

Ferrite Chip Bead, high current type

Feature

- MLB (high current type) can be used in high current circuit due to its low DC resistance.
- It can match power line to a maximum of 6A DC.
- Impedance Range : 30 to 1000 ohm
- Rated Current Range : 1000 mA to 6000 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 prevention for power line to a maximum of 6A DC.
- It is particularly effective with unstable grounding.
- High frequency EMI prevention of computers, printers, VCRs, TVs, and portable telephone.

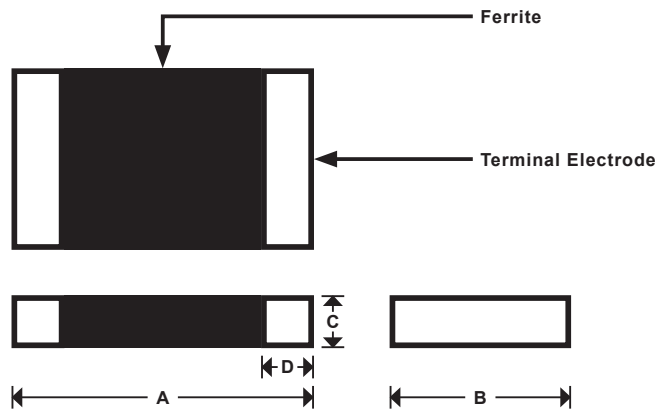
Part Number Code

MLB	-	160808	-	0010	C	25
Series Name		Size Code		Impedance (ex.0030=30 Ω ± 25%)	Classification C=High Current application	Rated Current 25=2500 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.

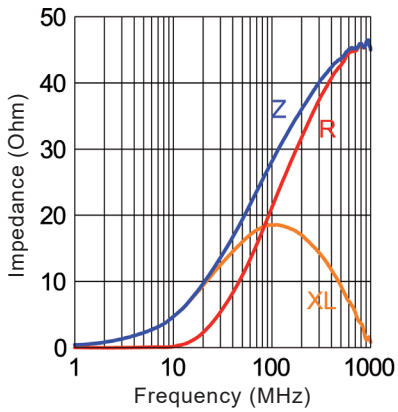
Shape and Dimensions



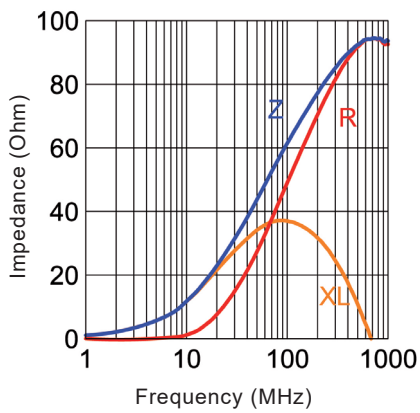
Unit: mm

SIZE CODE	A	B	C	D	Chips/reel
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

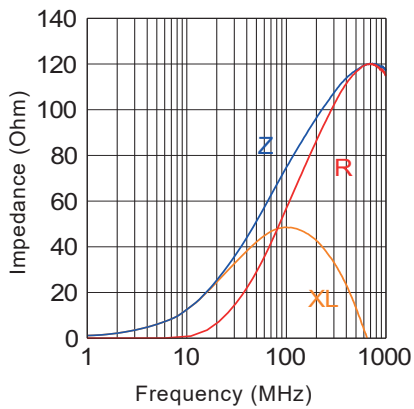
MLB-160808-0030C25



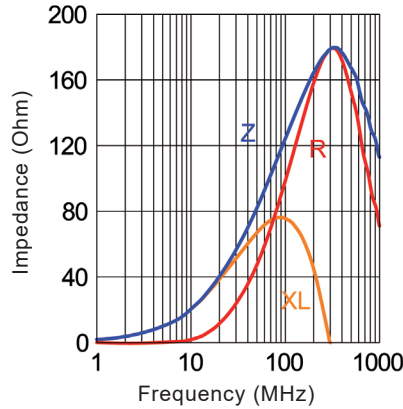
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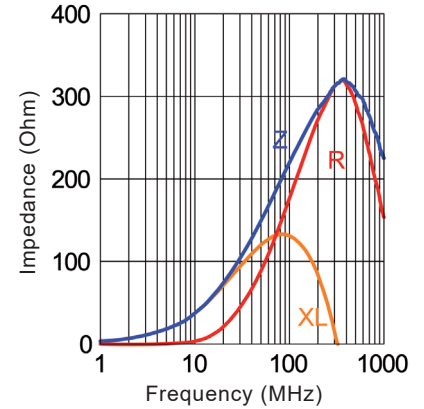
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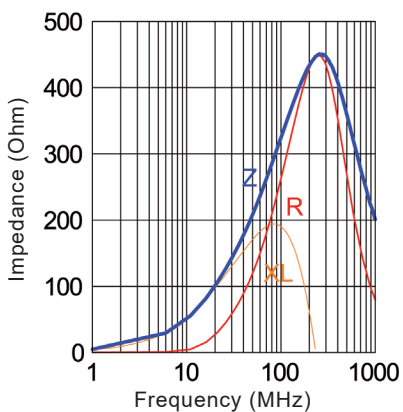
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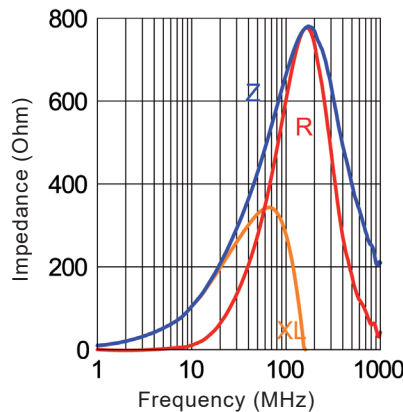
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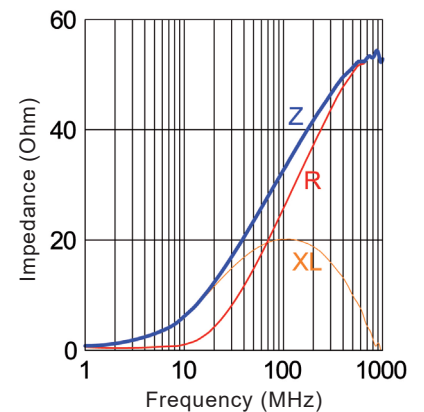
MLB-160808-0300C20



MLB-160808-0600C10



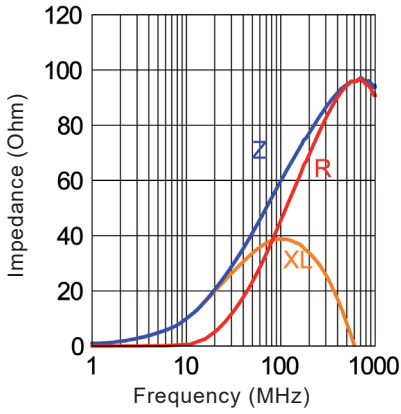
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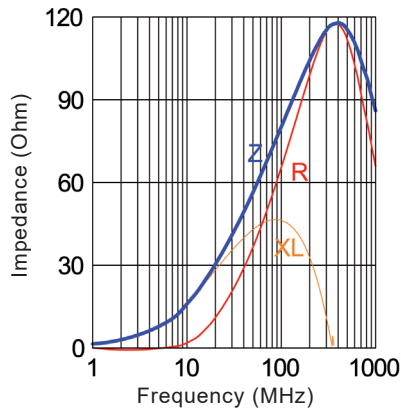
Part Co.	Impedance (Ω)@100MHz±25%	DCR (Ω)max	Rated Current (mA) max
MLB-160808-0030C25	30	0,050	2500
MLB-160808-0060C30	60	0,040	3000
MLB-160808-0080C30	80	0,040	3000
MLB-160808-0120C30	120	0,040	3000
MLB-160808-0220C15	220	0,150	1500
MLB-160808-0300C20	300	0,100	2000
MLB-160808-0600C10	600	0,200	1000
MLB-201209-0033C40	33	0,035	4000
MLB-201209-0060C40	60	0,035	4000
MLB-201209-0080C50	80	0,020	5000
MLB-201209-0120C50	120	0,020	5000
MLB-201209-0250C30	250	0,040	3000
MLB-201209-0300C30	300	0,040	3000
MLB-201209-0600C20	600	0,100	2000
MLB-201209-1000C10	1000	0,200	1000
MLB-321611-0080C40	80	0,035	4000
MLB-321611-0120C60	120	0,010	6000
MLB-321611-0300C10	300	0,200	1000
MLB-321611-0600C30	600	0,040	3000
MLB-321611-1000C10	1000	0,200	1000

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

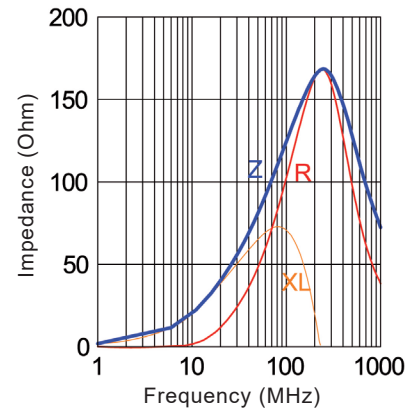
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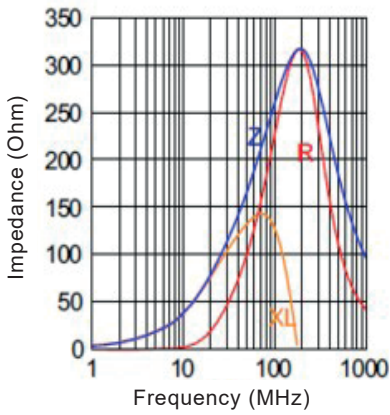
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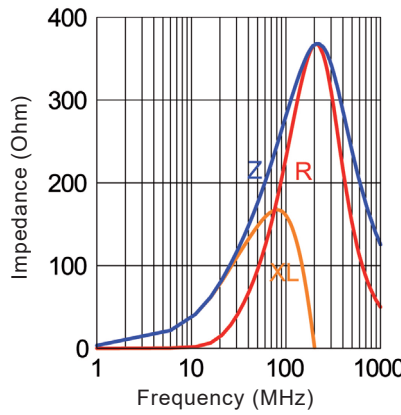
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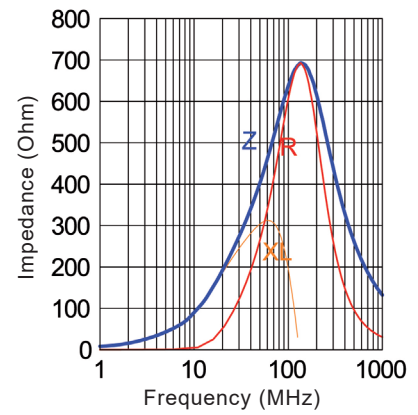
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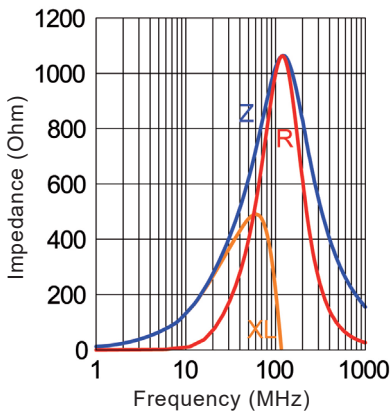
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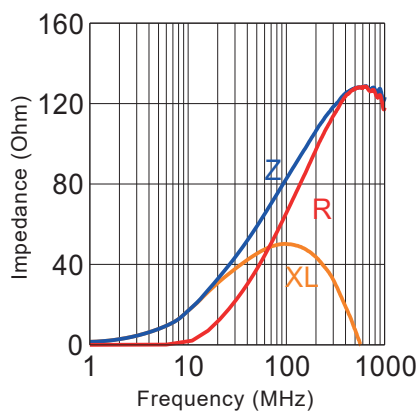
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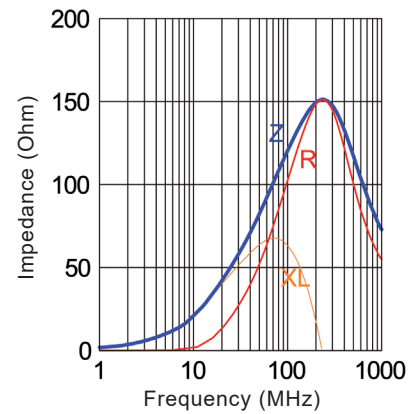
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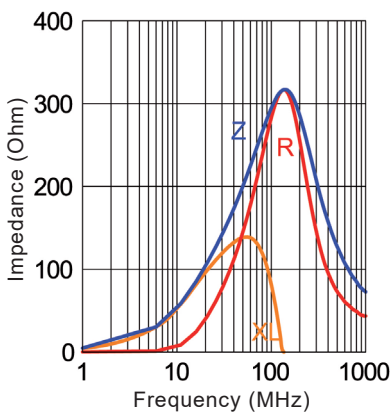
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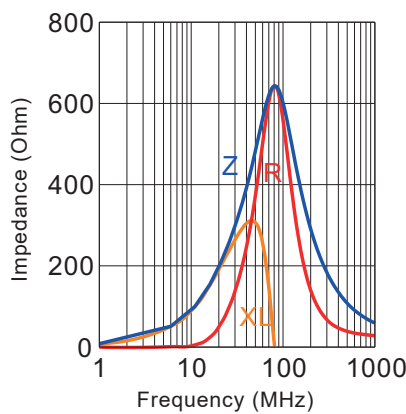
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MLB-321611-0300C10



MLB-321611-0600C30



MLB-321611-1000C10

