

Ferrite Chip Bead for high speed application

Feature

- MLB (for High speed) can minimize attenuation of the signal wave form for high speed signal due to its sharp impedance characteristics. That is much lower impedance in frequency range lower than 100MHz.
- Impedance Range: 26 to 1000 ohm
- Rated Current Range: 100 mA to 500 mA
- Operating temperature Range: -40°C to +125°C
- Soldering Method: Reflow of Wave soldering, suitable for lead free soldering
- Packaging Method : Tape & Reel (per EIA Specifications)
- Storage Temperature : max.40°C, RH 70%

Application

- EMI suppression for various electric equipment by addition of impedance to the circuit.
- It is particularly effective with unstable grounding.
- High frequency EMI prevention of computers, printers, VCRs, TVs, and portable telephone.
- High speed signal or frequency (clock) harmonics EMI suppression.
- Clock, VGA data

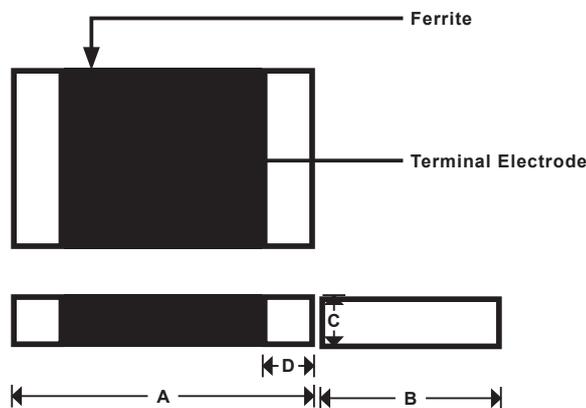
Part Number Code

MLB	-	160808	-	0600	S	01
Series Name		Size Code		Impedance (ex.0600=600 Ω ± 25%)	Classification S=For High Speed Application	Rated Current 01=200 mA

Notes for MLB Series

Please contact our sales department for the application other than above mentioned indication.
Please ask individual data sheet to verify detailed specification and performance.

Shape and Dimensions



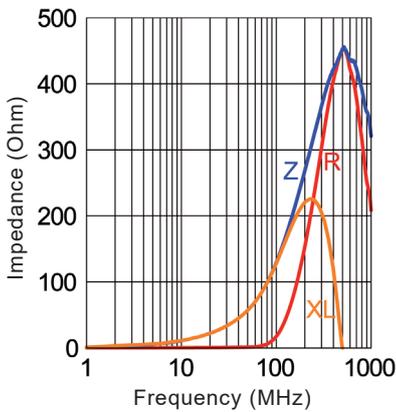
Unit: mm

SIZE CODE	A	B	C	D	Chips/reel
100505(0402)	1.00+/-0.1	0.50+/-0.1	0.50+/-0.1	0.25+/-0.1	10000
160808(0603)	1.60+/-0.2	0.80+/-0.2	0.80+/-0.2	0.3+/-0.2	4000
201209(0805)	2.00+/-0.2	1.20+/-0.2	0.90+/-0.2	0.5+/-0.3	4000
321611(1206)	3.20+/-0.2	1.60+/-0.2	1.10+/-0.2	0.5+/-0.3	3000

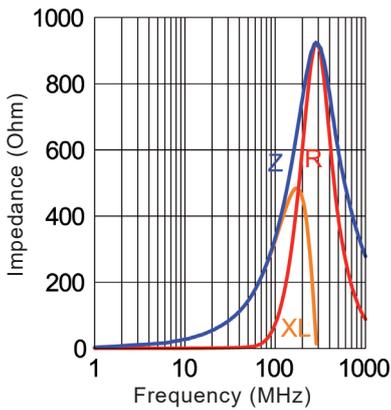
Part No.	Impedance (Ω)@100MHz±25%	DCR (Ω)max	Rated Current (mA) max
MLB-100505-0120S015	120	0,500	150
MLB-100505-0300S01	300	0,900	100
MLB-160808-0030S03	30	0,300	300
MLB-160808-0060S03	60	0,300	300
MLB-160808-0080S03	80	0,300	300
MLB-160808-0120S02	120	0,300	200
MLB-160808-0150S02	150	0,400	200
MLB-160808-0220S02	220	0,400	200
MLB-160808-0300S02	300	0,500	200
MLB-160808-0600S02	600	0,600	200
MLB-160808-1000S01	1000	1,000	100
MLB-201209-0026S05	26	0,200	500
MLB-201209-0060S04	60	0,300	400
MLB-201209-0120S03	120	0,300	300
MLB-201209-0300S02	300	0,500	200
MLB-201209-0600S02	600	0,600	200
MLB-201209-1000S02	1000	0,800	200
MLB-321611-0120S04	120	0,300	400
MLB-321611-0600S02	600	0,600	200

Please contact us if other specification (Size, Impedance, Rated Current etc.) is needed.

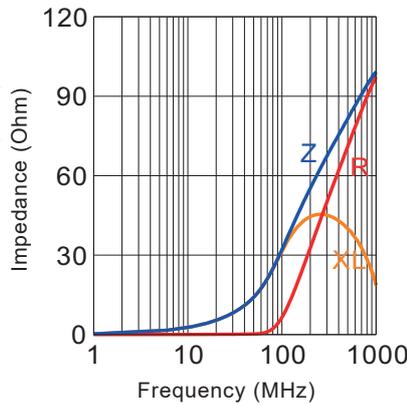
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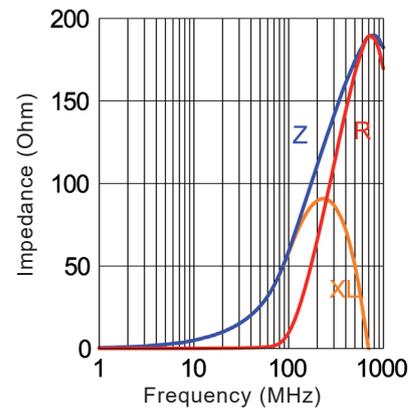
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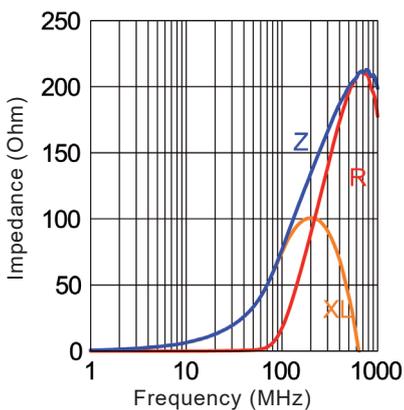
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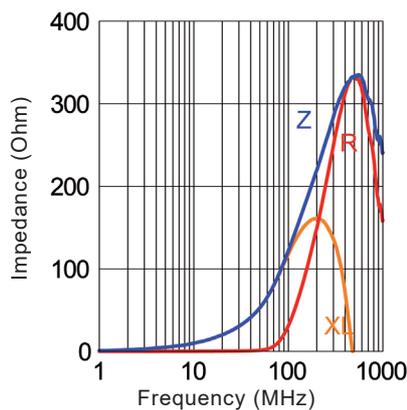
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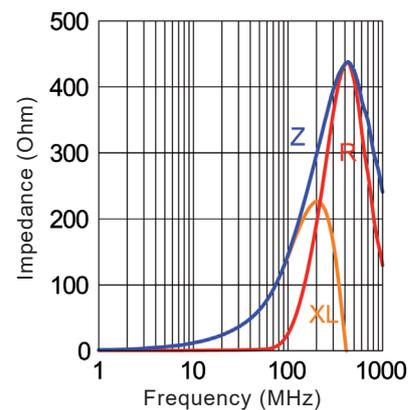
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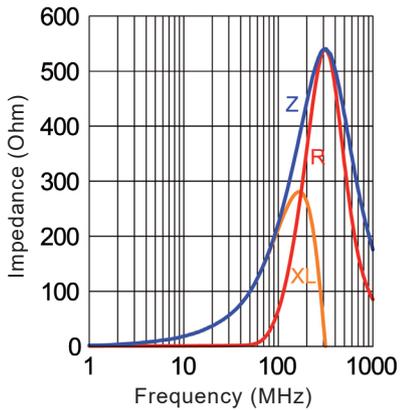
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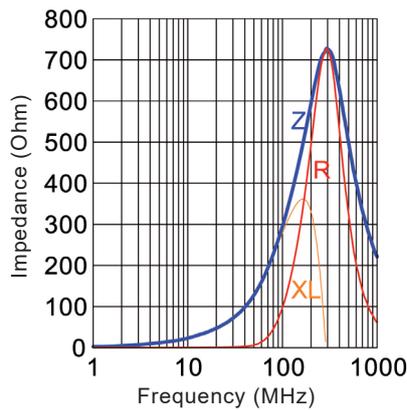
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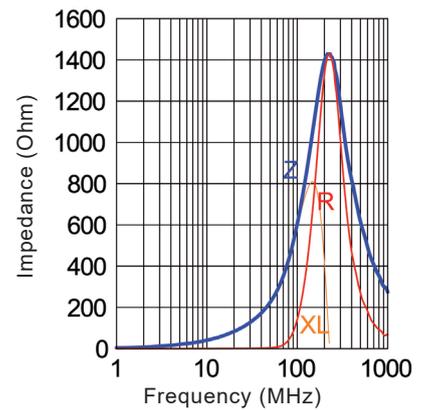
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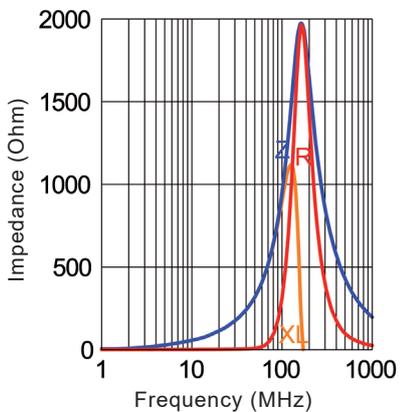
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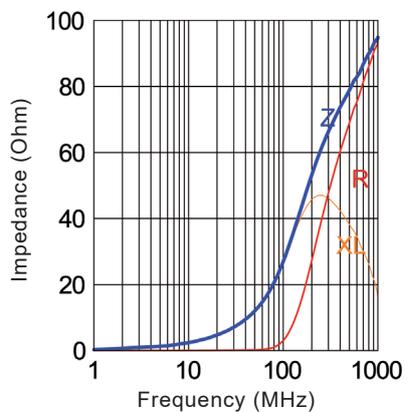
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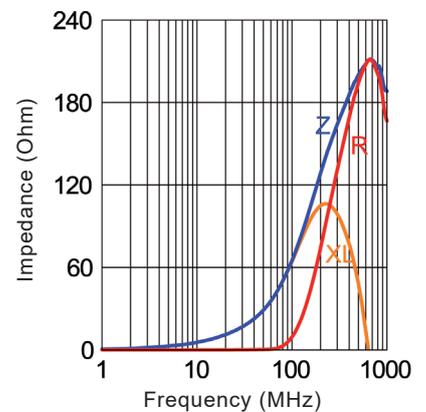
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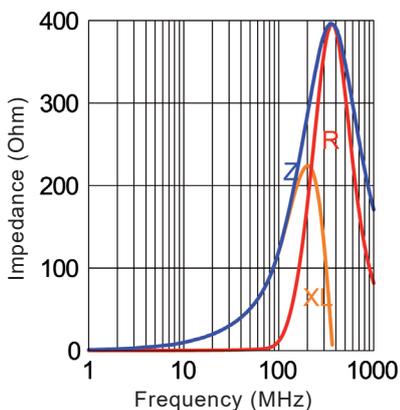
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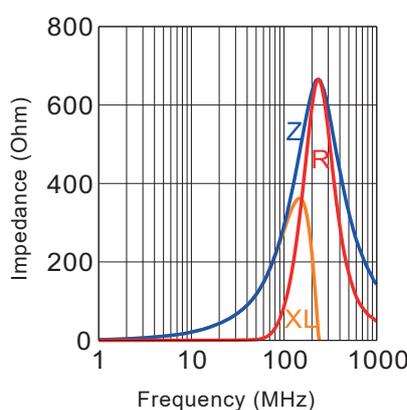
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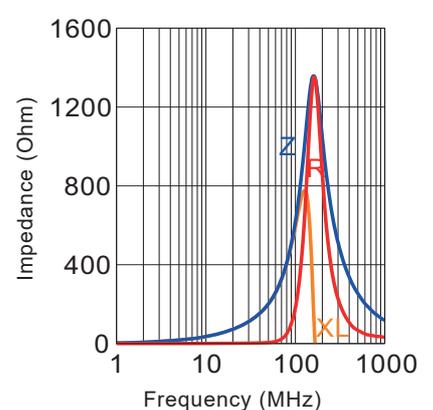
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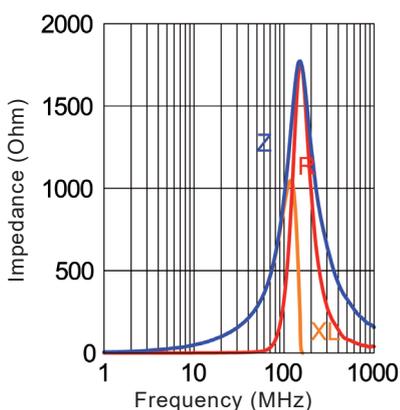
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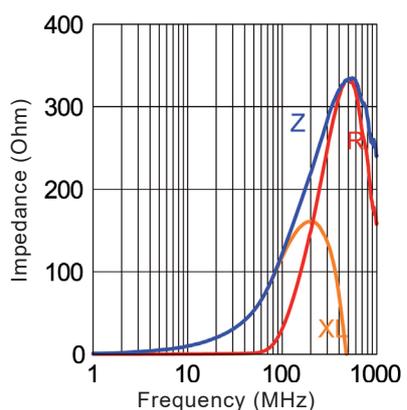
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MLB-321611-0120S04



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