GMLB M-SERIES

Ferrite Chip Beads For Multi-Line Applications

◆ FEATURES

- **Multi-line EMI Suppression**

  M-series chip arrays contain four ferrite beads in a single package. This compact design makes the M-series perfect for EMI suppression on multiple-lines.

- **High Density Packaging**

  M-series chip arrays have a compact package design that is an ideal for high density packaging.

- **Multi-frequency Applications**

  M-series chip arrays are available in A-type and B-type. The A-type chip arrays are designed for lower frequency applications. The B-type chip arrays are designed for high frequency applications.

◆ APPLICATIONS

M-series chip beads can be used in a variety of electronics including:

- Computers
- Printers
- Hard Drives
- CD-ROMs
- Monitor
- Motherboards
- Televisions

Typical electrical characteristic curves for the GMLB M-series chip bead arrays. The M-series chip arrays have a wide range of impedance characteristics and are ideal for multi-line applications.	

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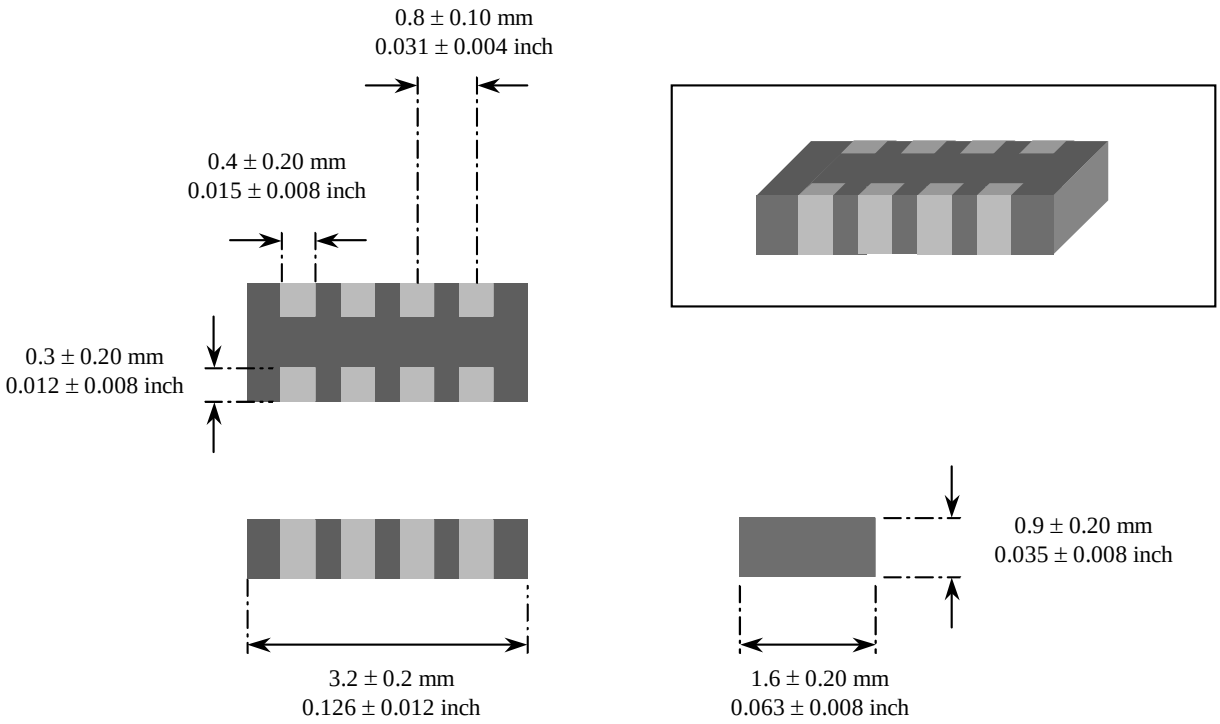
◆ PRODUCT SPECIFICATIONS

Type	Part Number	Impedance (Ω) at 100 MHz	R_{DC} (Ω) Max.	I_{DC} (mA) Max.	Operating Temp. Range (^{0}C)
A-Type	GMLB-3216-0030M4-N8	30±25%	0.40	350	-55 ~ +125
	GMLB-3216-0060M4-N8	60±25%		250	
	GMLB-3216-0120M4-N8	120±25%	0.80	150	
	GMLB-3216-0240M4-N8	240±25%			
	GMLB-3216-0300M4-N8	300±25%			
	GMLB-3216-0470M4-N8	470±25%	1.00	100	
	GMLB-3216-0600M4-N8	600±25%	1.50		
	GMLB-3216-1000M4-N8	1000±25%	1.70	50	
B-Type	GMLB-3216-0060M4-N7	60±25%	0.8	150	
	GMLB-3216-0120M4-N7	120±25%			
	GMLB-3216-0220M4-N7	220±25%			
	GMLB-3216-0470M4-N7	470±25%	1.0		
	GMLB-3216-0600M4-N7	600±25%	1.5	100	

◆ PRODUCT DIMENSIONS



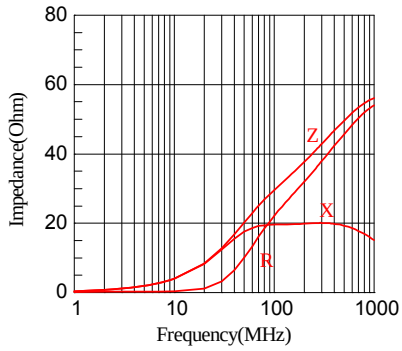
GMLB M-SERIES-3216

Ferrite Chip Beads For Multi-Line Applications

◆ TYPICAL ELECTRICAL CHARACTERISTIC CURVES

A-Type Multi-line Series for General Applications

GMLB-3216-0030M4-N8



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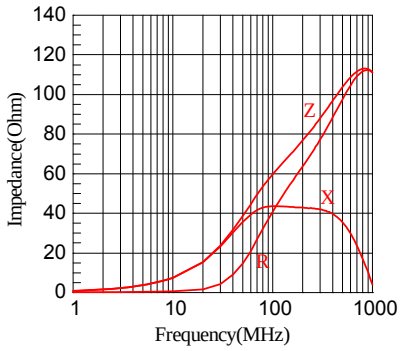

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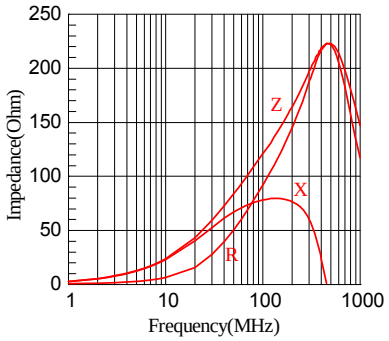

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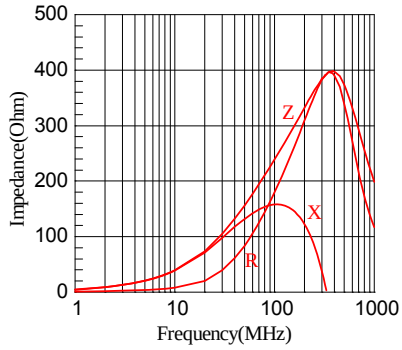

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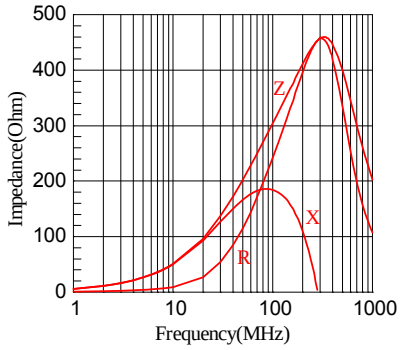

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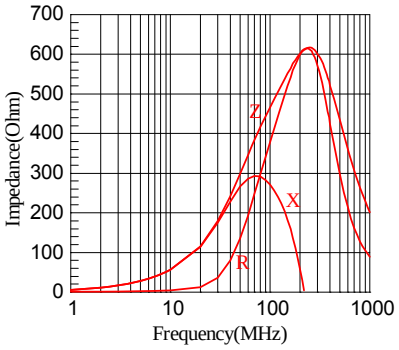

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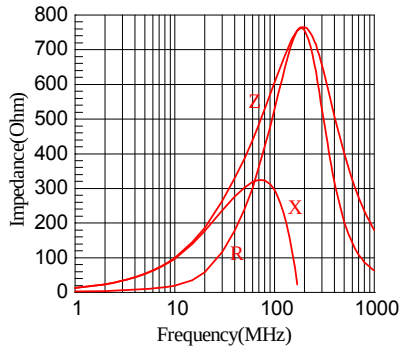

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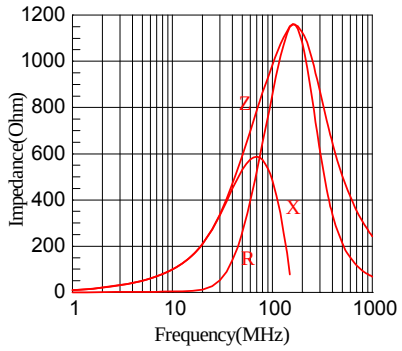


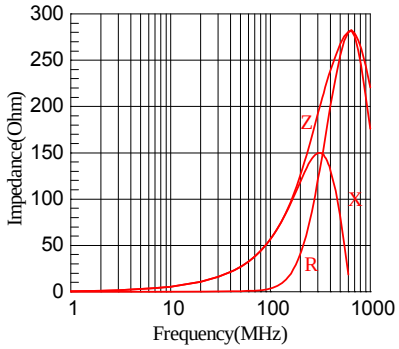
GMLB M-SERIES

Ferrite Chip Beads For Multi-Line Applications

◆ TYPICAL ELECTRICAL CHARACTERISTIC CURVES

B-Type Multi-line Series for High Frequency Applications

GMLB-3216-0060M4-N7



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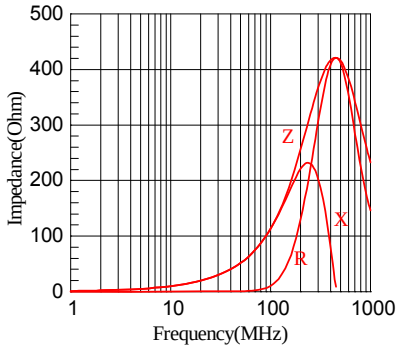

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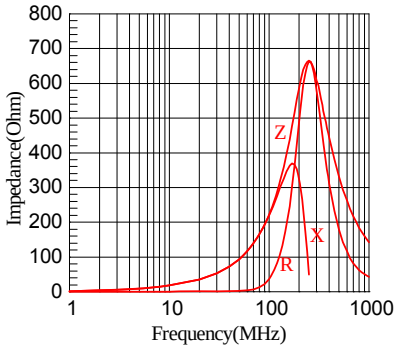

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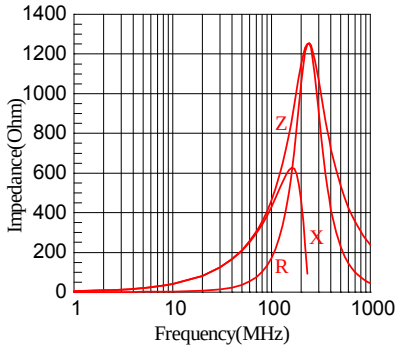

GMLB-3216-0600M4-N7