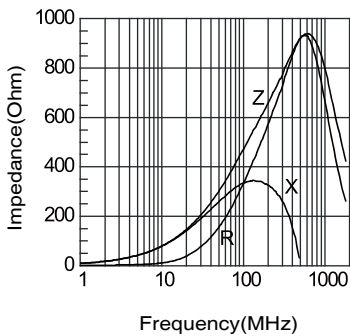


GMLB-100505-1000W-N8

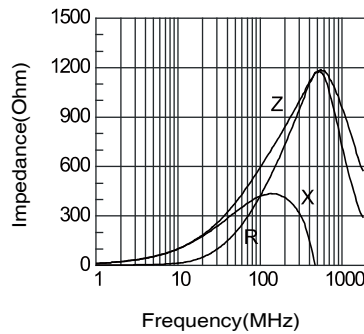


SIZE: 160808

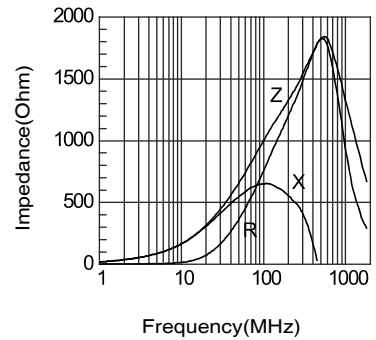
GMLB-160808-0470W-N8



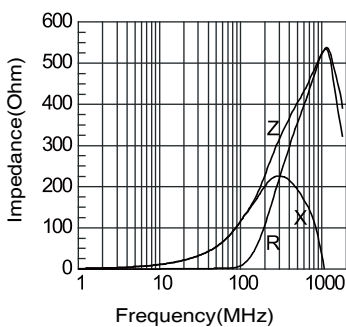
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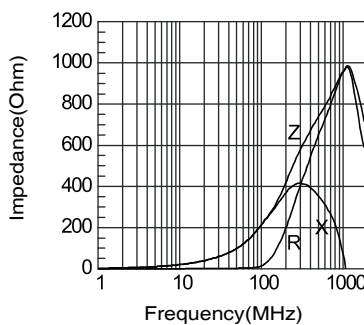
GMLB-160808-1000W-N8



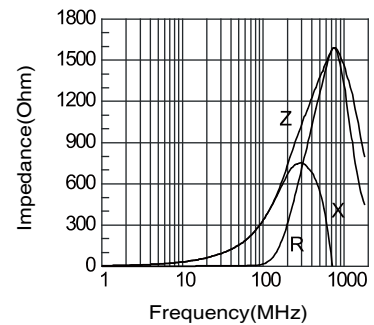
GMLB-160808-0120W-N7



GMLB-160808-0220W-N7



GMLB-160808-0330W-N7



GMLB W-SERIES

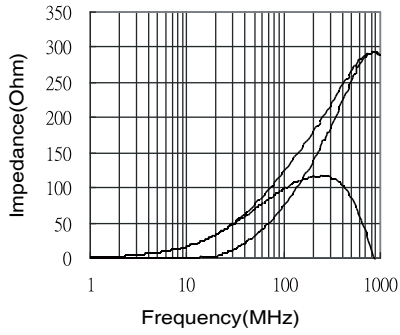
Ferrite Chip Beads For GHz-bead Noise Suppression

CUTTING-EDGE TECHNOLOGIES OF RF SOLUTIONS

Multilayer Chip Beads

TYPICAL ELECTRICAL CHARACTERISTIC CURVES SIZE: 160808

GMLB-160808-0120WP-N8



GMLB-160808-0600WP-N8

