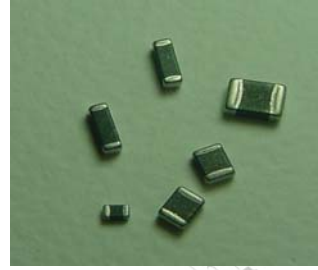


Multilayer Ferrite Beads

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

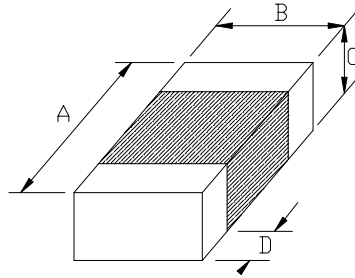
- To suppress EMI/RFI and to prevent self-oscillation in electronics products such as:
- Computers and peripheral equipment,
- VCRS, Television, Pagers, Cellular phones.
- Digital communication equipments.

Part Number Systems

MB - 201209 - 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
201209	2.0 ± 0.2	1.25 ± 0.2	0.9 ± 0.2	0.2 ~ 0.8

Multilayer Ferrite Beads

MB-201209(0805)-Series		ELECTRICAL CHARACTERISTICS	
Part Number	Impedance Z (Ω) at 100MHZ ($\pm 25\%$)	DC Resistance (Ω) Max	Rated Current (mA) Max
MB-201209-0007A-LF	7	0.10	300
MB-201209-0011A-LF	11	0.10	300
MB-201209-0017A-LF	17	0.10	300
MB-201209-0026A-LF	26	0.10	300
MB-201209-0031A-LF	31	0.10	300
MB-201209-0052A-LF	52	0.15	300
MB-201209-0060A-LF	60	0.15	300
MB-201209-0080A-LF	80	0.15	300
MB-201209-0100A-LF	100	0.20	300
MB-201209-0120A-LF	120	0.20	300
MB-201209-0150A-LF	150	0.20	300
MB-201209-0220A-LF	220	0.25	300
MB-201209-0300A-LF	300	0.25	300
MB-201209-0400A-LF	400	0.30	300
MB-201209-0530A-LF	530	0.35	300
MB-201209-0600A-LF	600	0.35	300
MB-201209-1000A-LF	1000	0.45	300
MB-201209-1500A-LF	1500	0.70	300
MB-201209-0005B-LF	5	0.07	500
MB-201209-0030B-LF	30	0.15	300
MB-201209-0060B-LF	60	0.15	300
MB-201209-0075B-LF	75	0.20	300
MB-201209-0100B-LF	100	0.20	300
MB-201209-0120B-LF	120	0.20	250
MB-201209-0220B-LF	220	0.25	200
MB-201209-0300B-LF	300	0.25	200
MB-201209-0600B-LF	600	0.25	200
MB-201209-0750B-LF	750	0.30	200
MB-201209-1000B-LF	1000	0.30	200
MB-201209-1500B-LF	1500	0.35	200

* All specifications are subjected to change without prior notice.

Multilayer Ferrite Beads

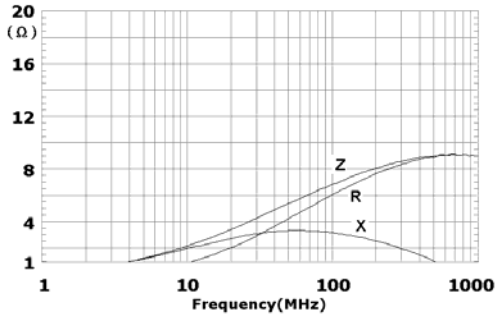
MB-201209(0805)-Series		ELECTRICAL CHARACTERISTICS	
Part Number	Impedance Z (Ω) at 100MHZ ($\pm 25\%$)	DC Resistance (Ω) Max	Rated Current (mA) Max
MB-201209-1800B-LF	1800	0.40	200
MB-201209-2000B-LF	2000	0.40	200
MB-201209-2200B-LF	2200	0.50	200
MB-201209-2500B-LF	2500	0.60	200
MB-201209-2700B-LF	2700	0.60	200
MB-201209-0080K-LF	80	0.30	300
MB-201209-0600K-LF	600	0.35	200
MB-201209-0750K-LF	750	0.35	200
MB-201209-1000K-LF	1000	0.40	200
MB-201209-1200K-LF	1200	0.40	200
MB-201209-1500K-LF	1500	0.45	200
MB-201209-2000K-LF	2000	0.60	200
MB-201209-0005H-LF	5	0.07	500
MB-201209-0007H-LF	7	0.07	500
MB-201209-0120H-LF	120	0.35	300
MB-201209-0600H-LF	600	0.65	200

* All specifications are subjected to change without prior notice.

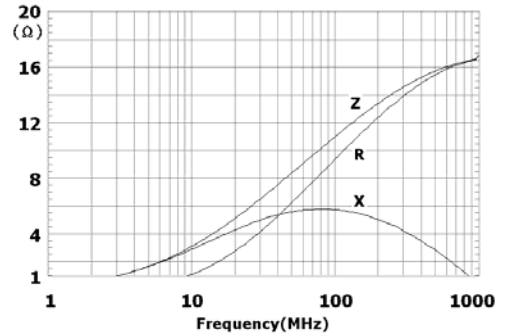
Multilayer Ferrite Beads

Typical Electrical Characteristics (MB-201209(0805)-Series)

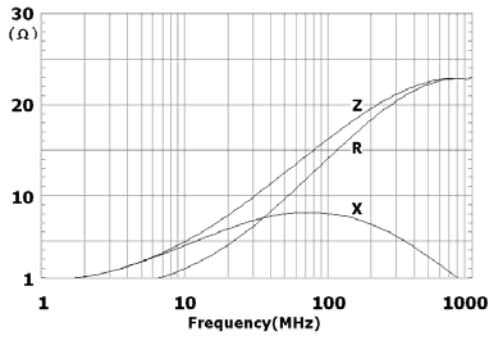
MB-201209-0070A-LF



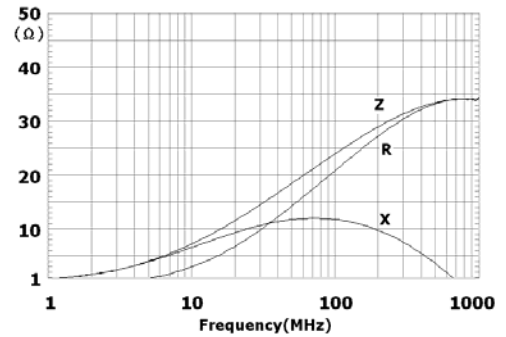
MB-201209-0011A-LF



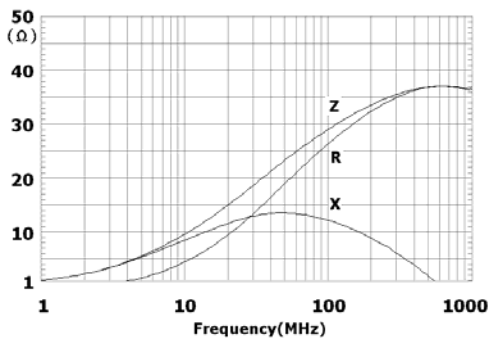
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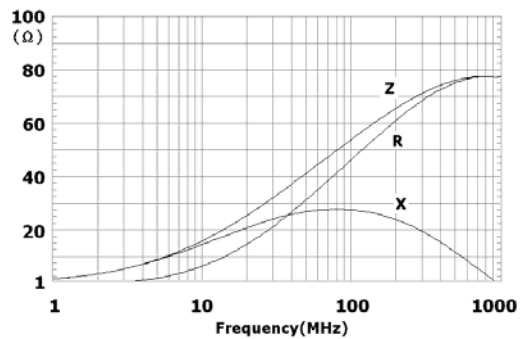
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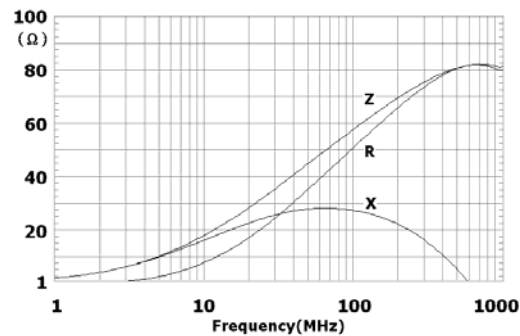
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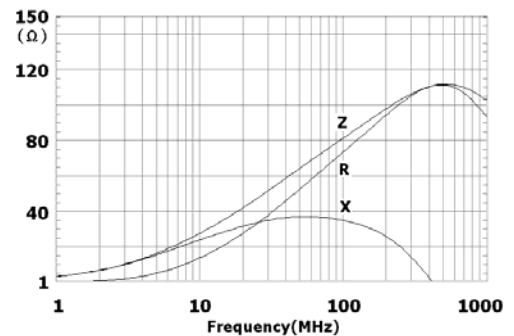
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MB-201209-0060A-LF



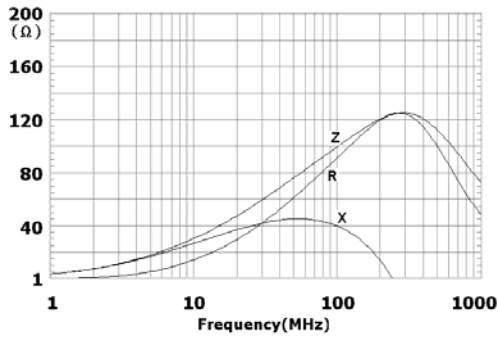
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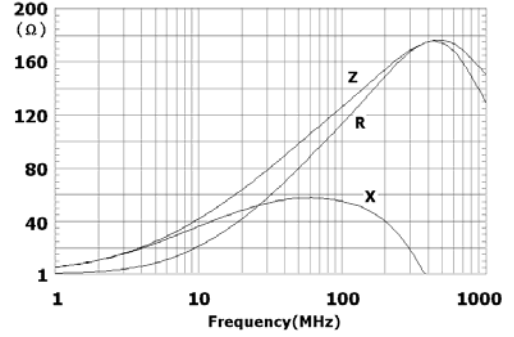
Multilayer Ferrite Beads

Typical Electrical Characteristics (MB-201209(0805)-Series)

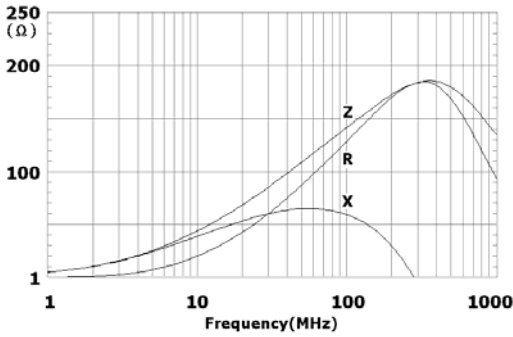
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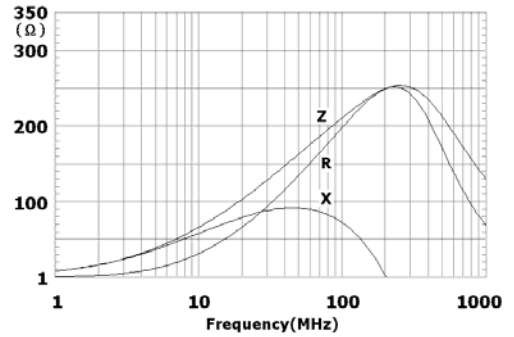
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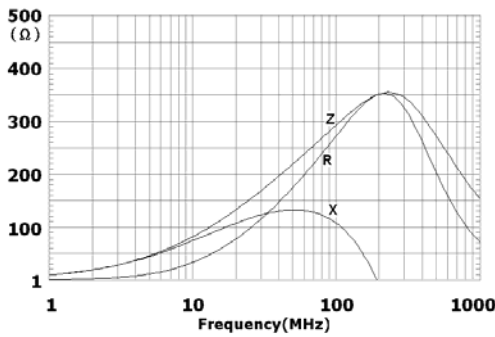
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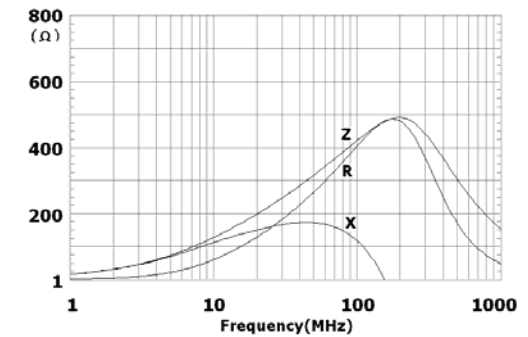
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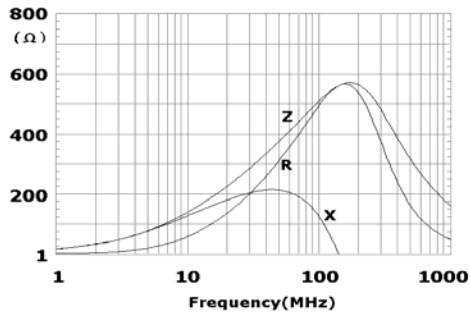
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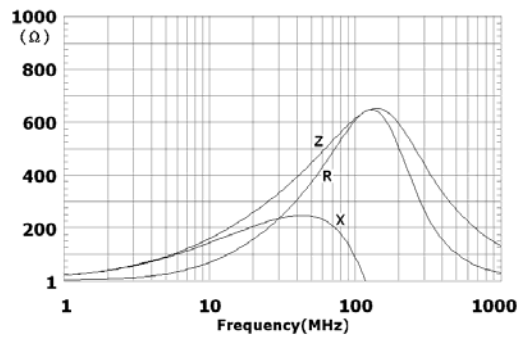
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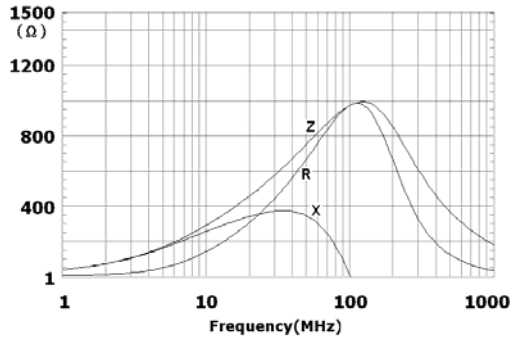
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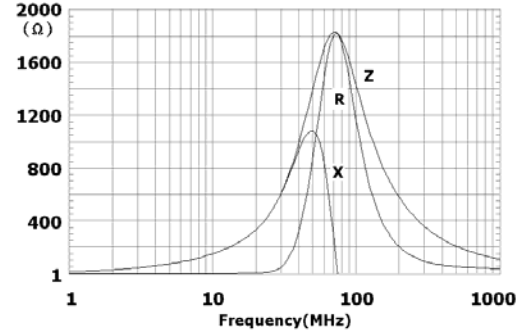
Multilayer Ferrite Beads

Typical Electrical Characteristics (MB-201209(0805)-Series)

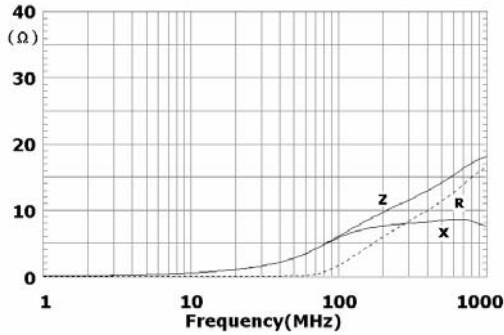
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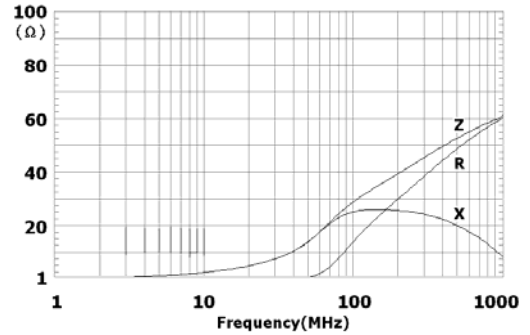
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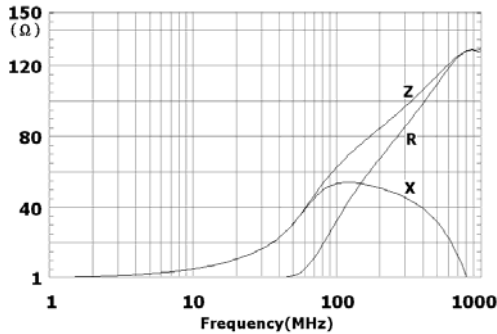
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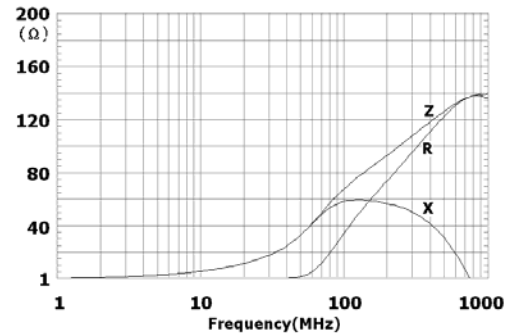
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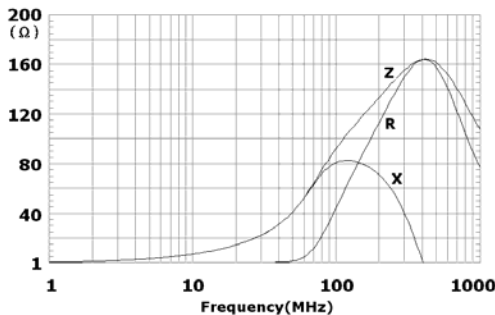
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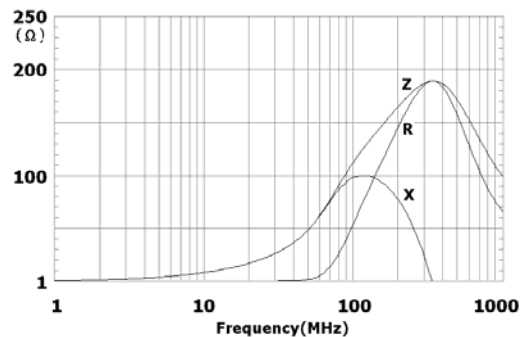
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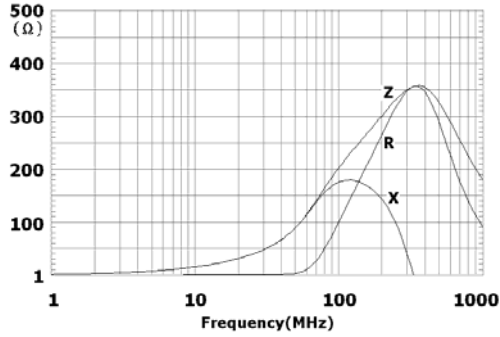
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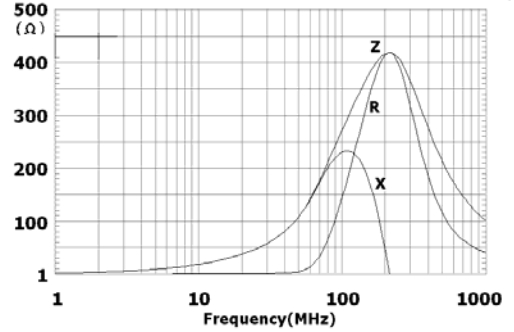
Multilayer Ferrite Beads

Typical Electrical Characteristics (MB-201209(0805)-Series)

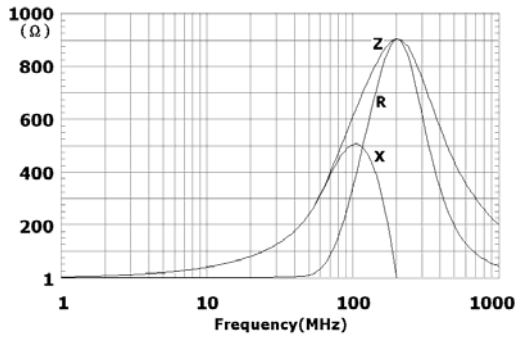
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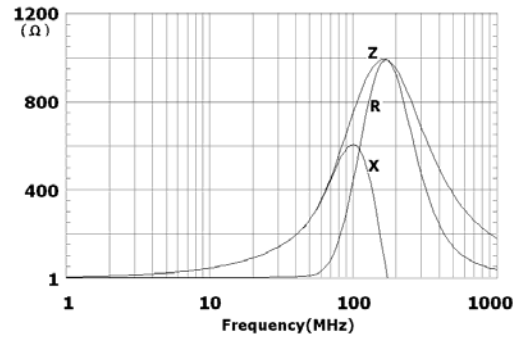
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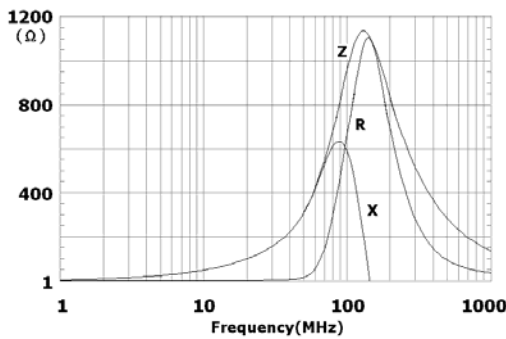
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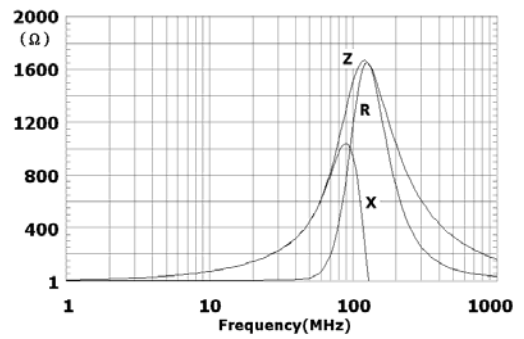
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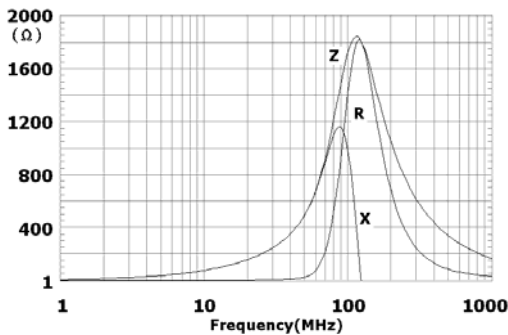
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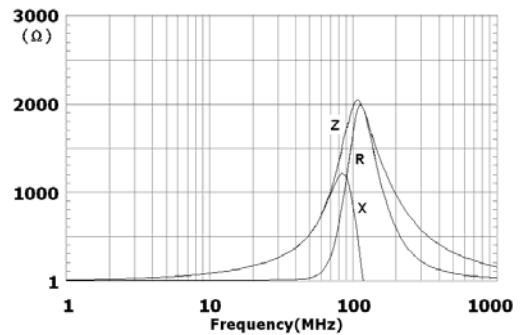
MB-201209-1500B-LF



MB-201209-1800B-LF



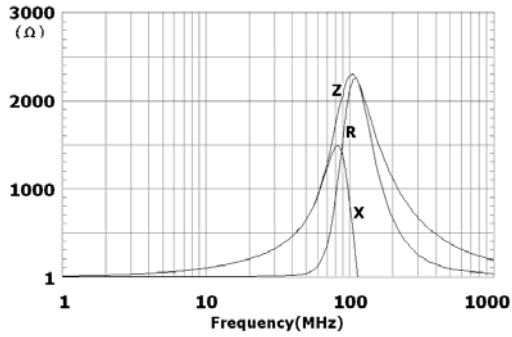
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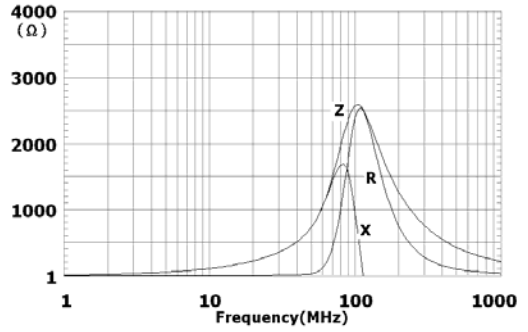
Multilayer Ferrite Beads

Typical Electrical Characteristics (MB-201209(0805)-Series)

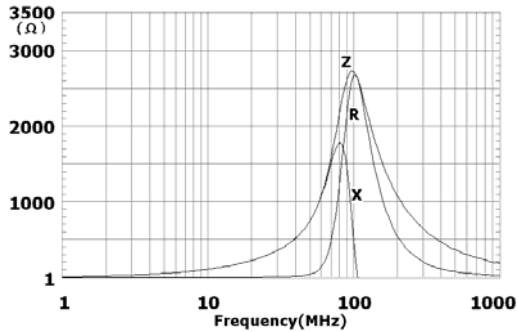
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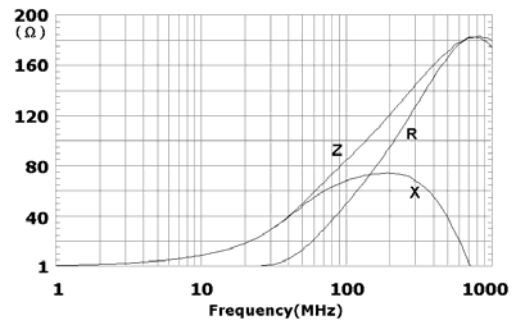
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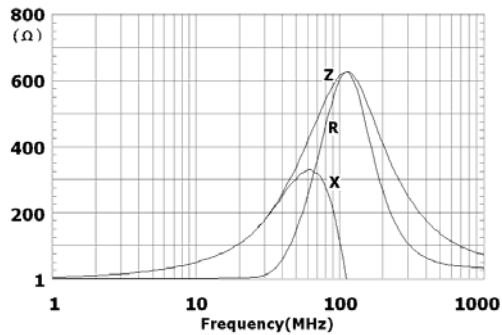
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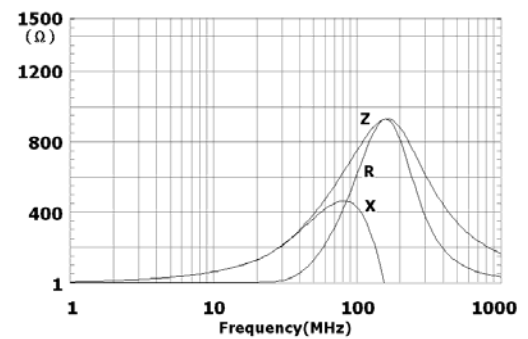
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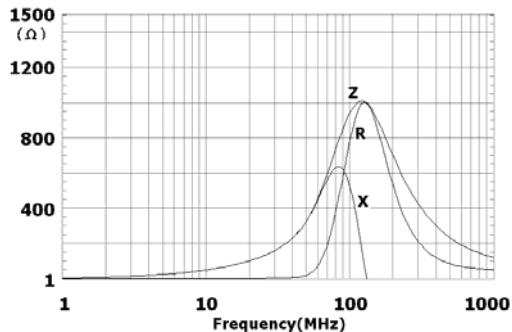
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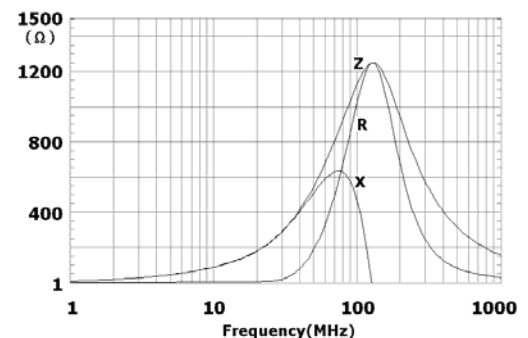
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MB-201209-1000K-LF



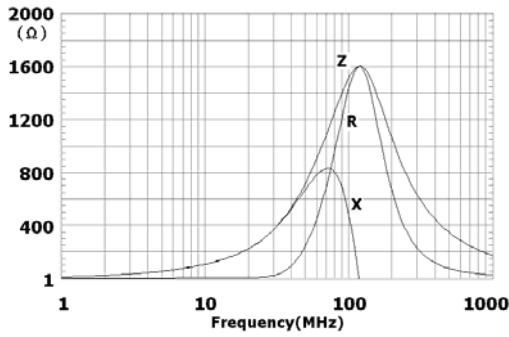
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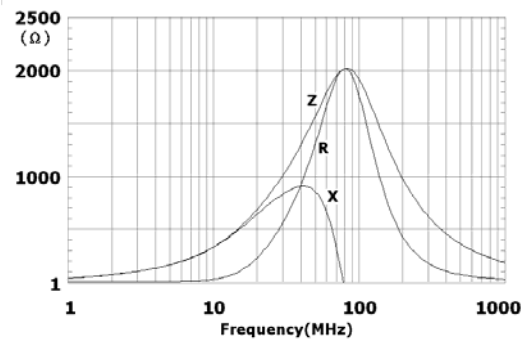
Multilayer Ferrite Beads

Typical Electrical Characteristics (MB-201209(0805)-Series)

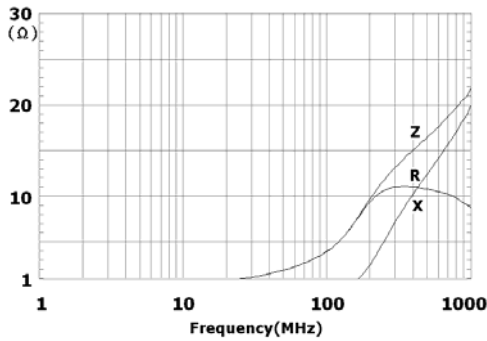
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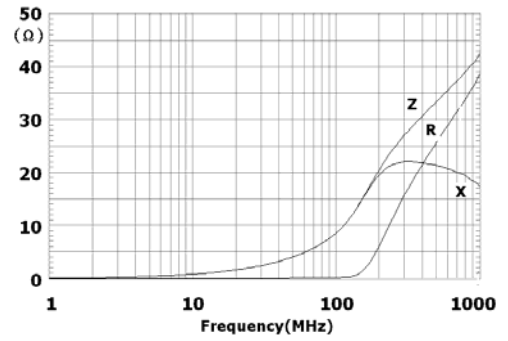
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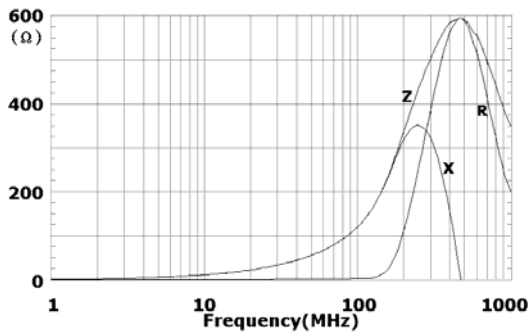
MB-201209-0005H-LF



MB-201209-0007H-LF



MB-201209-0120H-LF



MB-201209-0600H-LF

