

Series: R

FEATURES:

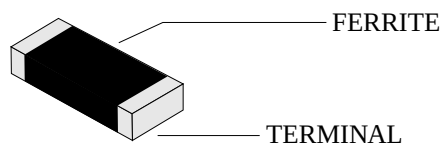
The MLB-R series generates an impedance down to relative low frequency. The impedance consists of a resistance element and prevents signal ringing.

Ideally suited to prevent noise in signal lines such as high speed C-MOS ICs.

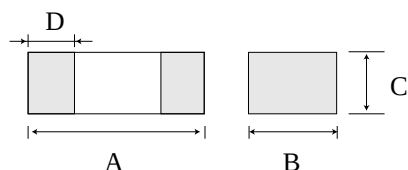
The total of three compact sizes are available from 1.6x0.8x0.8 mm up to 3.2x1.6x1.1 mm according to impedance requirement (from 26Ω to 600Ω at 100MHz).

MLB-160808-R 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)

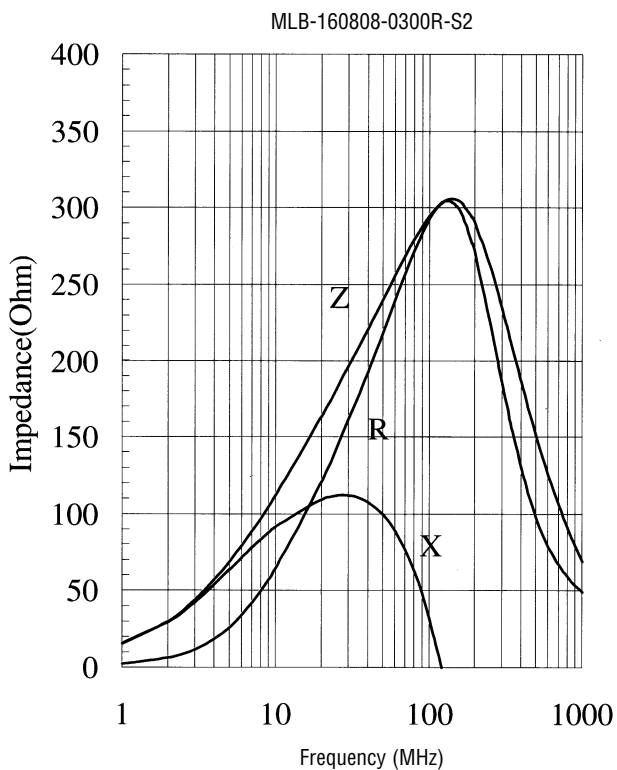
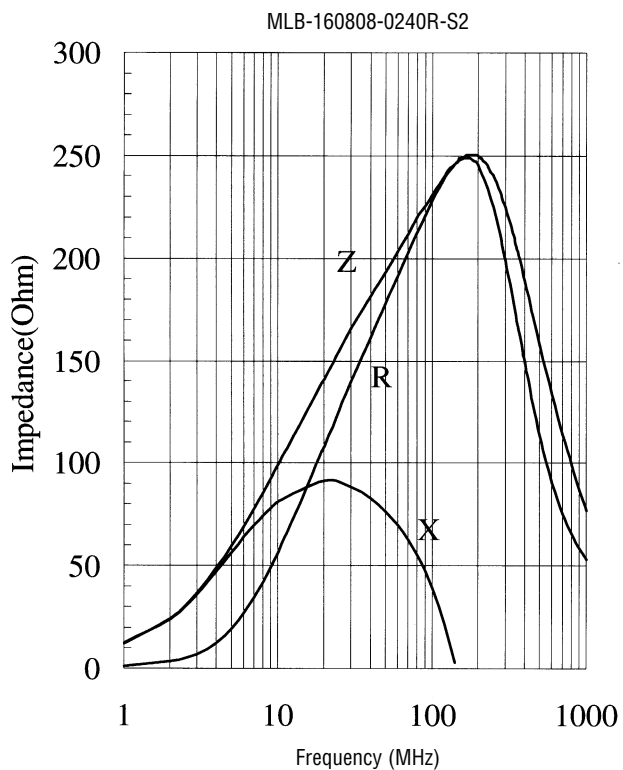
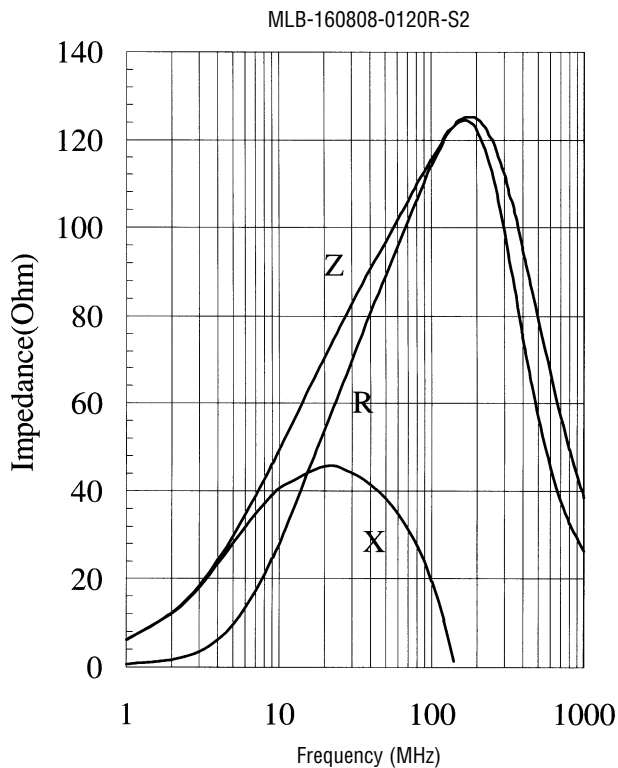
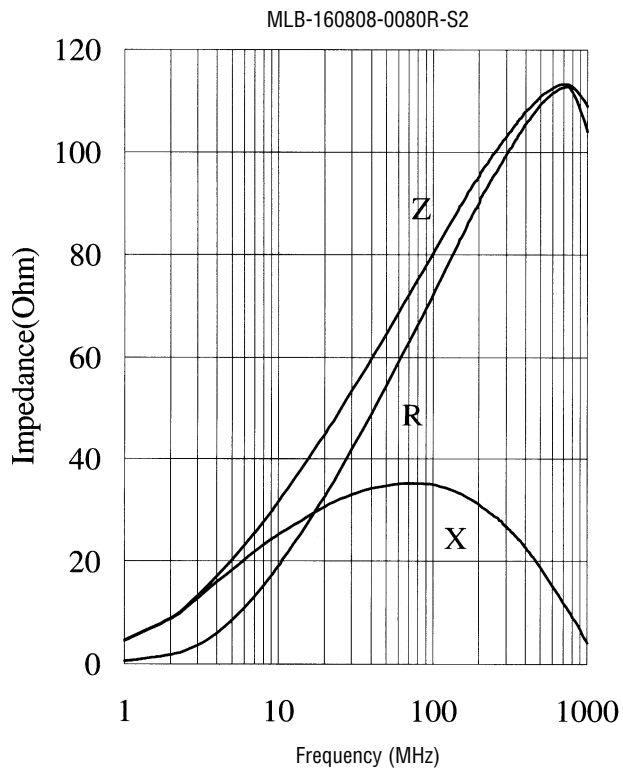


ELECTRICAL CHARACTERISTICS

Part Number	Impedance (Ω) at 100 MHz	DC Resistance (Ω) Max.	Rated Current (mA) Max.	Operating Temp. Range (°C)
MLB-160808-0080R-S2	80 ± 25%	0.3	200	-25 to +85
MLB-160808-0120R-S2	120 ± 25%	0.4	200	-25 to +85
MLB-160808-0240R-S2	240 ± 25%	0.4	200	-25 to +85
MLB-160808-0300R-S2	300 ± 25%	0.5	200	-25 to +85
MLB-160808-0600R-S2	600 ± 25%	0.8	200	-25 to +85

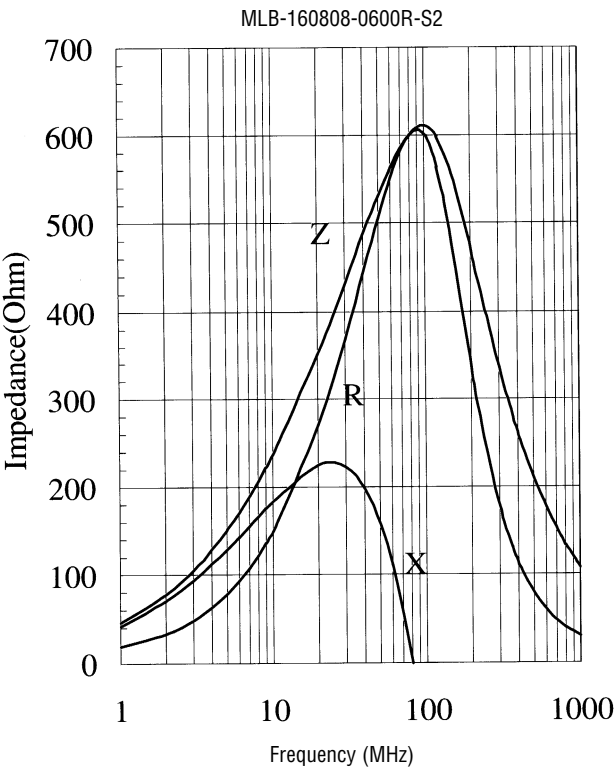
TYPICAL ELECTRICAL CHARACTERISTIC CURVES

TEST INSTRUMENT: HP-4291A



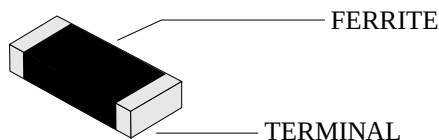
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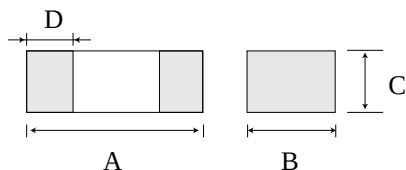


MLB-201209-R SERIES

DIMENSION:



A: 2.0 ± 0.20 (0.079 $\pm$ 0.008)
B: 1.2 ± 0.20 (0.047 $\pm$ 0.008)
C: 0.9 ± 0.20 (0.035 $\pm$ 0.008)
D: 0.5 ± 0.30 (0.020 $\pm$ 0.012)
in mm (inch)

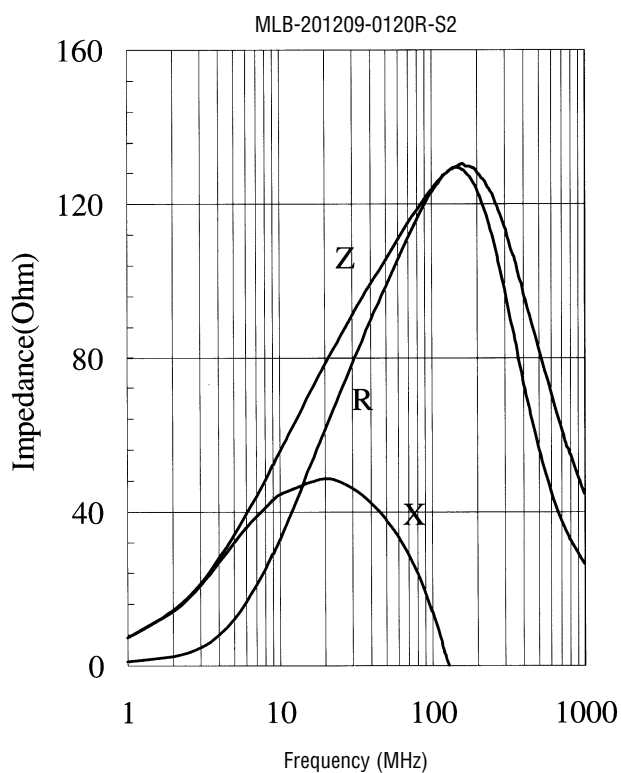
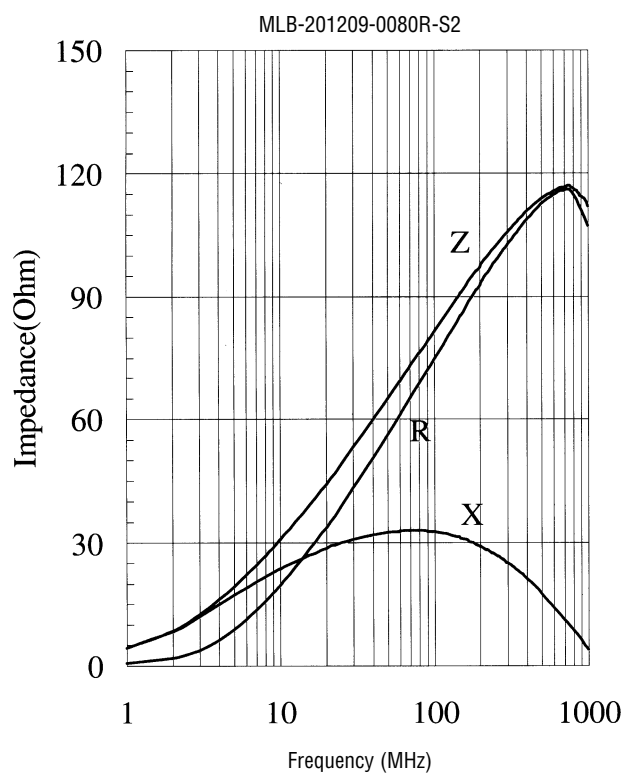


ELECTRICAL CHARACTERISTICS

Part Number	Impedance (Ω) at 100 MHz	DC Resistance (Ω) Max.	Rated Current (mA) Max.	Operating Temp. Range ($^{\circ}\text{C}$)
MLB-201209-0080R-S2	$80 \pm 25\%$	0.2	300	-25 to +85
MLB-201209-0120R-S2	$120 \pm 25\%$	0.3	300	-25 to +85
MLB-201209-0240R-S2	$240 \pm 25\%$	0.4	200	-25 to +85
MLB-201209-0300R-S2	$300 \pm 25\%$	0.5	200	-25 to +85
MLB-201209-0430R-S2	$430 \pm 25\%$	0.5	200	-25 to +85
MLB-201209-0600R-S2	$600 \pm 25\%$	0.5	200	-25 to +85

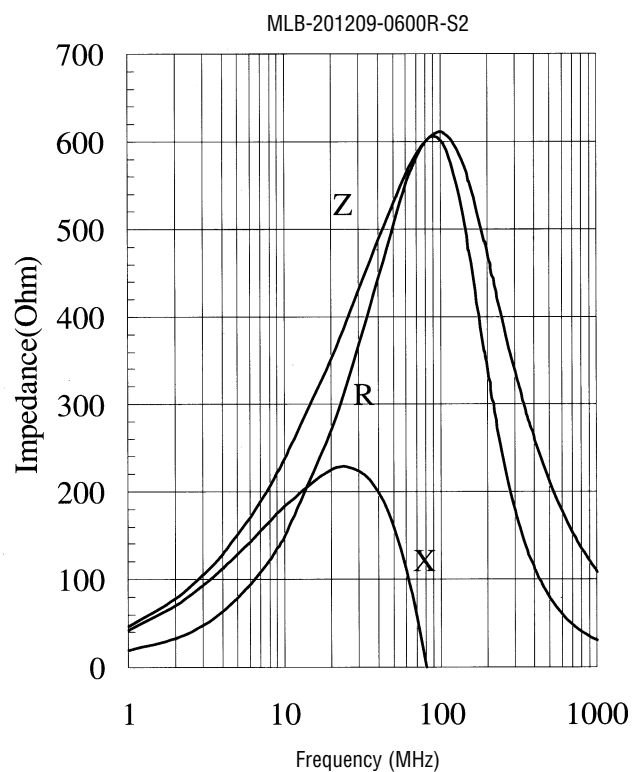
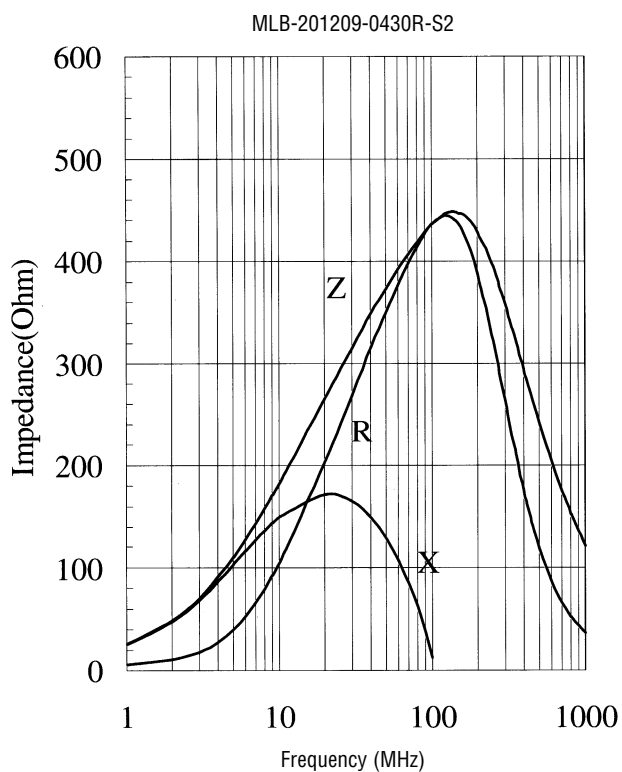
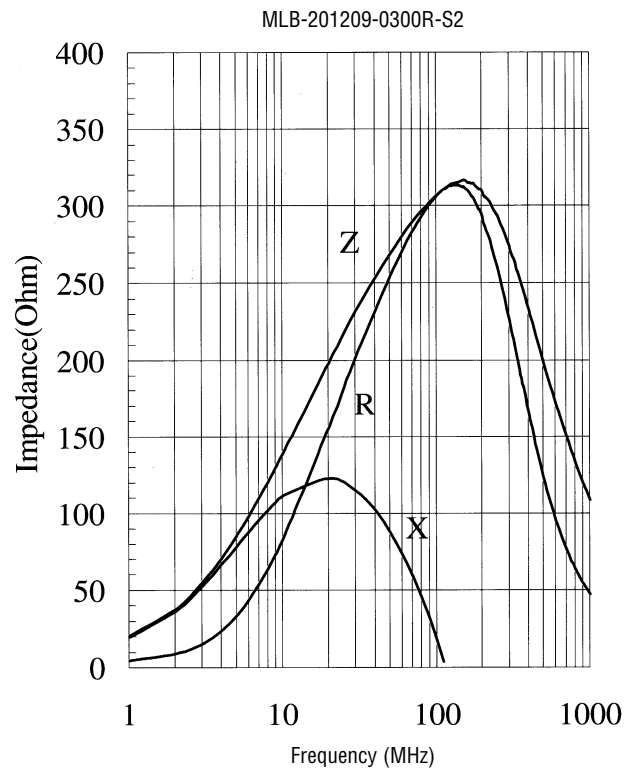
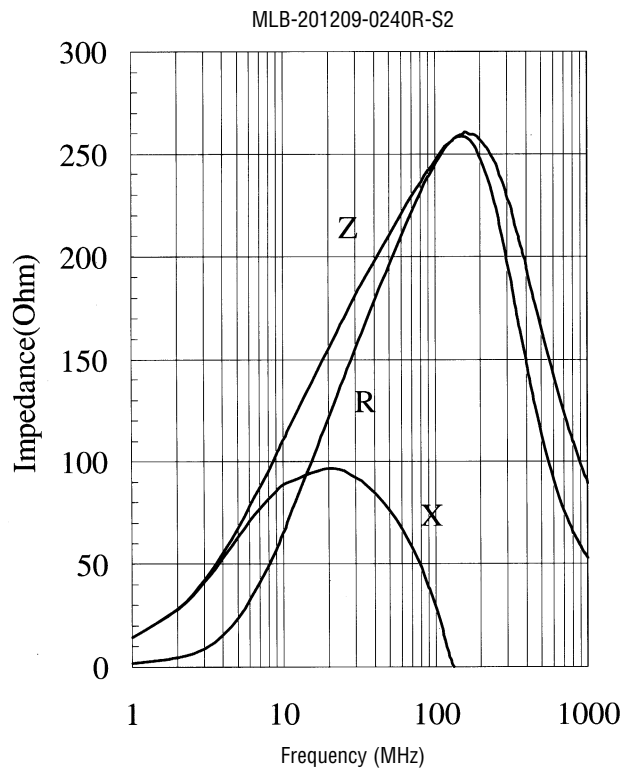
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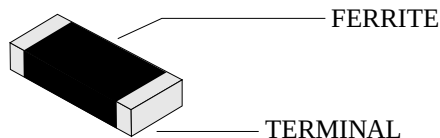
TYPICAL ELECTRICAL CHARACTERISTIC CURVES

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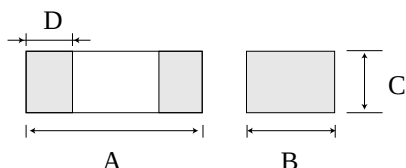


MLB-321611-R SERIES

DIMENSION:



A: 3.2 ± 0.20 (0.126 $\pm$ 0.008)
B: 1.6 ± 0.20 (0.063 $\pm$ 0.008)
C: 1.1 ± 0.20 (0.043 $\pm$ 0.008)
D: 0.5 ± 0.30 (0.020 $\pm$ 0.012)
in mm (inch)

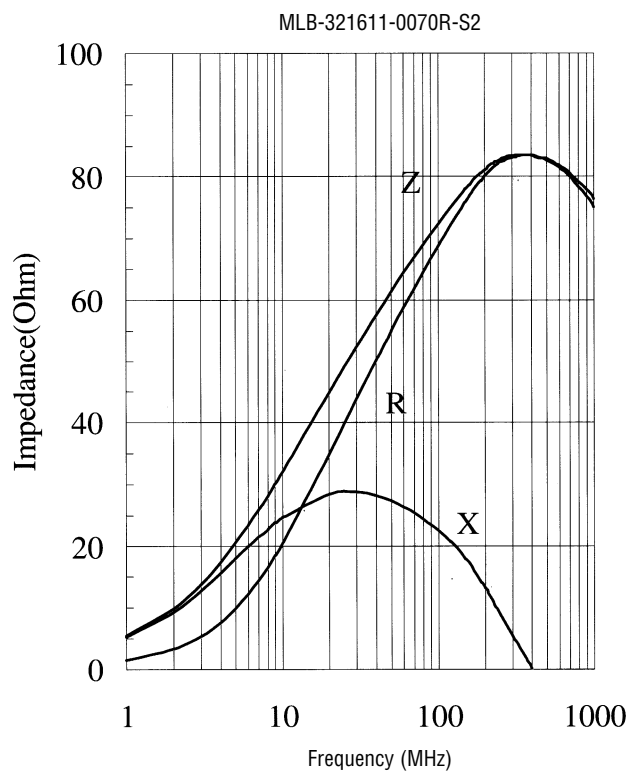
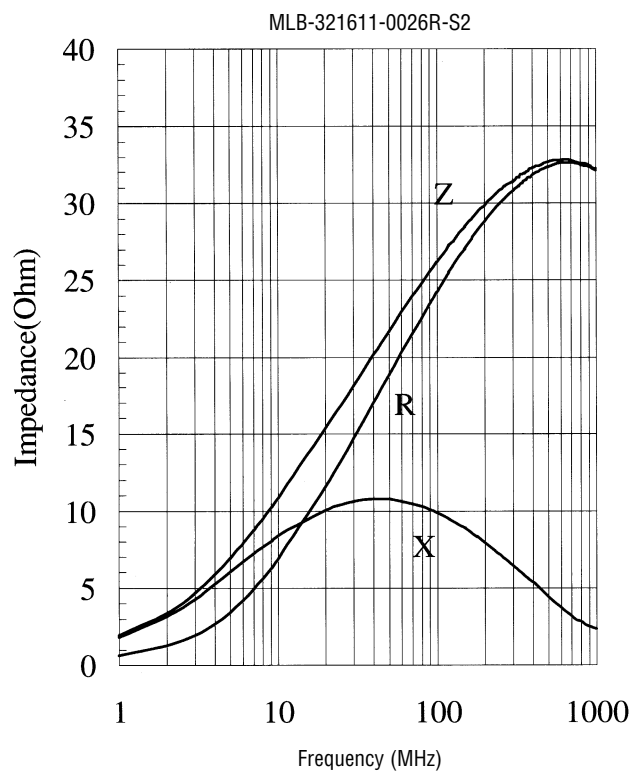


ELECTRICAL CHARACTERISTICS

Part Number	Impedance (Ω) at 100 MHz	DC Resistance (Ω) Max.	Rated Current (mA) Max.	Operating Temp. Range ($^{\circ}\text{C}$)
MLB-321611-0026R-S2	$26 \pm 25\%$	0.2	400	-25 to +85
MLB-321611-0070R-S2	$70 \pm 25\%$	0.2	300	-25 to +85
MLB-321611-0600R-S2	$600 \pm 25\%$	0.9	200	-25 to +85

TYPICAL ELECTRICAL CHARACTERISTIC CURVES

TEST INSTRUMENT: HP-4291A



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