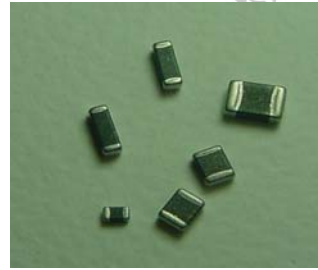


Multilayer Ferrite Beads

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.

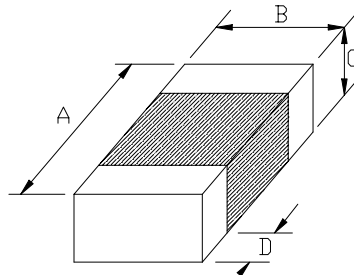
Part Number Systems

MB - 100505 - 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
100505	1.0 ± 0.1	0.5 ± 0.1	0.5 ± 0.1	0.1 ~ 0.3

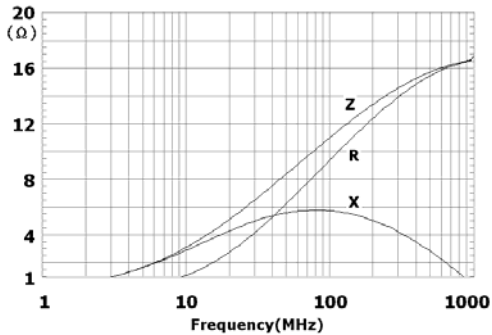
Multilayer Ferrite Beads

MB-100505(0402)-Series		ELECTRICAL CHARACTERISTICS	
Part Number	Impedance Z (Ω) at 100MHZ ($\pm 25\%$)	DC Resistance (Ω) Max	Rated Current (mA) Max
MB-100505-0010A-LF	10	0.05	500
MB-100505-0030A-LF	30	0.20	300
MB-100505-0060A-LF	60	0.40	200
MB-100505-0120A-LF	120	0.50	200
MB-100505-0300A-LF	300	0.75	100
MB-100505-0470A-LF	470	0.90	100
MB-100505-0600A-LF	600	1.10	50
MB-100505-1000A-LF	1000	1.50	50
MB-100505-0120B-LF	120	1.10	50
MB-100505-0600B-LF	600	1.50	50
MB-100505-0120H-LF	120	1.00	50
MB-100505-1000H-LF	1000	2.50	50

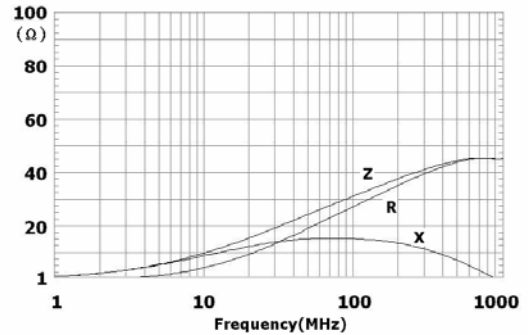
* All specifications are subjected to change without prior notice.

Typical Electrical Characteristics (MB-100505(0402)-Series)

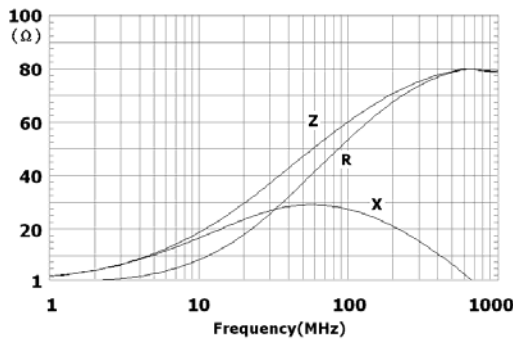
MB-100505-0010A-LF



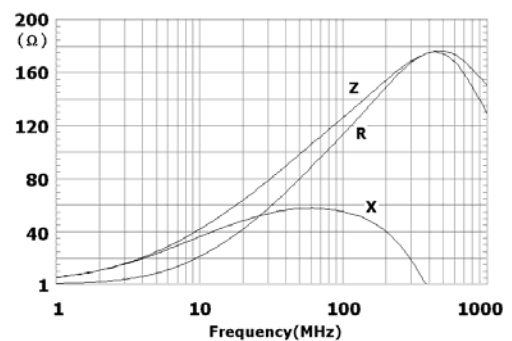
MB-100505-0030A-LF



MB-100505-0060A-LF



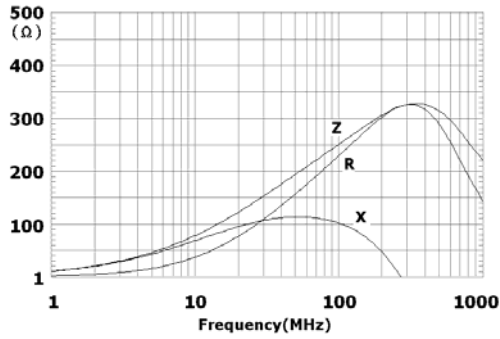
MB-100505-0120A-LF



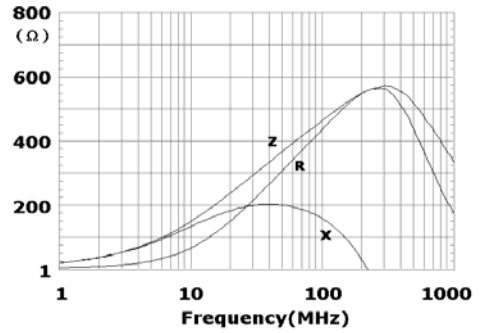
Multilayer Ferrite Beads

Typical Electrical Characteristics (MB-100505(0402)-Series)

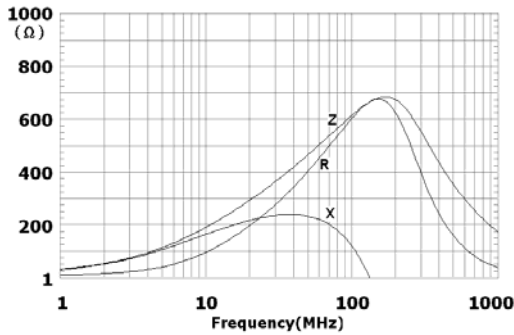
MB-100505-0300A-LF



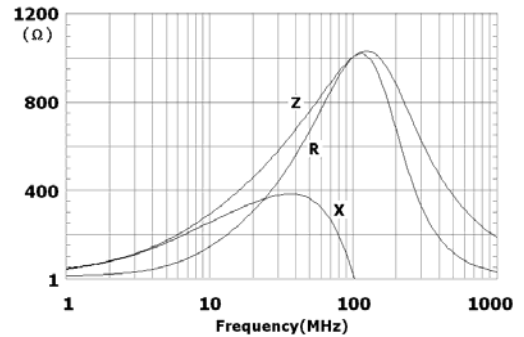
MB-100505-0470A-LF



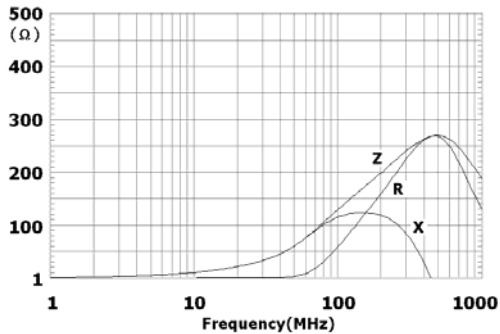
MB-100505-0600A-LF



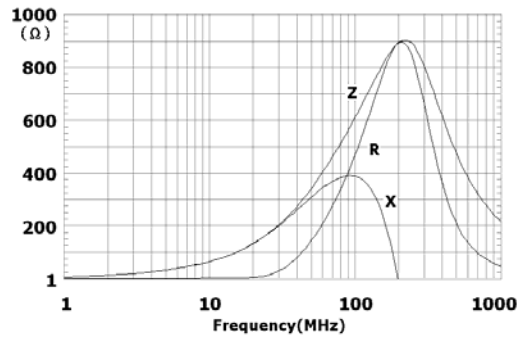
MB-100505-1000A-LF



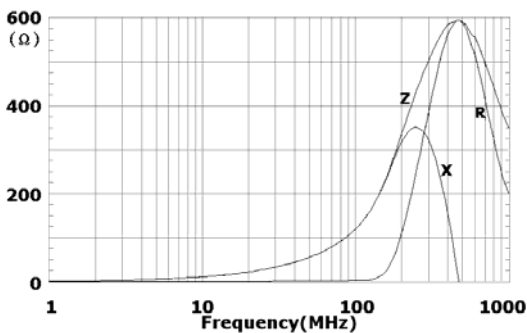
MB-100505-0120B-LF



MB-100505-0600B-LF



MB-100505-0120H-LF



MB-100505-1000H-LF

