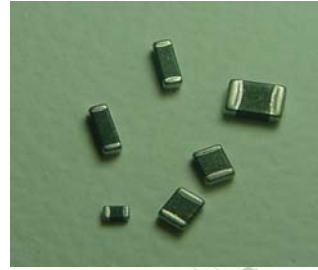


Multilayer Ferrite Beads

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

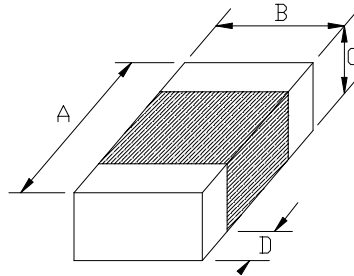
- To suppress EMI/RFI and to prevent self-oscillation in electronics products such as:
- Computers and peripheral equipment,
- VCRS, Television, Pagers, Cellular phones.
- Digital communication equipments.

Part Number Systems

MB - 160808 - 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
160808	1.6 ± 0.15	0.8 ± 0.15	0.8 ± 0.15	0.1 ~ 0.6

Multilayer Ferrite Beads

MB-160808(0603)-Series		ELECTRICAL CHARACTERISTICS	
Part Number	Impedance Z (Ω) at 100MHZ ($\pm 25\%$)	DC Resistance (Ω) Max	Rated Current (mA) Max
MB-160808-0011A-LF	11	0.10	500
MB-160808-0031A-LF	31	0.10	400
MB-160808-0052A-LF	52	0.15	400
MB-160808-0060A-LF	60	0.15	400
MB-160808-0080A-LF	80	0.15	400
MB-160808-0100A-LF	100	0.15	400
MB-160808-0120A-LF	120	0.15	400
MB-160808-0150A-LF	150	0.15	400
MB-160808-0180A-LF	180	0.20	400
MB-160808-0200A-LF	200	0.20	400
MB-160808-0220A-LF	220	0.20	400
MB-160808-0300A-LF	300	0.30	400
MB-160808-0400A-LF	400	0.30	400
MB-160808-0450A-LF	450	0.30	400
MB-160808-0600A-LF	600	0.35	400
MB-160808-0750A-LF	750	0.35	400
MB-160808-1000A-LF	1000	0.55	300
MB-160808-1500A-LF	1500	0.60	200
MB-160808-0005B-LF	5	0.08	700
MB-160808-0030B-LF	30	0.20	500
MB-160808-0060B-LF	60	0.25	450
MB-160808-0100B-LF	100	0.30	450
MB-160808-0120B-LF	120	0.30	450
MB-160808-0150B-LF	150	0.35	450
MB-160808-0220B-LF	220	0.35	450
MB-160808-0300B-LF	300	0.35	450
MB-160808-0470B-LF	470	0.35	450
MB-160808-0600B-LF	600	0.4	450
MB-160808-1000B-LF	1000	0.6	300

* All specifications are subjected to change without prior notice.

Multilayer Ferrite Beads

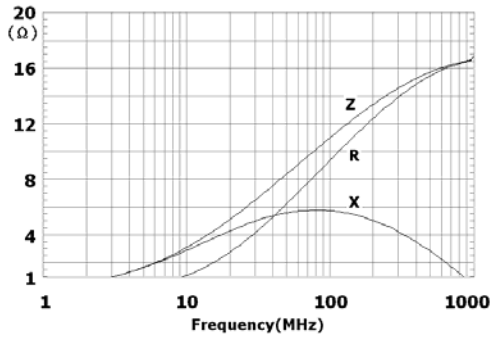
MB-160808(0603)-Series		ELECTRICAL CHARACTERISTICS	
Part Number	Impedance Z (Ω) at 100MHZ ($\pm 25\%$)	DC Resistance (Ω) Max	Rated Current (mA) Max
MB-160808-0470K-LF	470	0.55	200
MB-160808-0600K-LF	600	0.65	200
MB-160808-0750K-LF	750	0.70	200
MB-160808-1000K-LF	1000	0.85	100
MB-160808-1500K-LF	1500	0.90	100
MB-160808-2000K-LF	2000	1.00	100
MB-160808-2500K-LF	2500	1.00	50
MB-160808-0007H-LF	7	0.10	900
MB-160808-0010H-LF	10	0.10	900
MB-160808-0068H-LF	68	0.10	700
MB-160808-0120H-LF	120	0.30	300
MB-160808-0300H-LF	300	0.35	300
MB-160808-0600H-LF	600	0.65	300
MB-160808-1000H-LF	1000	1.10	50

* All specifications are subjected to change without prior notice.

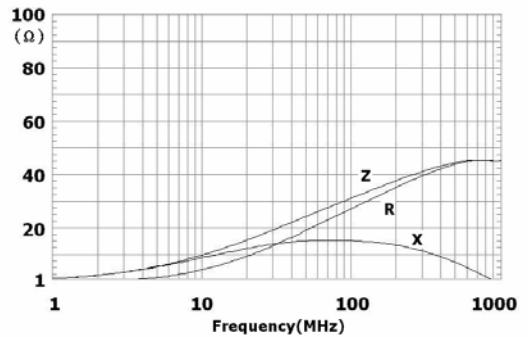
Multilayer Ferrite Beads

Typical Electrical Characteristics (MB-160808(0603)-Series)

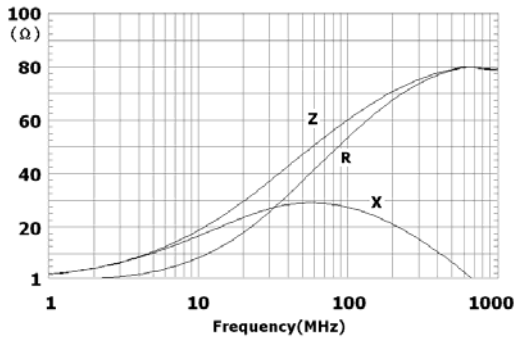
MB-160808-0011A-LF



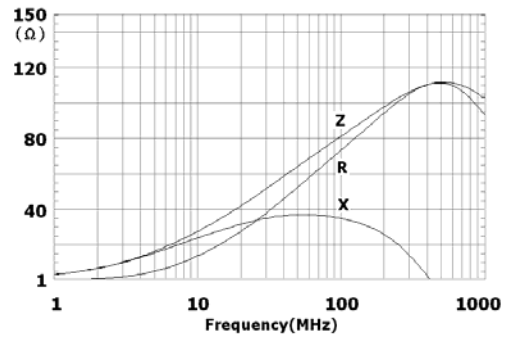
MB-160808-0031A-LF



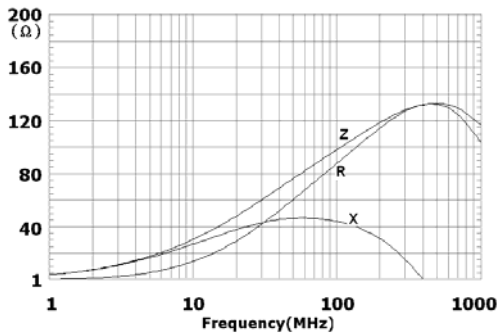
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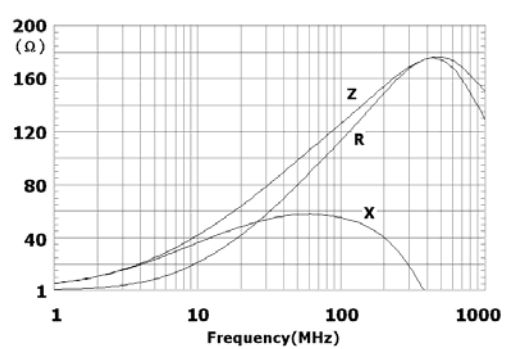
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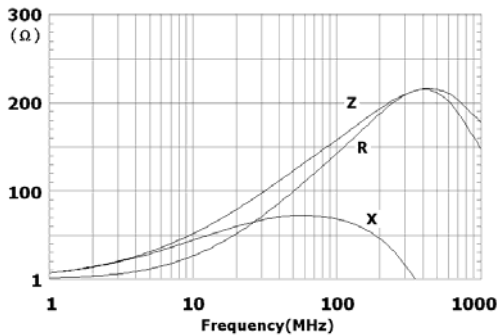
MB-160808-0100A-LF



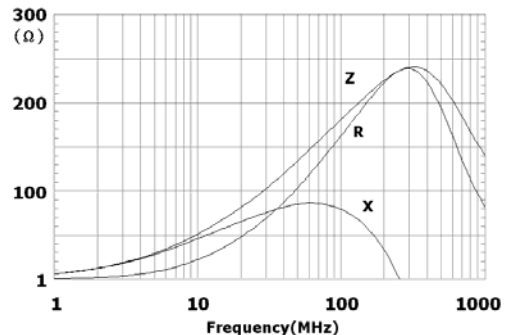
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MB-160808-0150A-LF



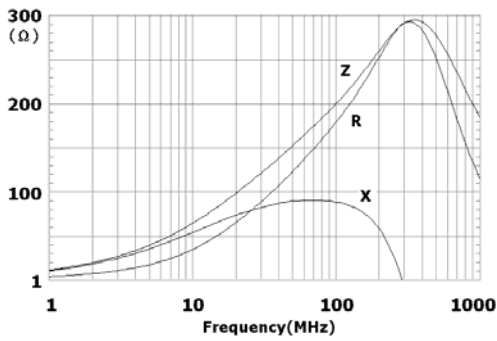
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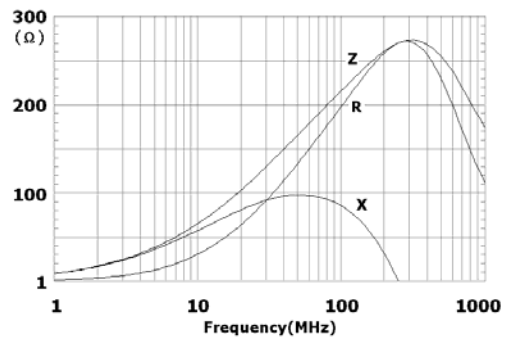
Multilayer Ferrite Beads

Typical Electrical Characteristics (MB-160808(0603)-Series)

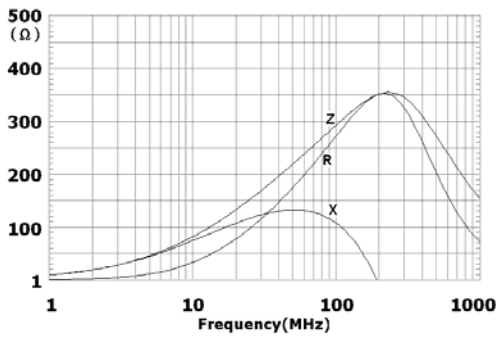
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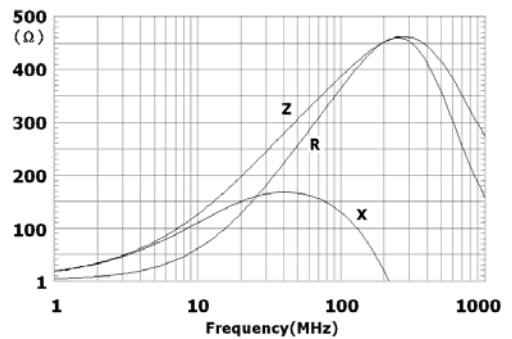
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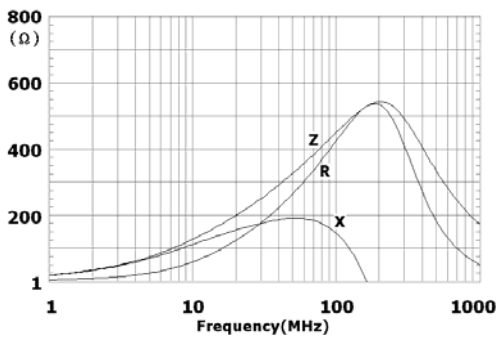
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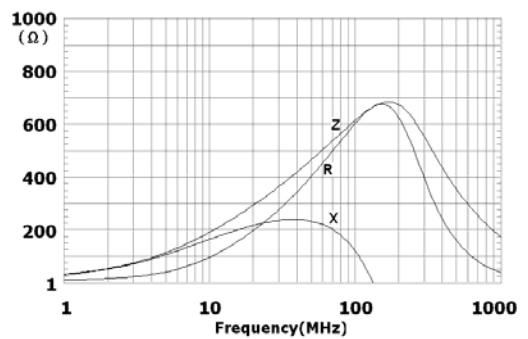
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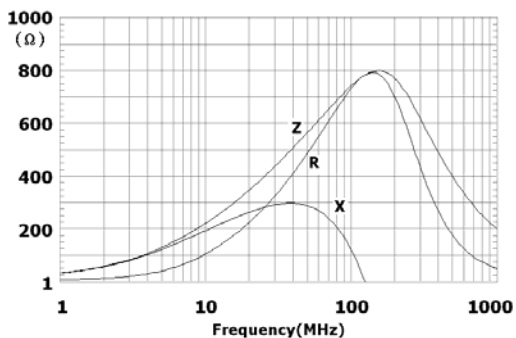
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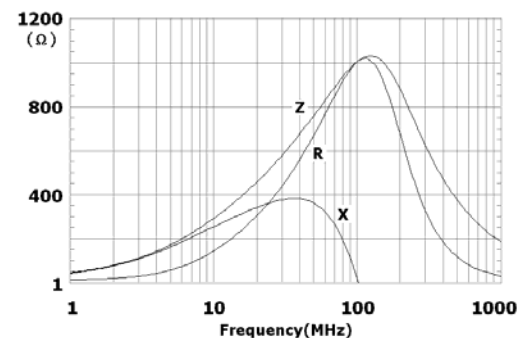
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MB-160808-0750A-LF



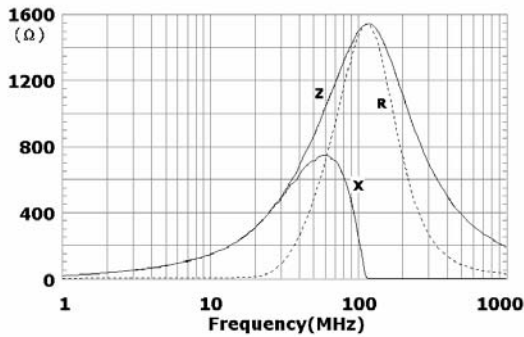
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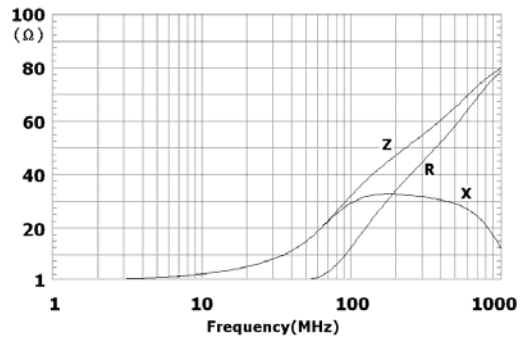
Multilayer Ferrite Beads

Typical Electrical Characteristics (MB-160808(0603)-Series)

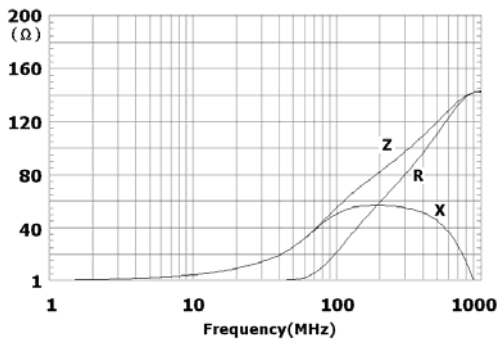
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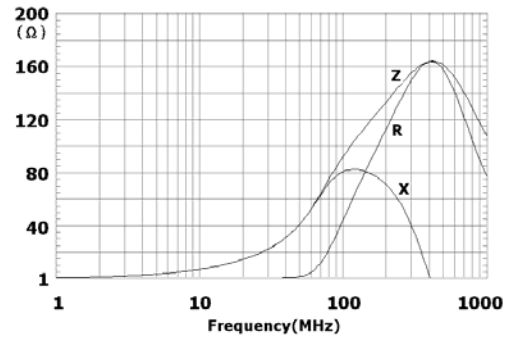
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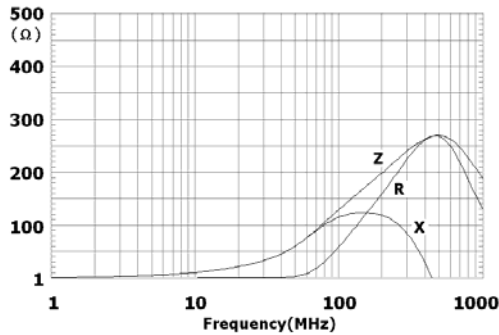
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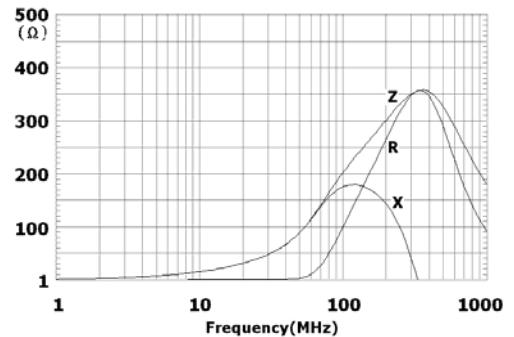
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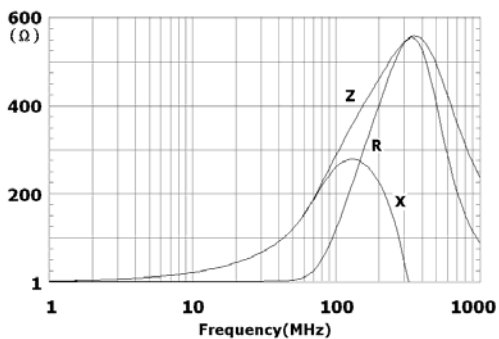
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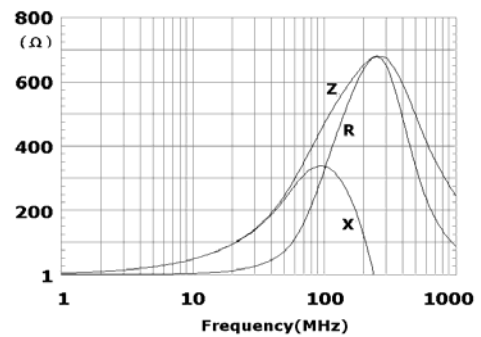
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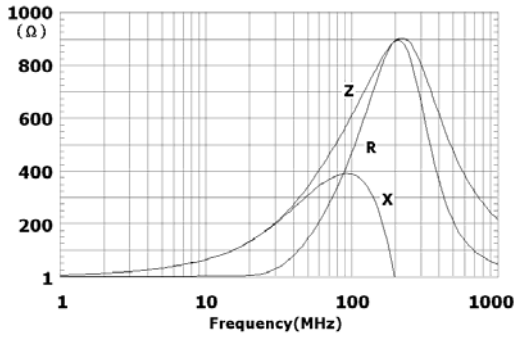
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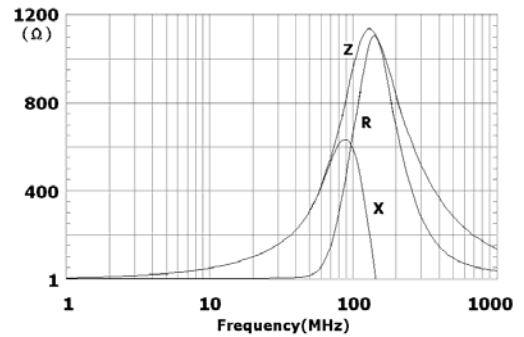
Multilayer Ferrite Beads

Typical Electrical Characteristics (MB-160808(0603)-Series)

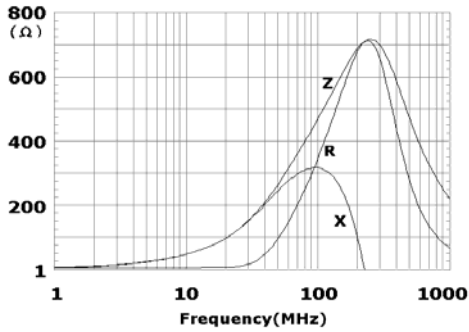
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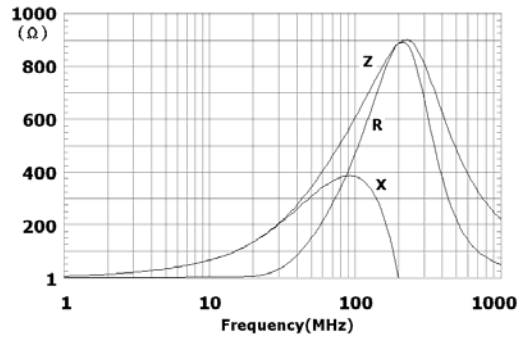
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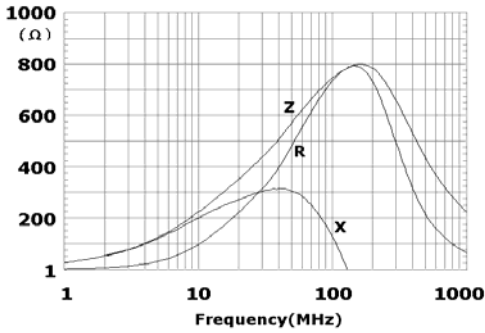
MB-160808-0470K-LF



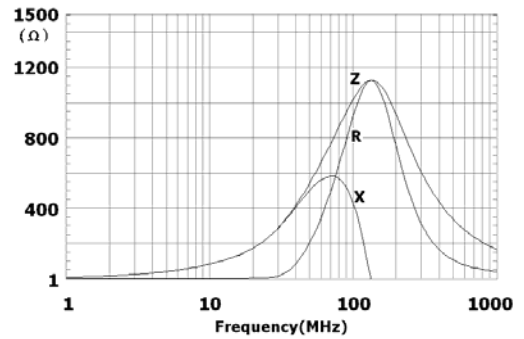
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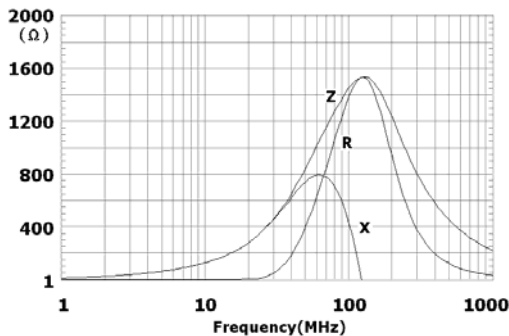
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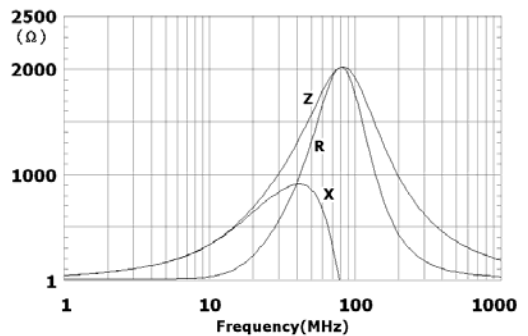
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MB-160808-1500K-LF



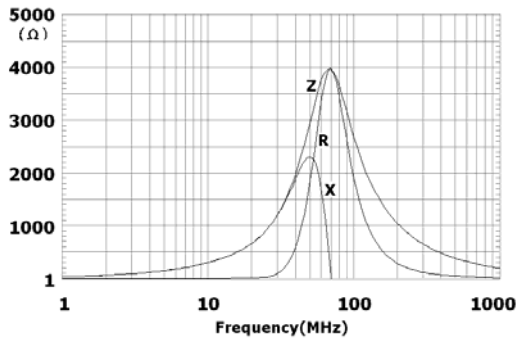
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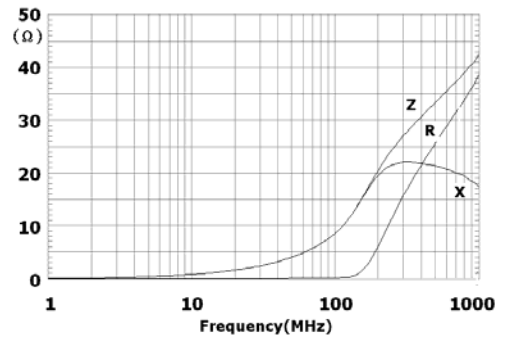
Multilayer Ferrite Beads

Typical Electrical Characteristics (MB-160808(0603)-Series)

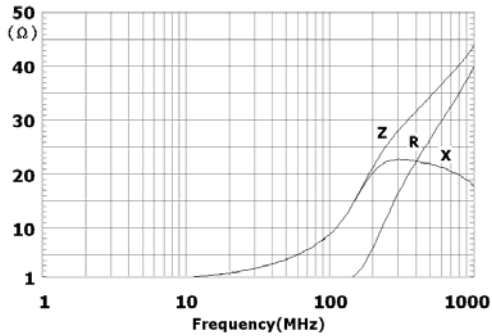
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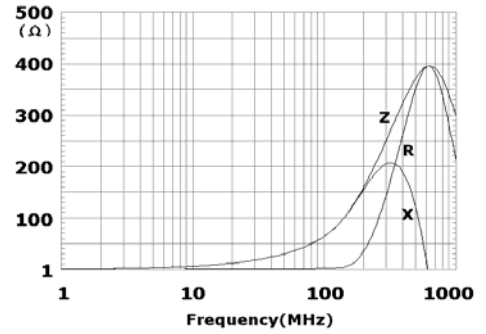
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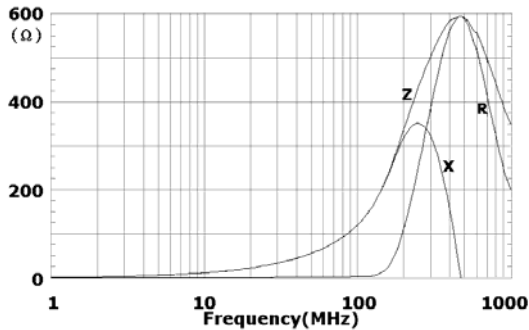
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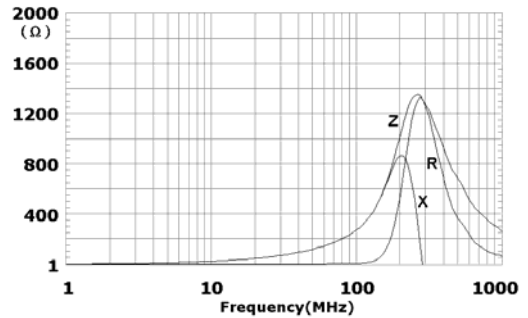
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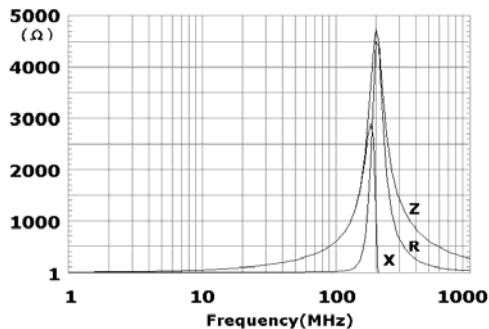
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MB-160808-0300H-LF



MB-160808-0600H-LF



MB-160808-1000H-LF

