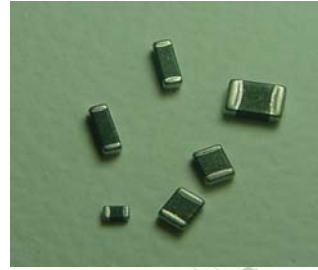


Multilayer Ferrite Beads

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

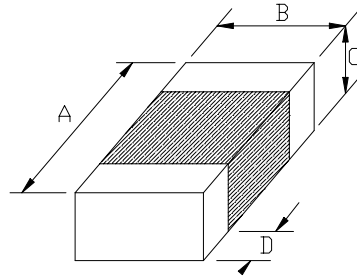
- To suppress EMI/RFI and to prevent self-oscillation in electronics products such as:
- Computers and peripheral equipment,
- VCRS, Television, Pagers, Cellular phones.
- Digital communication equipments.

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 (Ω) at 100MHZ ($\pm 25\%$) | DC Resistance (Ω) 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

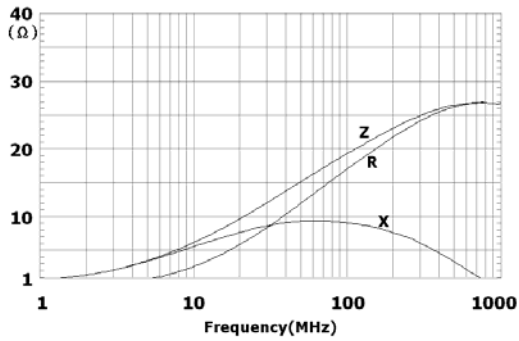
| MB-321611(1206)-Series | | ELECTRICAL CHARACTERISTICS | |
|------------------------|--|-----------------------------------|---------------------------|
| Part Number | Impedance Z (Ω) at 100MHZ ($\pm 25\%$) | DC Resistance (Ω) Max | Rated Current (mA) Max |
| MB-321611-0600K-LF | 600 | 0.50 | 200 |
| 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.

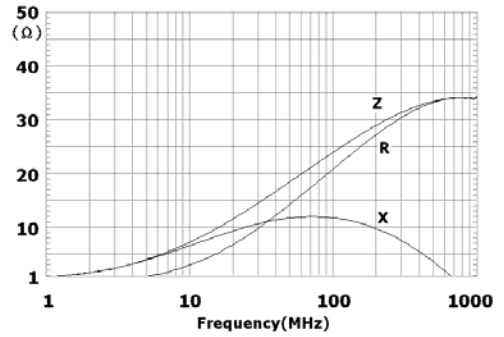
Multilayer Ferrite Beads

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

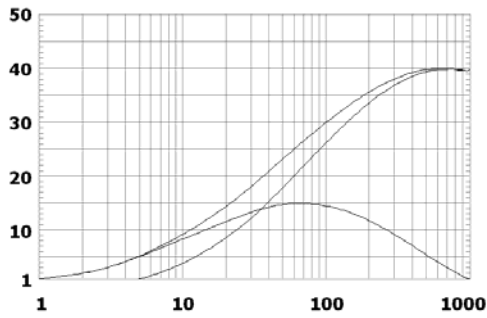
MB-321611-0019A-LF



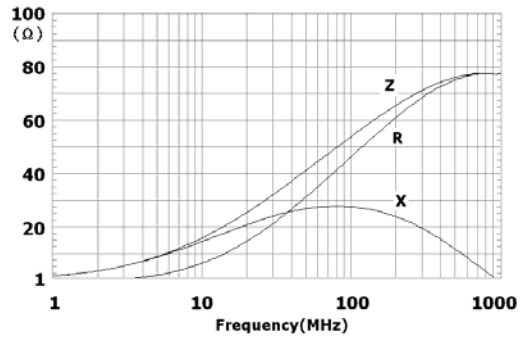
MB-321611-0026A-LF



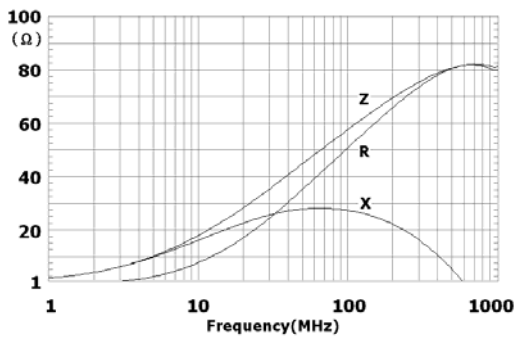
MB-321611-0031A-LF



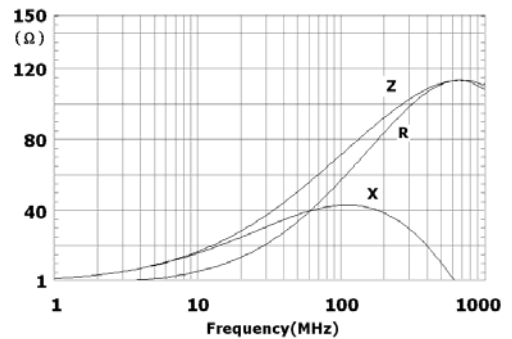
MB-321611-0052A-LF



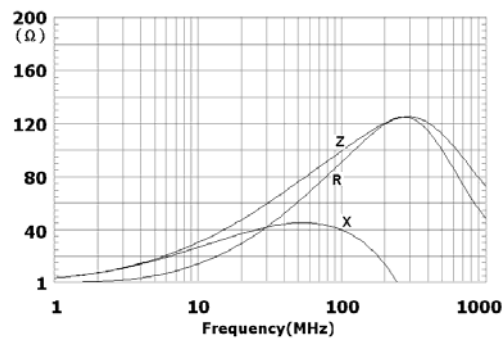
MB-321611-0060A-LF



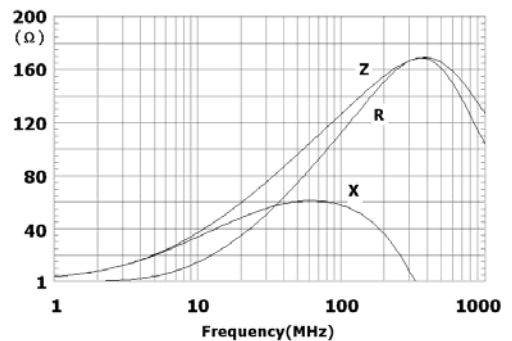
MB-321611-0070A-LF



MB-321611-0100A-LF



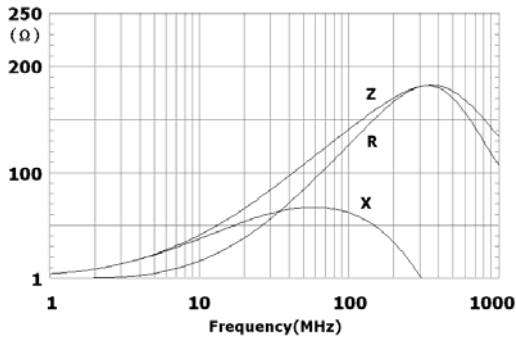
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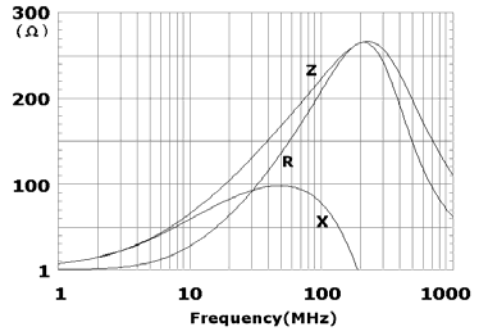
Multilayer Ferrite Beads

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

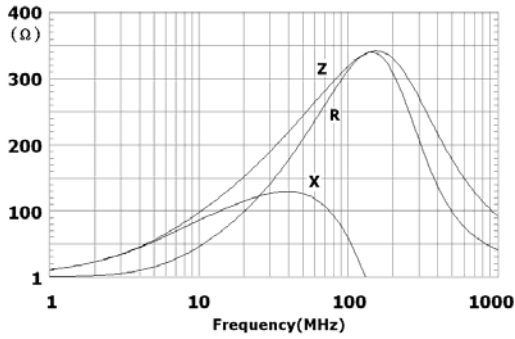
MB-321611-0150A-LF



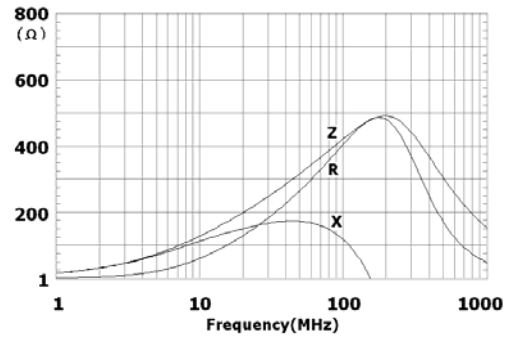
MB-321611-0220A-LF



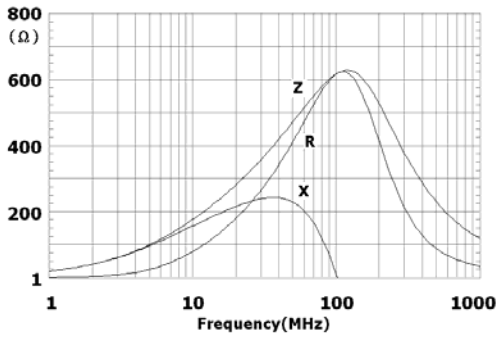
MB-321611-0300A-LF



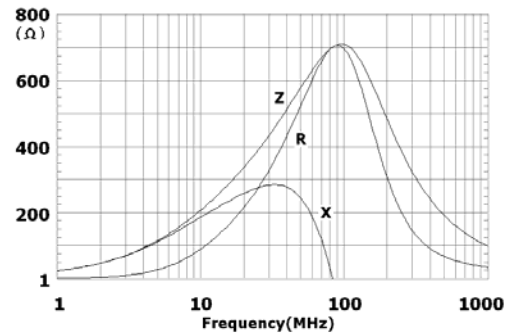
MB-321611-0400A-LF



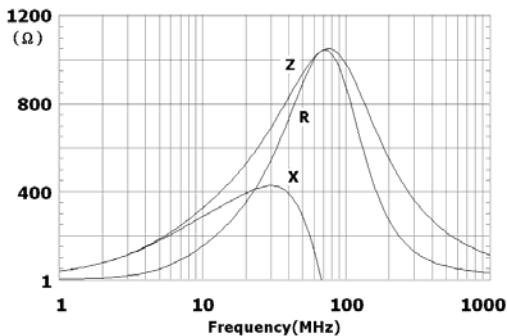
MB-321611-0600A-LF



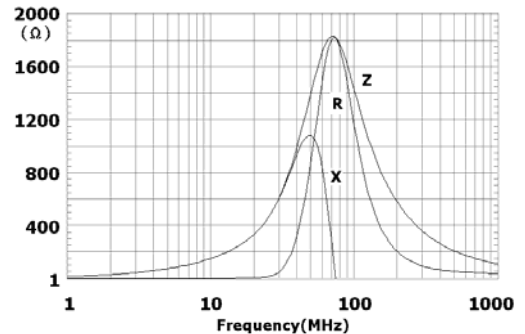
MB-321611-0750A-LF



MB-321611-1000A-LF



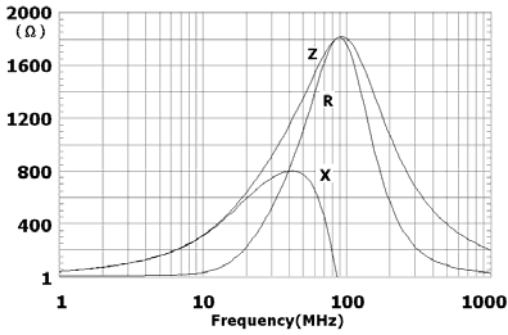
MB-321611-1500A-LF



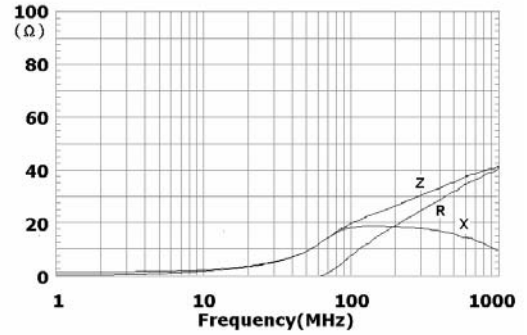
Multilayer Ferrite Beads

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

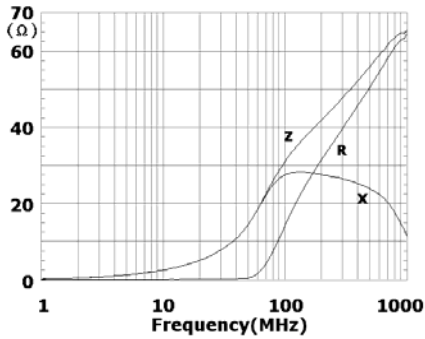
MB-321611-1800A-LF



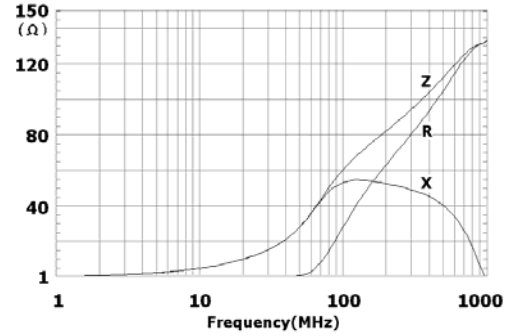
MB-321611-0019B-LF



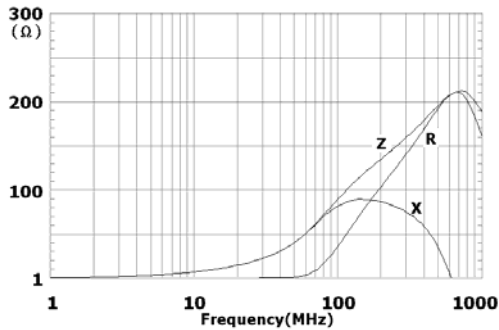
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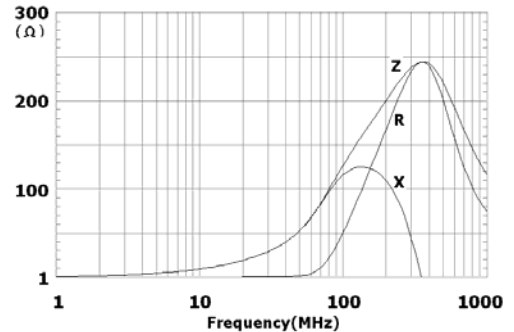
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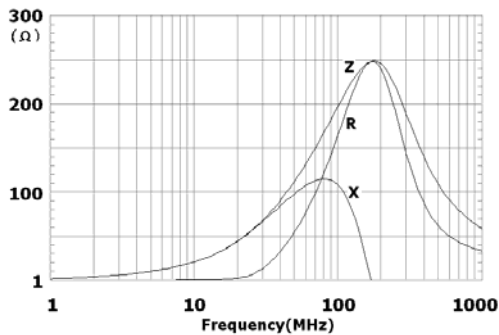
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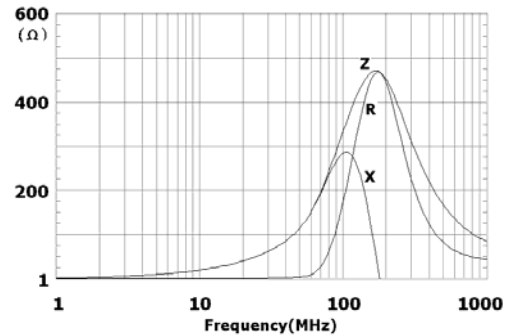
MB-321611-0120B-LF



MB-321611-0200B-LF



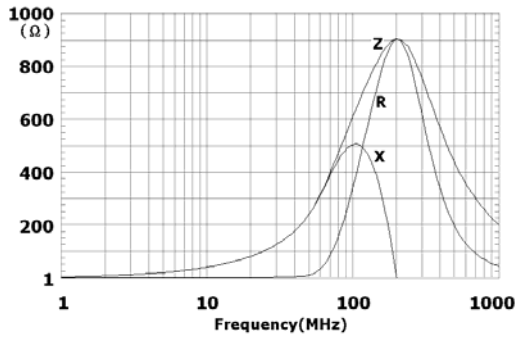
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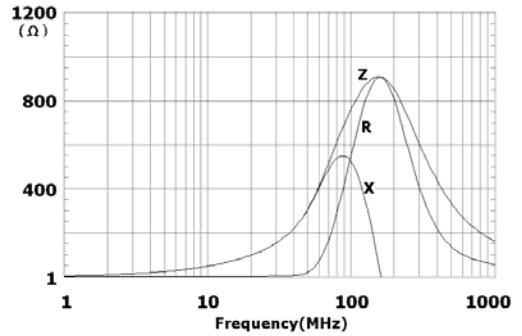
Multilayer Ferrite Beads

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

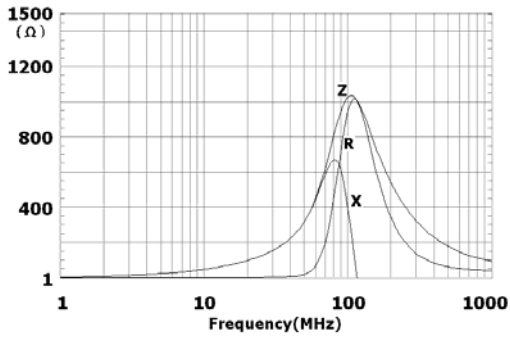
MB-321611-0600B-LF



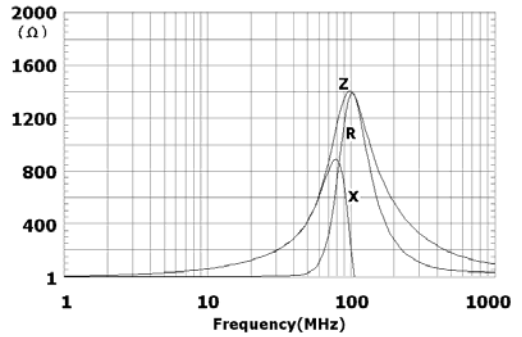
MB-321611-0750B-LF



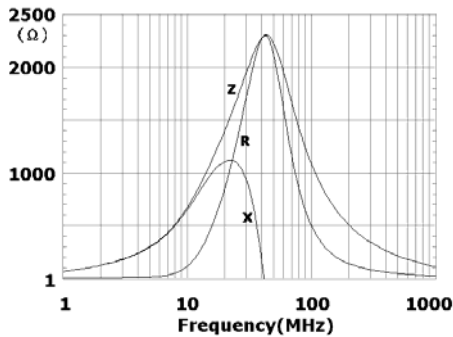
MB-321611-1000B-LF



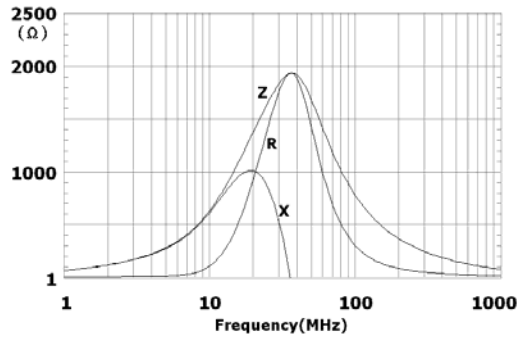
MB-321611-1500B-LF



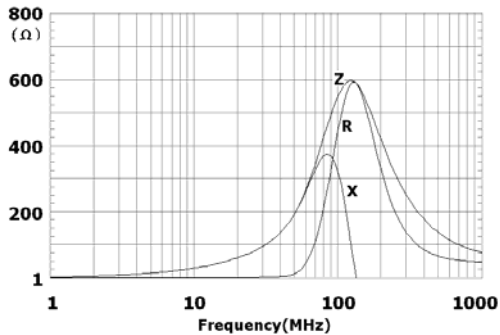
MB-321611-2000B-LF



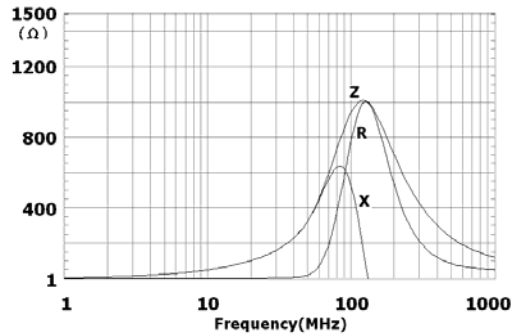
MB-321611-2000DB-LF



MB-321611-0600K-LF



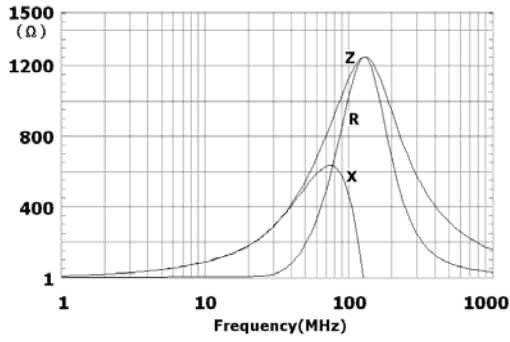
MB-321611-1000K-LF



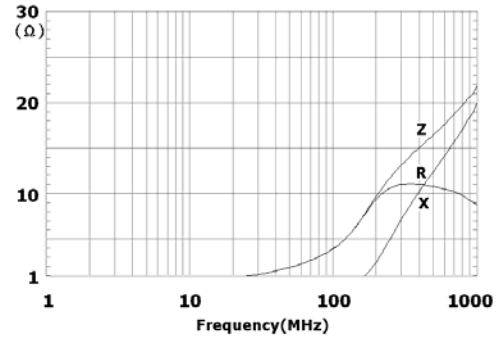
Multilayer Ferrite Beads

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

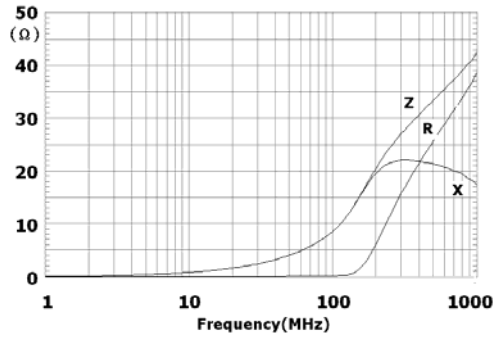
MB-321611-1200K-LF



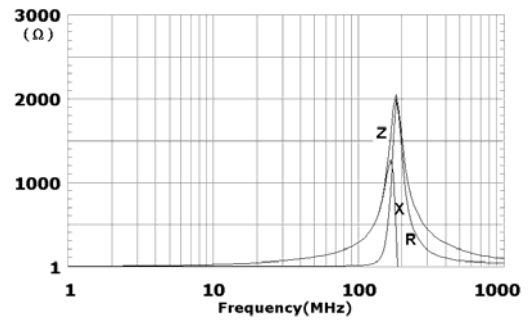
MB-321611-0005H-LF



MB-321611-0007H-LF



MB-321611-0300H-LF



MB-321611-0600H-LF

