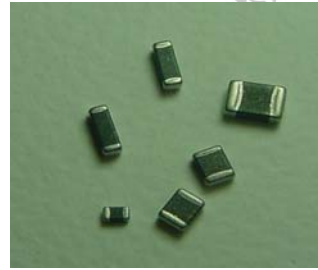


Multilayer Ferrite Beads

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.

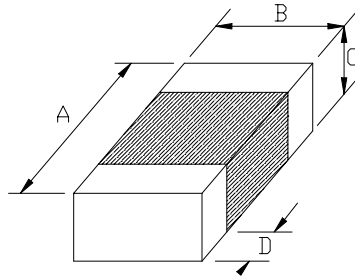
Part Number Systems

MB - 451616 - 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
451616	4.5 ± 0.2	1.6 ± 0.2	1.6 ± 0.2	0.6 ~ 1.0

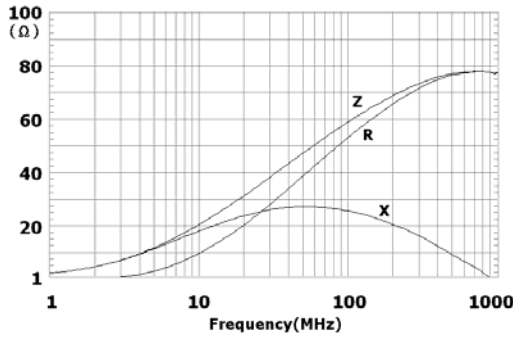
Multilayer Ferrite Beads

MB-451616(1806)-Series		ELECTRICAL CHARACTERISTICS	
Part Number	Impedance Z (Ω) at 100MHz ($\pm 25\%$)	DC Resistance (Ω) Max	Rated Current (mA) Max
MB-451616-0060A-LF	60	0.20	500
MB-451616-0080A-LF	80	0.30	400
MB-451616-0100A-LF	100	0.30	400
MB-451616-0150A-LF	150	0.50	200
MB-451616-0600A-LF	600	0.80	200
MB-451616-1000A-LF	1000 (at 50MHz)	1.00	200

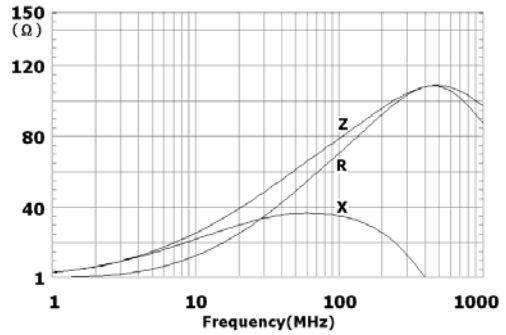
* All specifications are subjected to change without prior notice.

Typical Electrical Characteristics (MB-451616(1806)-Series)

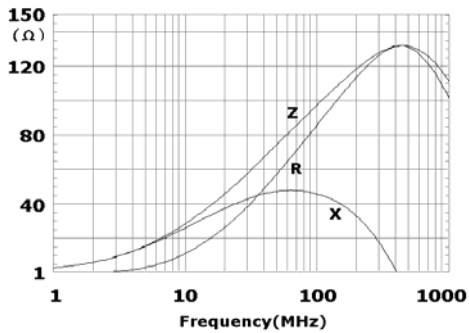
MB-451616-0060A-LF



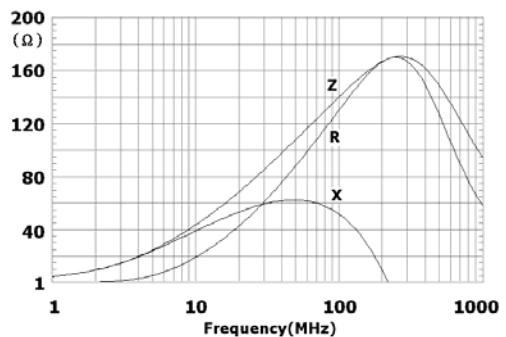
MB-451616-0080A-LF



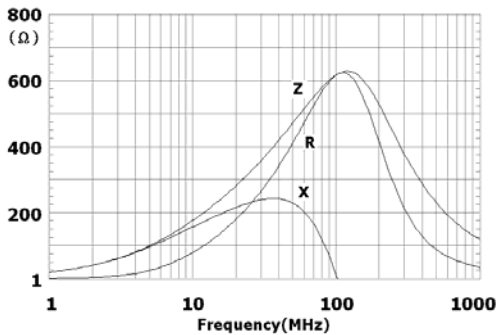
MB-451616-0100A-LF



MB-451616-0150A-LF



MB-451616-0600A-LF



MB-451616-1000A-LF

