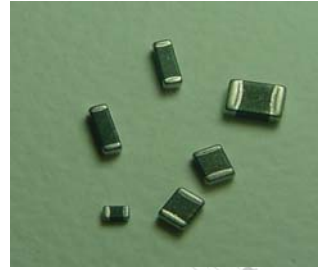


# Multilayer Ferrite Beads

## Features

- The small size chips generating high impedance.
- Either flow or reflow soldering methods can be use due to electroplating of the terminal electrodes.
- High reliability due to an entirely monolithic structure.
- Low DC resistance structure of electrode prevents wasteful electric power consumption.



## Applications

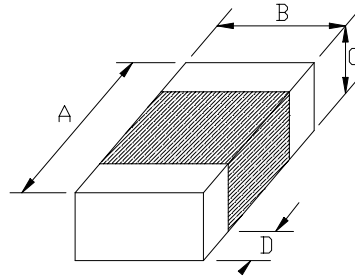
- To suppress EMI/RFI and to prevent self-oscillation in electronics products such as:
- Computers and peripheral equipment,
- VCRS, Television, Pagers, Cellular phones.
- Digital communication equipments.

## Part Number Systems

**MB - 321611 - 0120 - A - LF**  
 (1) (2) (3) (4) (5)

(1)	Product series	(2)	Size
(3)	Nominal Impedance: 0120 = 120 ohm @100MHz	(4)	Material Type
(5)	ROHs Compliant		

## Shape And Dimensions



Unit: mm

Type	A	B	C	D
321611	3.2 ± 0.2	1.6 ± 0.2	1.1 ± 0.2	0.4 ~ 1.0

## Multilayer Ferrite Beads

MB-321611(1206)-Series		ELECTRICAL CHARACTERISTICS	
Part Number	Impedance Z ( $\Omega$ ) at 100MHZ ( $\pm 25\%$ )	DC Resistance ( $\Omega$ ) Max	Rated Current (mA) Max
MB-321611-0019A-LF	19	0.10	800
MB-321611-0026A-LF	26	0.10	800
MB-321611-0031A-LF	31	0.10	800
MB-321611-0052A-LF	52	0.15	800
MB-321611-0060A-LF	60	0.15	500
MB-321611-0070A-LF	70	0.15	500
MB-321611-0100A-LF	100	0.20	450
MB-321611-0120A-LF	120	0.20	450
MB-321611-0150A-LF	150	0.20	450
MB-321611-0220A-LF	220	0.20	350
MB-321611-0300A-LF	300	0.20	350
MB-321611-0400A-LF	400	0.25	350
MB-321611-0600A-LF	600	0.25	350
MB-321611-0750A-LF	750	0.30	350
MB-321611-1000A-LF	1000	0.35	350
MB-321611-1500A-LF	1500 @ 50 MHz	0.40	350
MB-321611-1800A-LF	1800 @ 50 MHz	0.40	350
MB-321611-0019B-LF	19	0.10	500
MB-321611-0031B-LF	31	0.15	500
MB-321611-0060B-LF	60	0.20	500
MB-321611-0100B-LF	100	0.25	300
MB-321611-0120B-LF	120	0.25	300
MB-321611-0200B-LF	200	0.25	300
MB-321611-0300B-LF	300	0.30	300
MB-321611-0600B-LF	600	0.35	300
MB-321611-0750B-LF	750	0.35	300
MB-321611-1000B-LF	1000	0.40	200
MB-321611-1500B-LF	1500	0.45	200
MB-321611-2000B-LF	2000	0.45	200
MB-321611-2000DB-LF	2000 @ 30 MHz	0.65	200

\* All specifications are subjected to change without prior notice.

## Multilayer Ferrite Beads

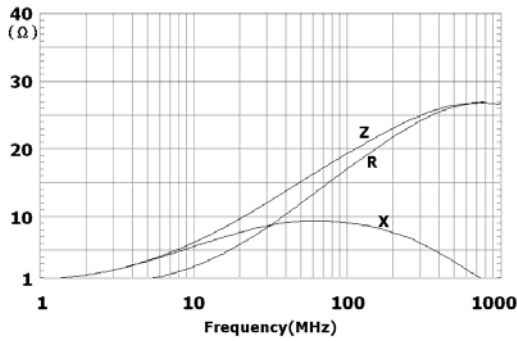
MB-321611(1206)-Series		ELECTRICAL CHARACTERISTICS	
Part Number	Impedance Z ( $\Omega$ ) at 100MHZ ( $\pm 25\%$ )	DC Resistance ( $\Omega$ ) Max	Rated Current (mA) Max
MB-321611-0600K-LF	600	0.50	200
MB-321611-1000K-LF	1000	0.70	200
MB-321611-1200K-LF	1200	0.70	200
MB-321611-0005H-LF	5	0.70	500
MB-321611-0007H-LF	7	0.70	500
MB-321611-0300H-LF	300	0.30	300
MB-321611-0600H-LF	600	0.45	300

\* All specifications are subjected to change without prior notice.

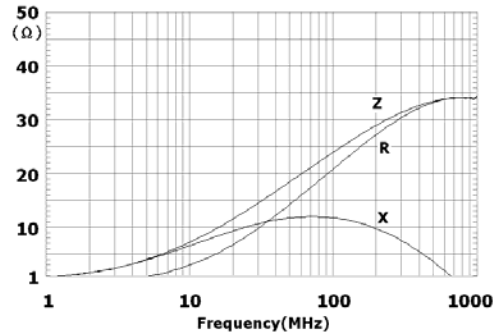
# Multilayer Ferrite Beads

## Typical Electrical Characteristics (MB-321611(1206)-Series)

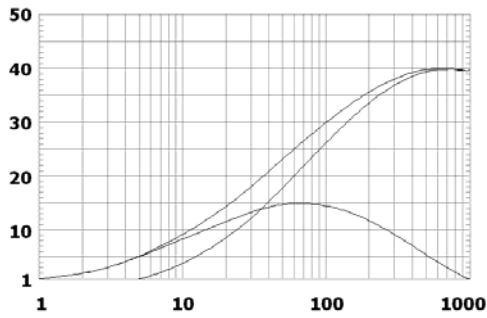
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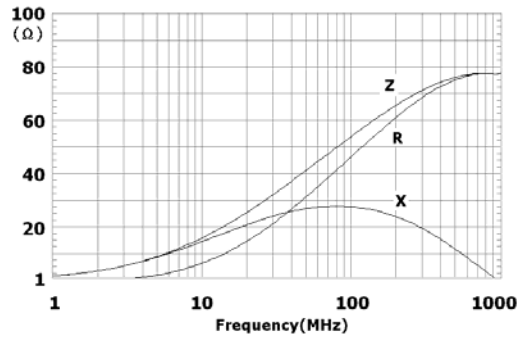
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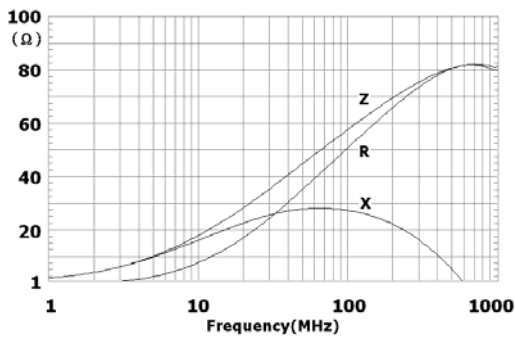
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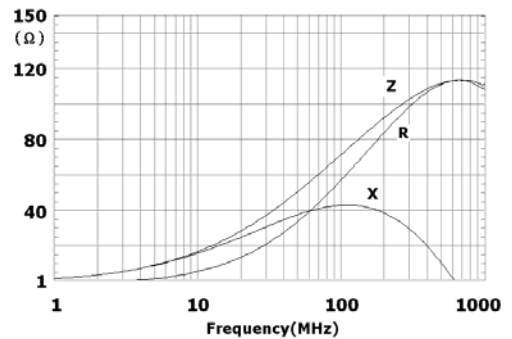
MB-321611-0052A-LF



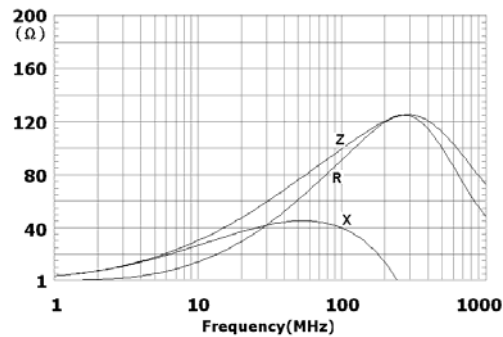
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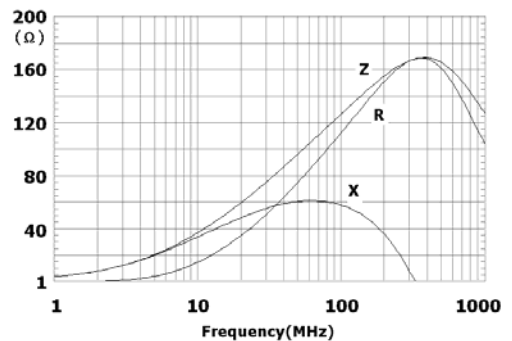
MB-321611-0070A-LF



MB-321611-0100A-LF



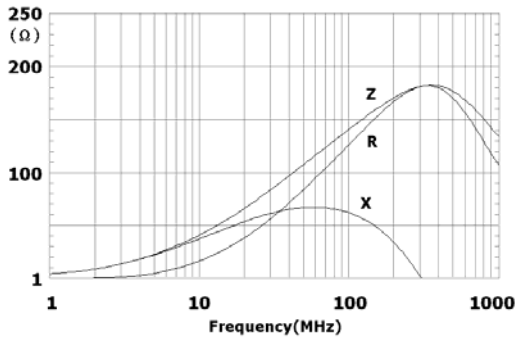
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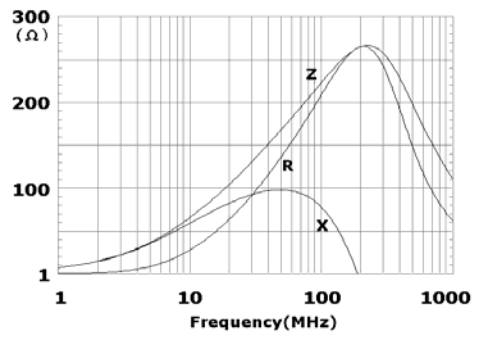
# Multilayer Ferrite Beads

## Typical Electrical Characteristics (MB-321611(1206)-Series)

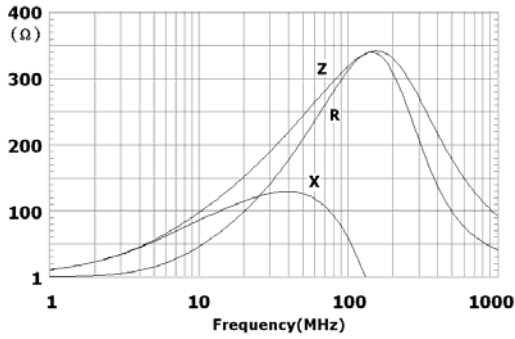
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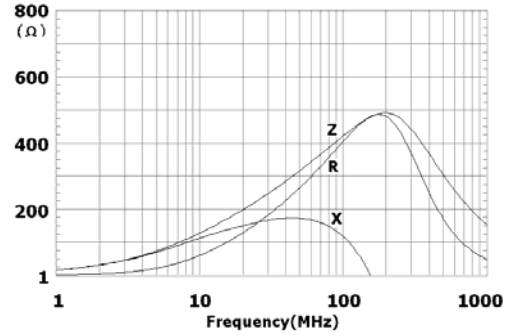
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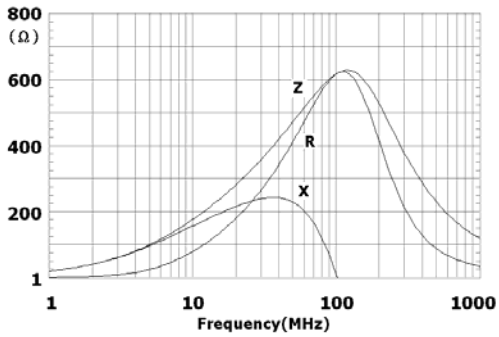
MB-321611-0300A-LF



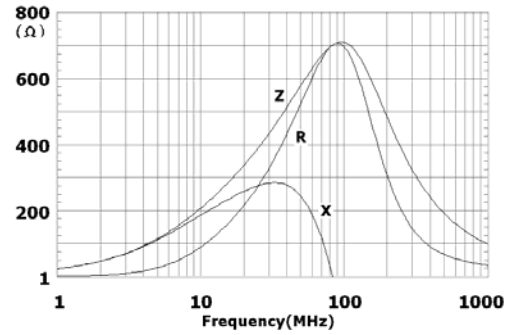
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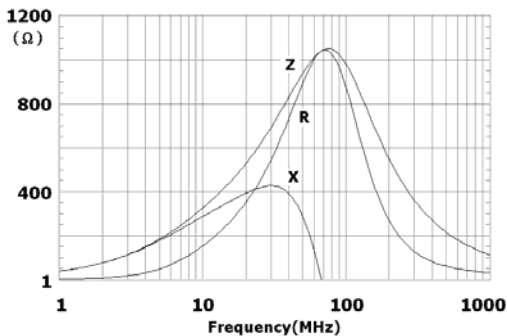
MB-321611-0600A-LF



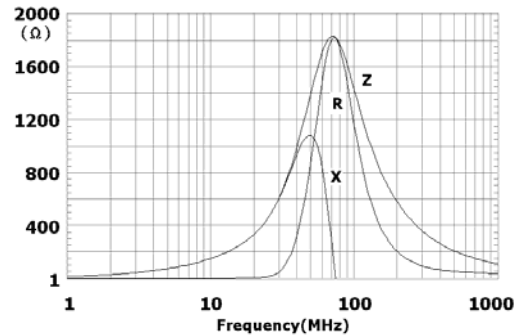
MB-321611-0750A-LF



MB-321611-1000A-LF



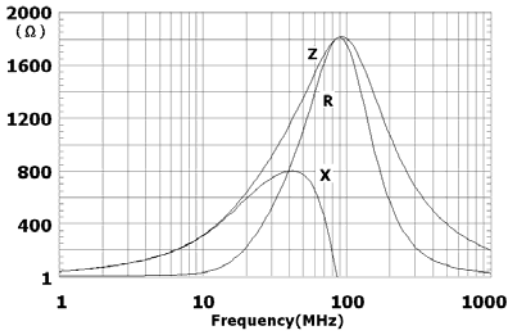
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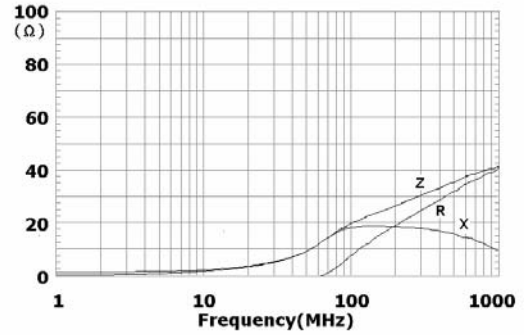
# Multilayer Ferrite Beads

## Typical Electrical Characteristics (MB-321611(1206)-Series)

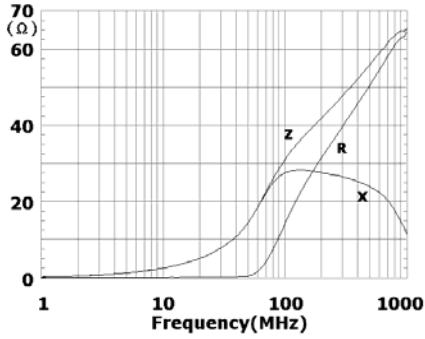
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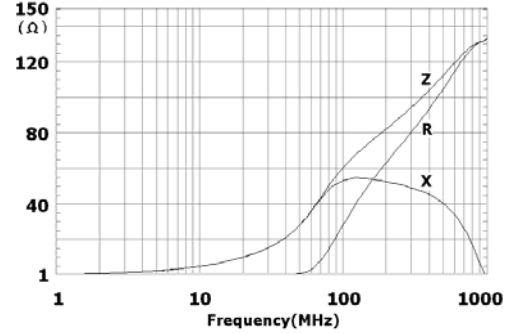
MB-321611-0019B-LF



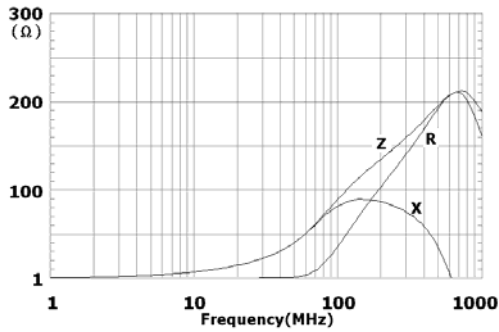
MB-321611-0031B-LF



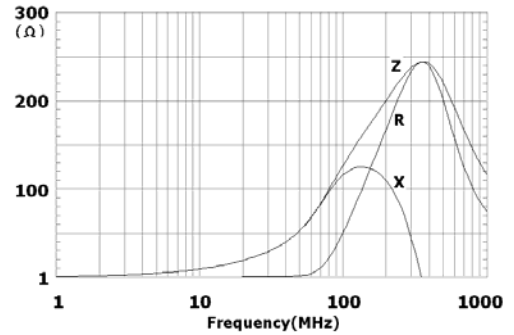
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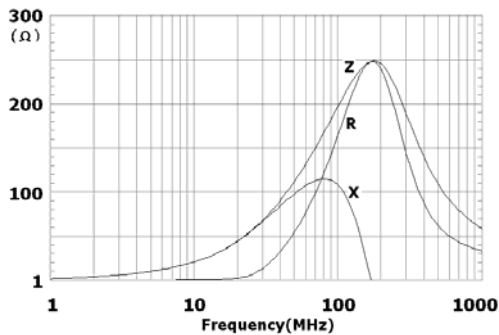
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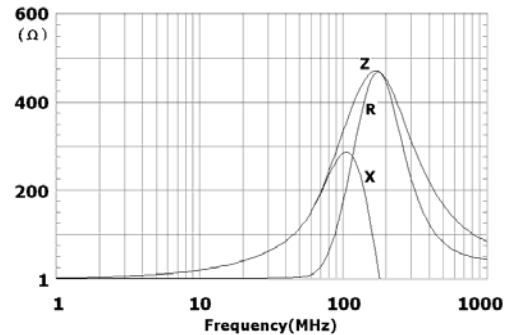
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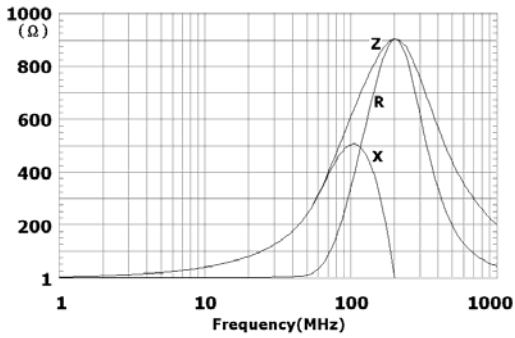
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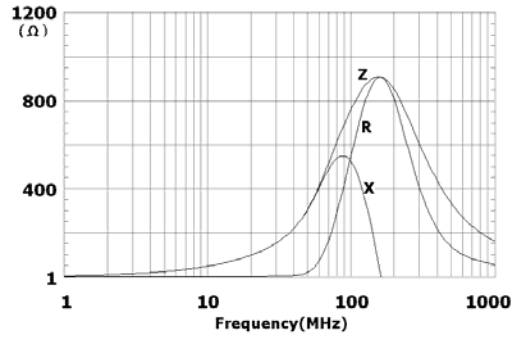
# Multilayer Ferrite Beads

## Typical Electrical Characteristics (MB-321611(1206)-Series)

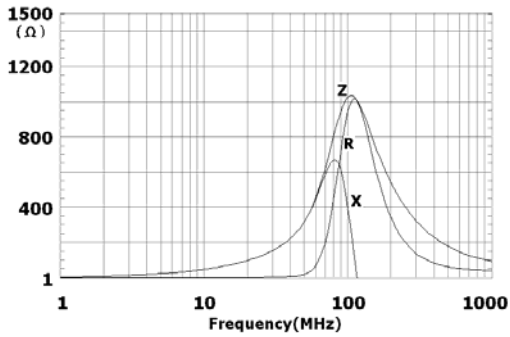
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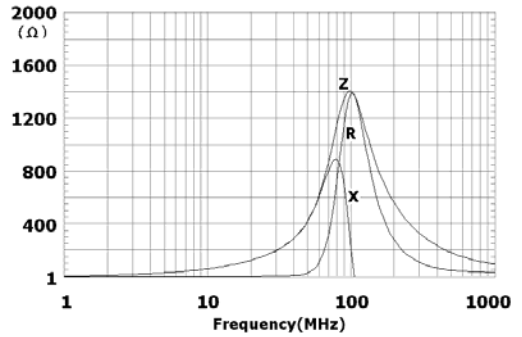
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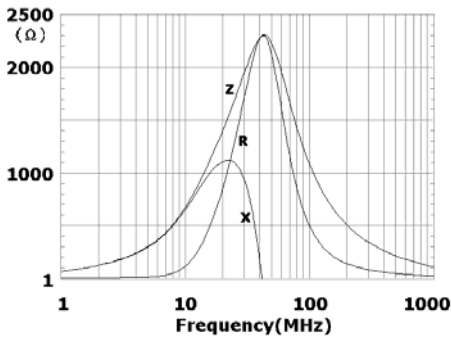
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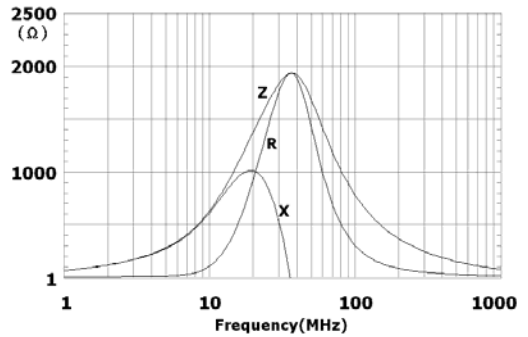
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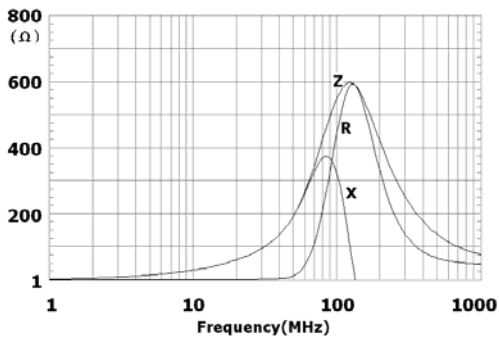
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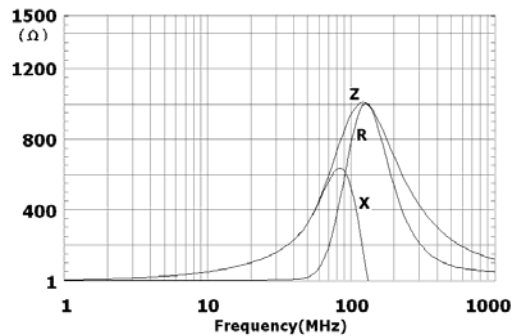
MB-321611-2000DB-LF



MB-321611-0600K-LF



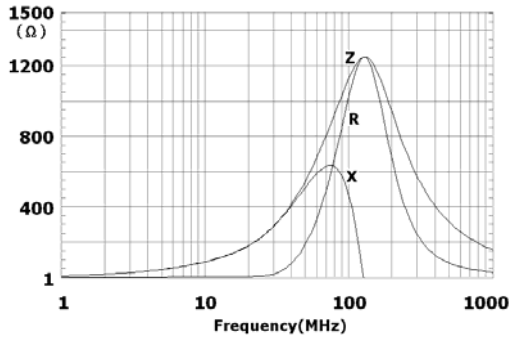
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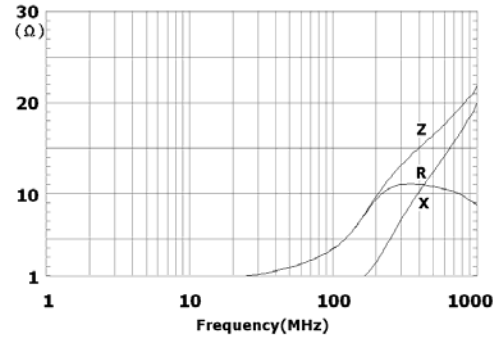
# Multilayer Ferrite Beads

## Typical Electrical Characteristics (MB-321611(1206)-Series)

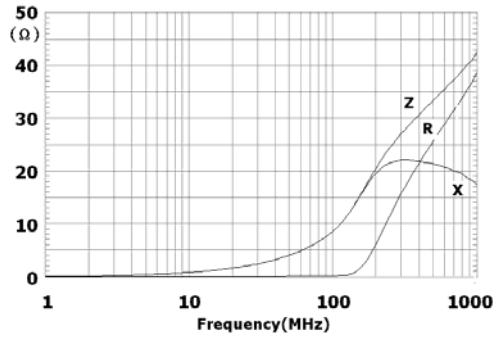
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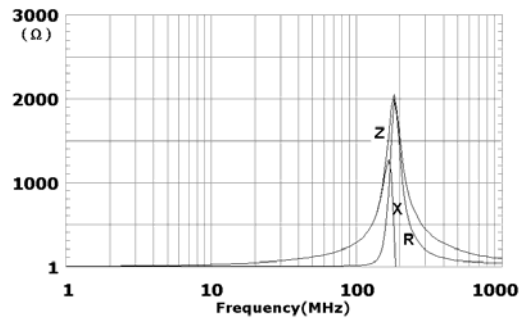
MB-321611-0005H-LF



MB-321611-0007H-LF



MB-321611-0300H-LF



MB-321611-0600H-LF

