

■ FEATURES

Low DC Resistance

L-series chip beads exhibit a low DC resistance across a wide range of impedances. The low DC resistance characteristics make the L-series chip beads suitable for use on signal lines handling larger currents.

Multiple Size Availability

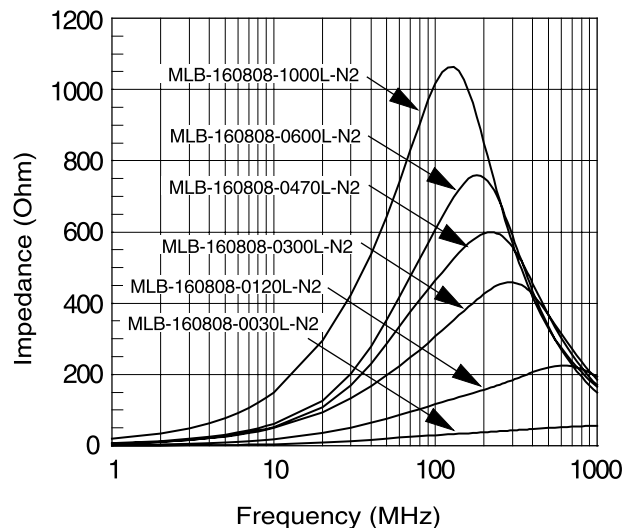
L-series chip beads are available in two compact sizes: 160808 and 201209.

■ APPLICATIONS

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

- Computers
- Modems
- CD-ROMs
- Hard Drives
- Televisions
- Wireless Devices

Typical electrical characteristic curves for the MLB L-series chip beads. The L-series has a wide range of impedance characteristics and can effectively handle mid-range current levels.



■ PRODUCT SPECIFICATIONS

160808(0603)SIZES

Part Number	Impedance (Ω) at 100 MHz	R _{DC} (Ω) Max.	I _{DC} (mA) Max.	Operating Temp. Range(°C)
MLB-160808-0030L-N2	30 ± 25%	0.05	750	-55~+125
MLB-160808-0060L-N2	60 ± 25%	0.10	650	
MLB-160808-0120L-N2	120 ± 25%	0.15	550	
MLB-160808-0300L-N2	300 ± 25%	0.25	500	
MLB-160808-0470L-N2	470 ± 25%	0.30	450	
MLB-160808-0600L-N2	600 ± 25%	0.35	350	
MLB-160808-1000L-N2	1000 ± 25%	0.40	300	

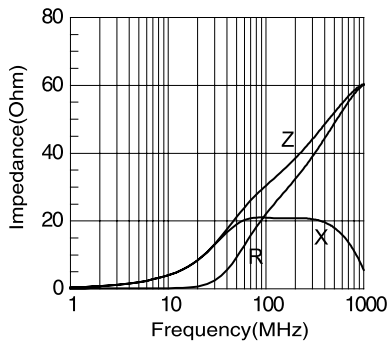
201209(0805)SIZES

Part Number	Impedance (Ω) at 100 MHz	R _{DC} (Ω) Max.	I _{DC} (mA) Max.	Operating Temp. Range(°C)
MLB-201209-0030L-N2	30 ± 25%	0.05	1000	-55~+125
MLB-201209-0060L-N2	60 ± 25%		850	
MLB-201209-0120L-N2	120 ± 25%	0.10	700	
MLB-201209-0300L-N2	300 ± 25%	0.15	600	
MLB-201209-0470L-N2	470 ± 25%	0.20	500	
MLB-201209-0600L-N2	600 ± 25%	0.25	400	
MLB-201209-1000L-N2	1000 ± 25%	0.30	350	
MLB-201209-1500L-N2	1500 ± 25%	0.35		

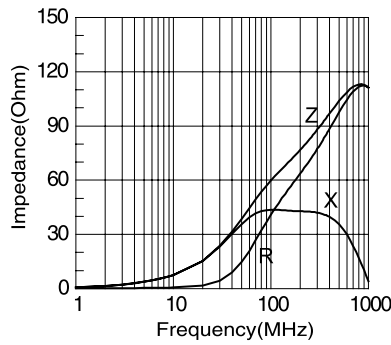
TYPICAL ELECTRICAL CHARACTERISTIC CURVES

SIZE: 160808

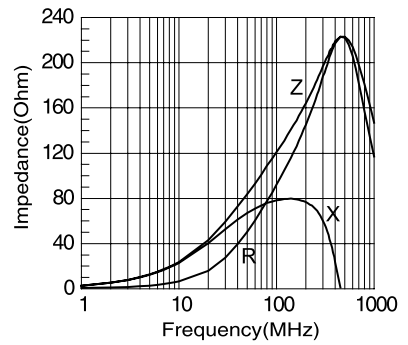
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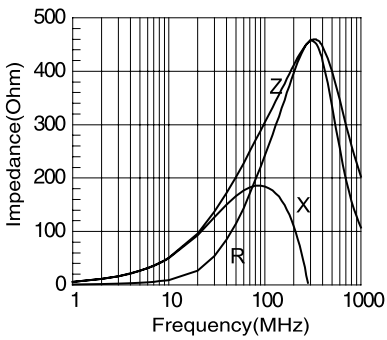
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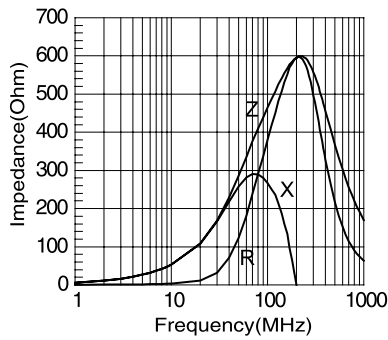
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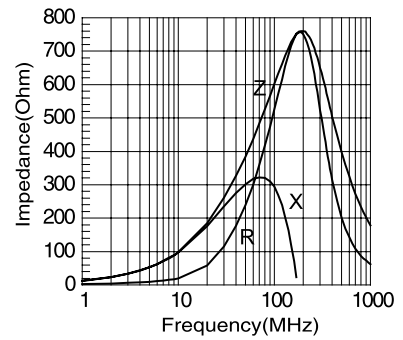
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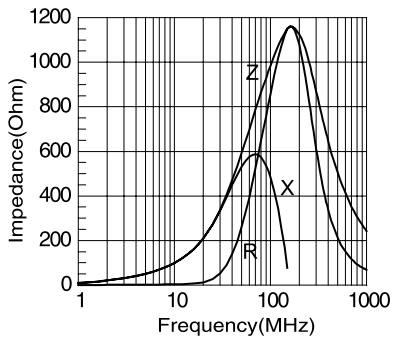
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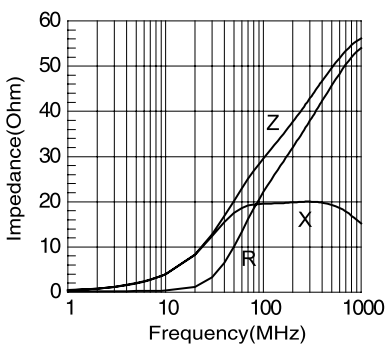


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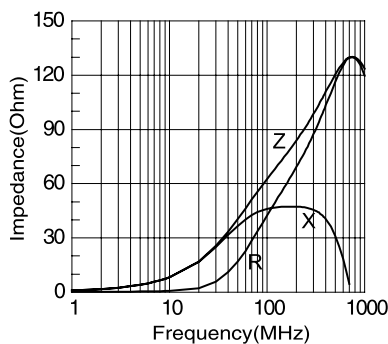


SIZE: 201209

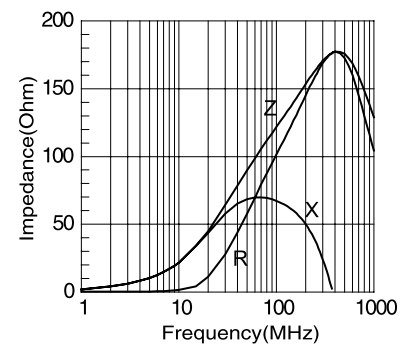
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MLB-201209-0060L-N2



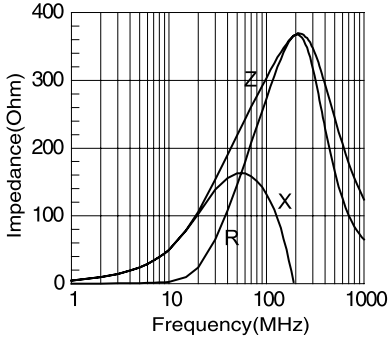
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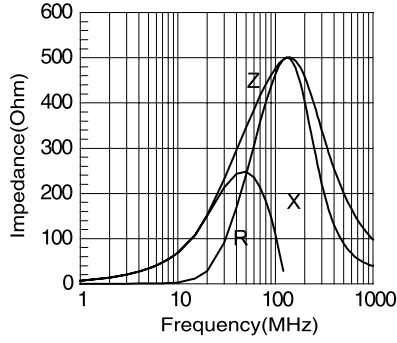
■ TYPICAL ELECTRICAL CHARACTERISTIC CURVES

SIZE: 201209

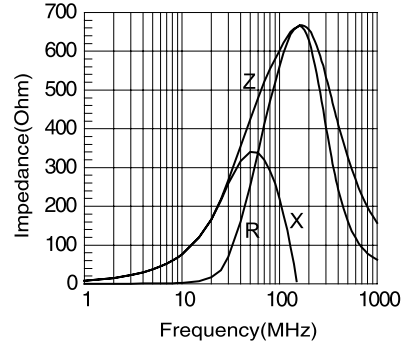
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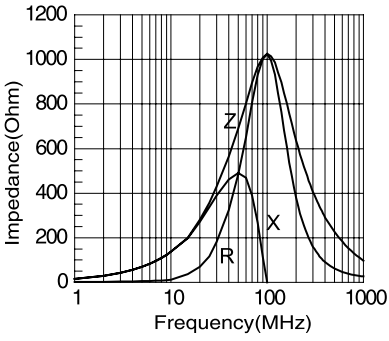
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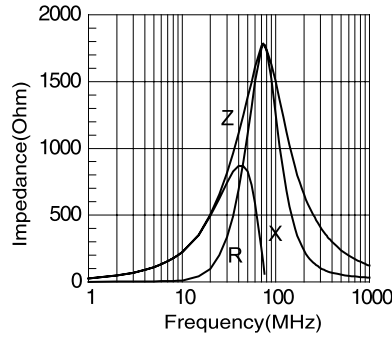
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MLB-201 209-1000L-N2



MLB-201 209-1500L-N2



MULTILAYER CHIP BEADS