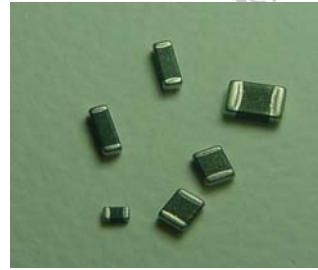


# Multilayer Ferrite Beads

## 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.

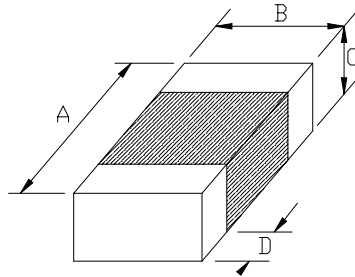
## Part Number Systems

**MB - 453215 - 0060 - A - LF**

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

(1)	Product series	(2)	Size
(3)	Nominal Impedance: 0060 = 60 ohm @100MHz	(4)	Material Type
(5)	ROHs Compliant		

## Shape And Dimensions



Unit: mm

Type	A	B	C	D
453215	4.5 ± 0.2	3.2 ± 0.2	1.5 ± 0.2	0.6 ~ 1.0

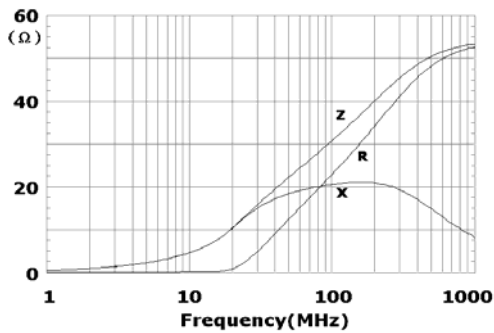
# Multilayer Ferrite Beads

MB-453215(1812)-Series		ELECTRICAL CHARACTERISTICS	
Part Number	Impedance Z ( $\Omega$ ) at 100MHZ ( $\pm 25\%$ )	DC Resistance ( $\Omega$ ) Max	Rated Current (mA) Max
MB-453215-0031A-LF	31	0.10	500
MB-453215-0060A-LF	60	0.20	500
MB-453215-0120A-LF	120	0.20	500
MB-453215-0150A-LF	150	0.20	500
MB-453215-0070B-LF	70	0.20	500

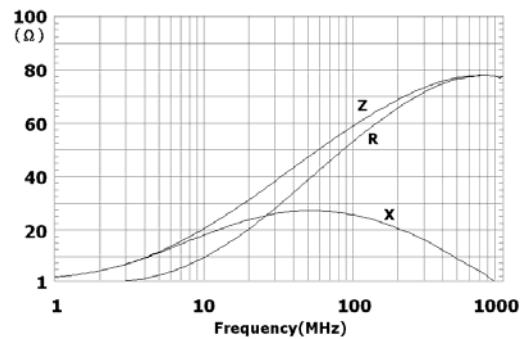
\* All specifications are subjected to change without prior notice.

## Typical Electrical Characteristics (MB-453215(1812)-Series)

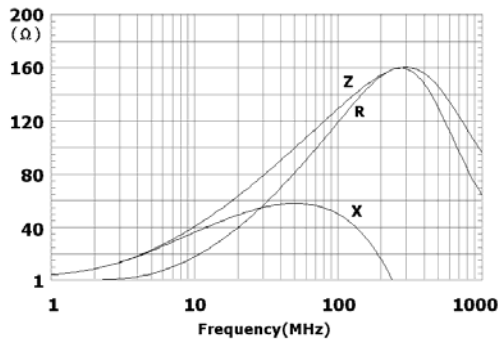
MB-453215-0031A-LF



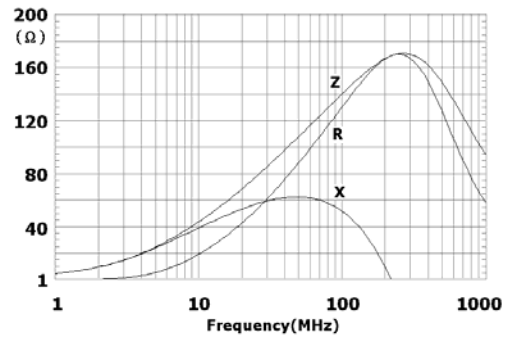
MB-453215-0060A-LF



MB-453215-0100A-LF



MB-453215-0150A-LF



MB-453215-0070B-LF

