

Series: L

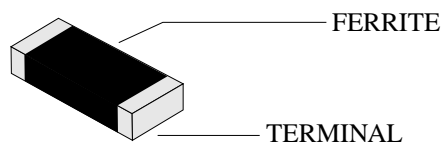
FEATURES:

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

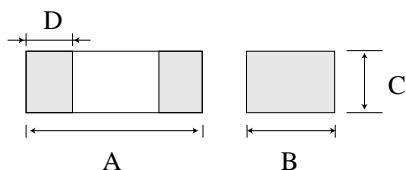
L-series chip beads are available in two compact sizes: 160808 and 201209.

MLB-160808-L SERIES

DIMENSION:



A: 1.6±0.15 (0.063±0.006)
 B: 0.8±0.15 (0.031±0.006)
 C: 0.8±0.15 (0.031±0.006)
 D: 0.3±0.20 (0.012±0.008)
 in mm (inch)



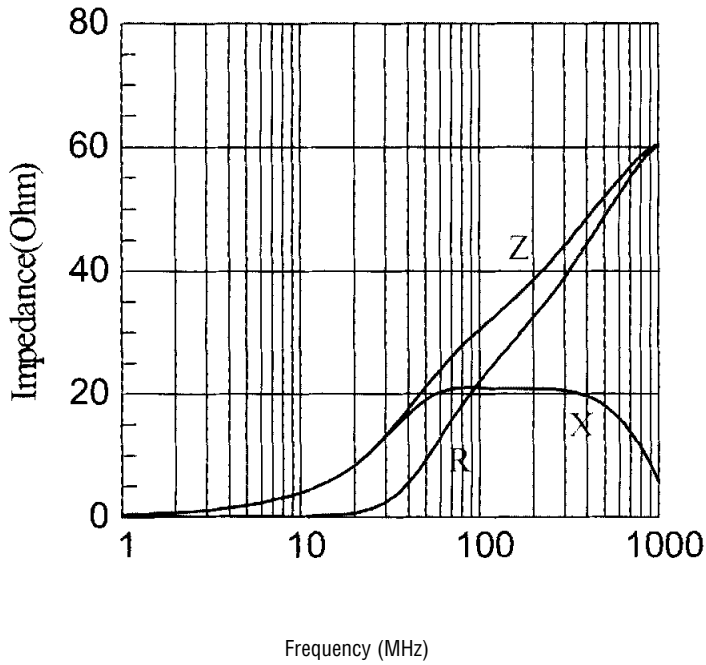
ELECTRICAL CHARACTERISTICS

Part Number	Impedance (Ω) at 100 MHz	DC Resistance (Ω) Max.	Rated Current (mA) Max.	Operating Temp. Range ($^{\circ}\text{C}$)
MLB-160808-0030L-N2	30 \pm 25%	0.05	750	-25 to +85
MLB-160808-0060L-N2	60 \pm 25%	0.10	650	-25 to +85
MLB-160808-0120L-N2	120 \pm 25%	0.15	550	-25 to +85
MLB-160808-0300L-N2	300 \pm 25%	0.25	500	-25 to +85
MLB-160808-0470L-N2	470 \pm 25%	0.30	450	-25 to +85
MLB-160808-0600L-N2	600 \pm 25%	0.35	350	-25 to +85
MLB-160808-1000L-N2	1000 \pm 25%	0.40	300	-25 to +85

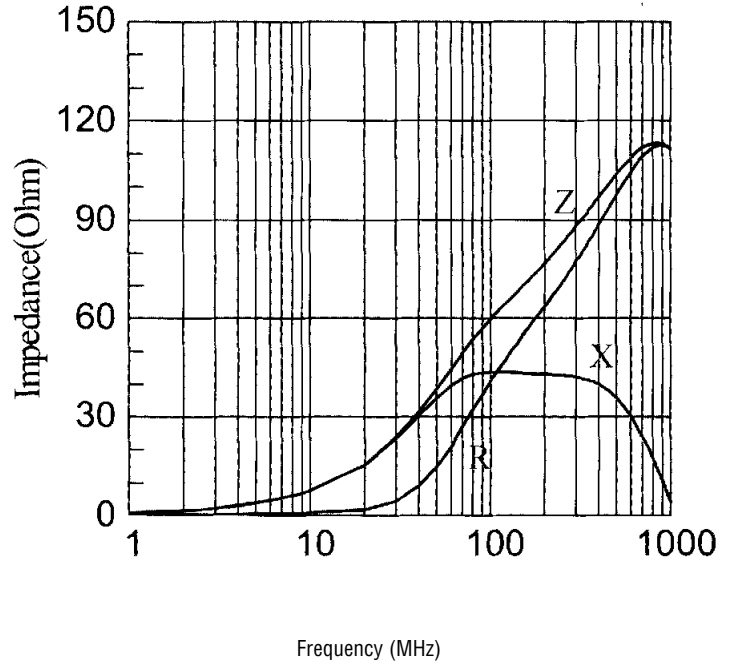
TYPICAL ELECTRICAL CHARACTERISTIC CURVES

TEST INSTRUMENT: HP-4291A

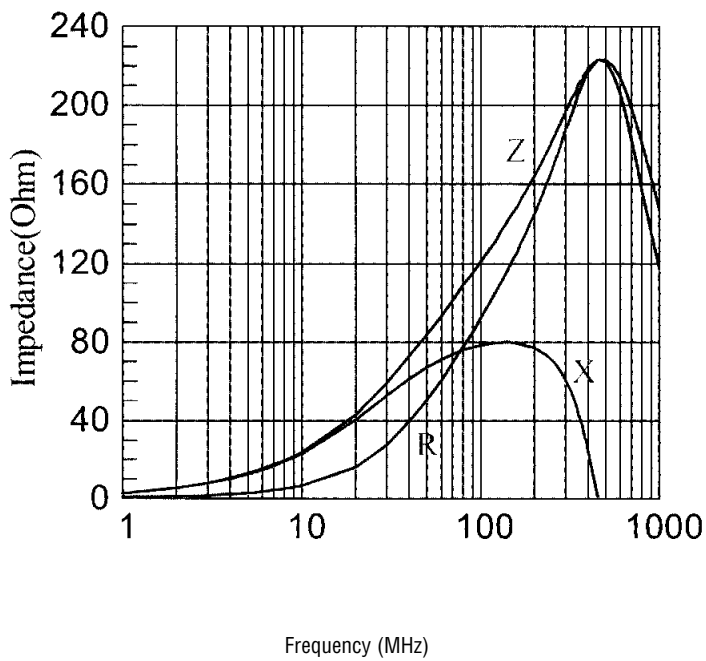
MLB-160808-0030L-N2



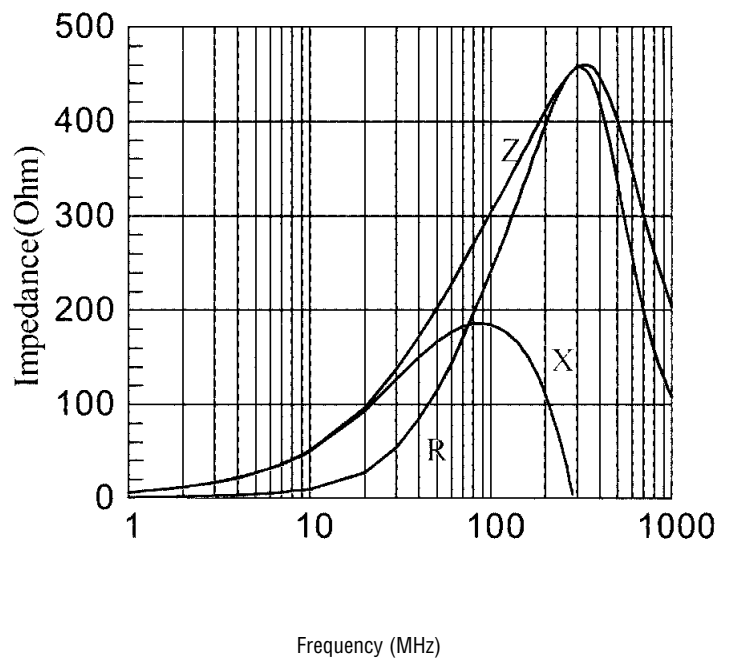
MLB-160808-0060L-N2



MLB-160808-0120L-N2



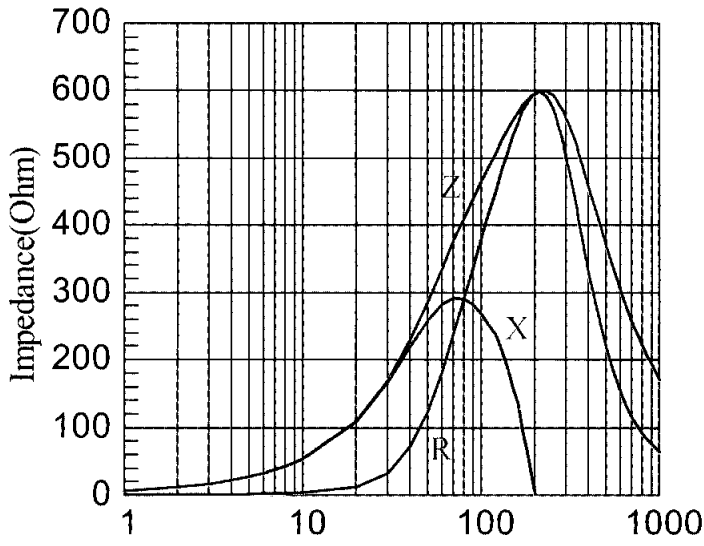
MLB-160808-0300L-N2



TYPICAL ELECTRICAL CHARACTERISTIC CURVES

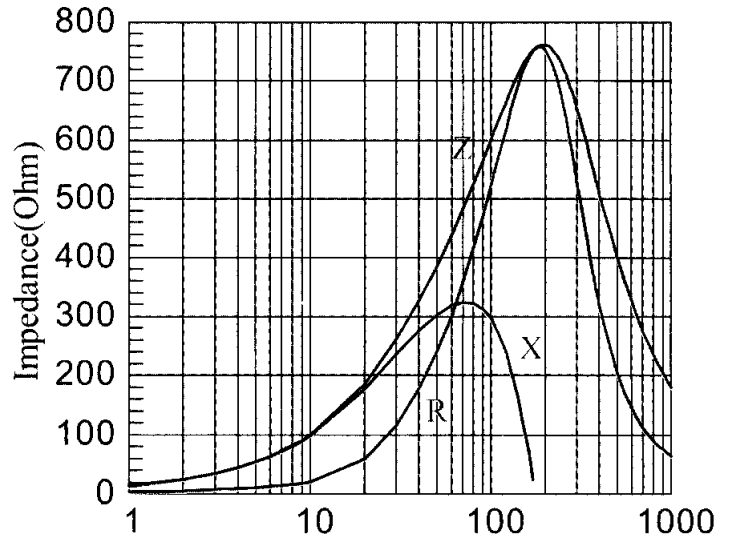
TEST INSTRUMENT: HP-4291A

MLB-160808-0470L-N2

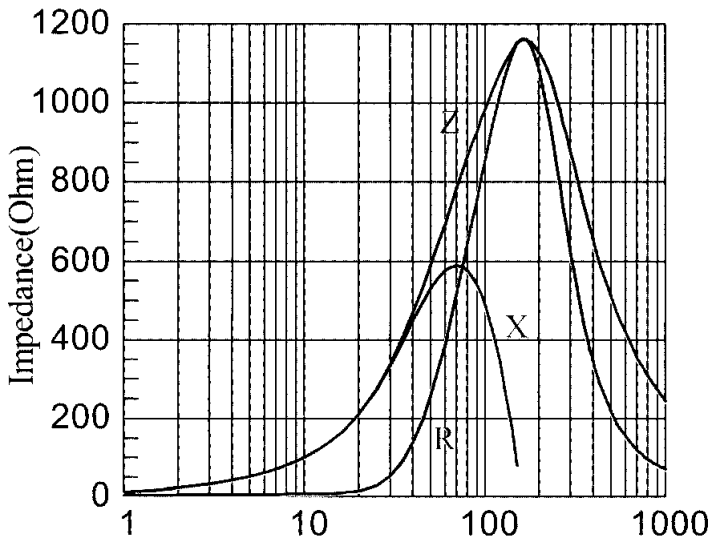


Frequency (MHz)

MLB-160808-0600L-N2



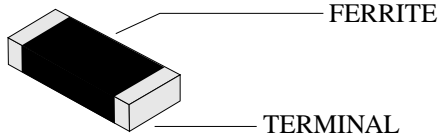
MLB-160808-1000L-N2



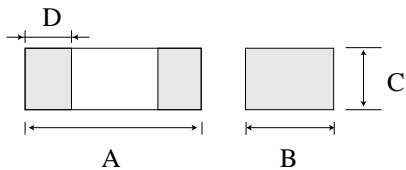
Frequency (MHz)

MLB-201209-L SERIES

DIMENSION:



A: 1.6±0.15 (0.063±0.006)
 B: 0.8±0.15 (0.031±0.006)
 C: 0.8±0.15 (0.031±0.006)
 D: 0.3±0.20 (0.012±0.008)
 in mm (inch)

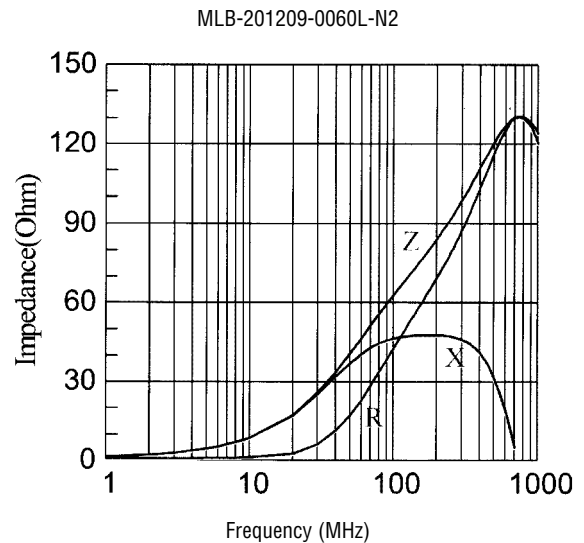
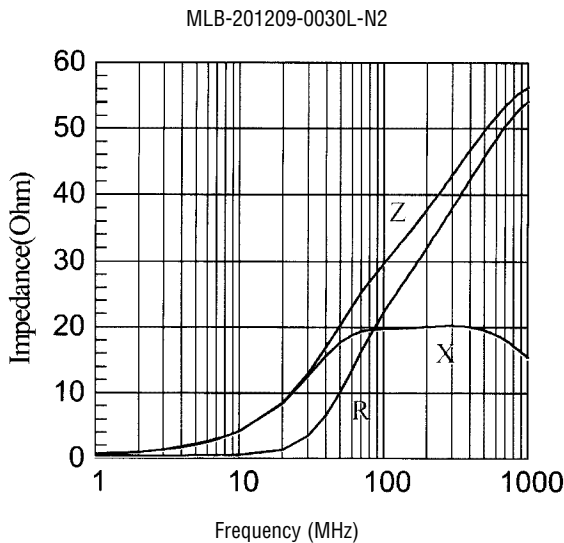


ELECTRICAL CHARACTERISTICS

Part Number	Impedance (Ω) at 100 MHz	DC Resistance (Ω) Max.	Rated Current (mA) Max.	Operating Temp. Range ($^{\circ}\text{C}$)
MLB-201209-0030L-N2	30 ± 25%	0.05	1000	-25 to +85
MLB-201209-0060L-N2	60 ± 25%	0.05	850	-25 to +85
MLB-201209-0120L-N2	120 ± 25%	0.10	700	-25 to +85
MLB-201209-0300L-N2	300 ± 25%	0.15	600	-25 to +85
MLB-201209-0470L-N2	470 ± 25%	0.20	500	-25 to +85
MLB-201209-0600L-N2	600 ± 25%	0.25	400	-25 to +85
MLB-201209-1000L-N2	1000 ± 25%	0.30	350	-25 to +85
MLB-201209-1500L-N2	1500 ± 25%	0.35	350	-25 to +85

TYPICAL ELECTRICAL CHARACTERISTIC CURVES

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