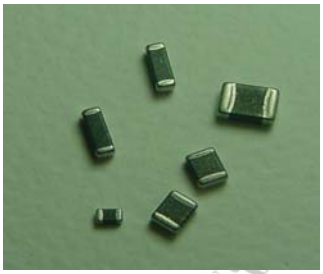
Multilayer Ferrite Beads

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.

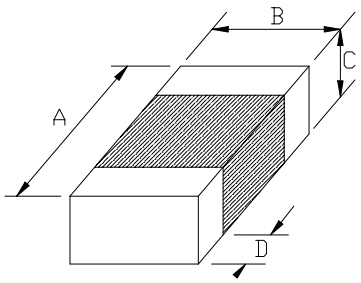
Part Number Systems

MB - 322513 – 0031 – A - LF

(1) (2) (3) (4) (5)

(1)	**Product series**	**(2)**	**Size**
(3)	**Nominal Impedance: 0031 = 31 ohm @100MHz**	**(4)**	**Material Type**
(5)	**ROHs Compliant**		

Shape And Dimensions



Unit: mm

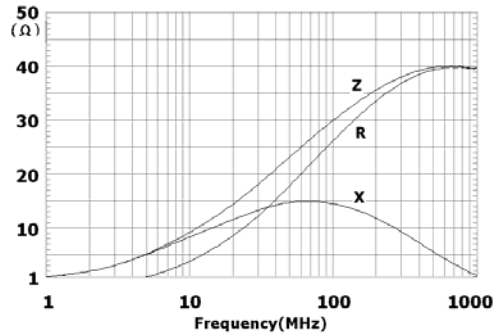
Type	A	B	C	D
322513	3.2 ± 0.2	2.5 ± 0.2	1.3 ±0.2	0.6 ~ 1.0

MB-322513(1210)-Series		ELECTRICAL CHARACTERISTICS	
Part Number	**Impedance Z (Ω) at 100MHZ (± 25%)**	**DC Resistance (Ω) Max**	**Rated Current (mA) Max**
MB-322513-0031A-LF	31	0.10	500
MB-322513-0052A-LF	52	0.30	400
MB-322513-0060A-LF	60	0.30	400
MB-322513-0031B-LF	31	0.10	500

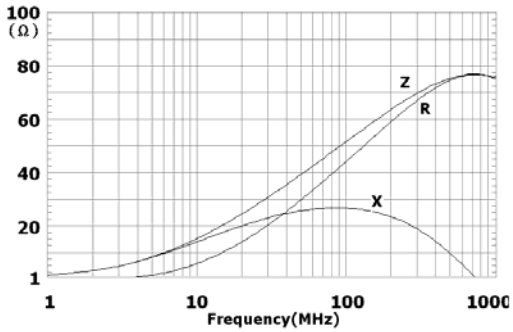
*** All specifications are subjected to change without prior notice.**

Typical Electrical Characteristics (MB-322513(1210)-Series)

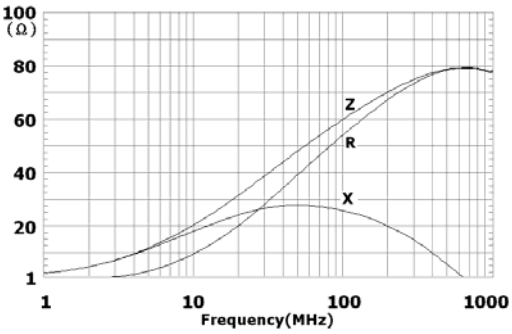
MB-322513-0031A-LF



MB-322513-0052A-LF



MB-322513-0060A-LF



MB-322513-0031B-LF