

MULTILAYER TYPE

FERRITE CHIP BEAD FOR HIGH SPEED



- Impedance Range: 7 to 2000 Ω .
- Operating Temperature Range: -55°C to +125°C.
- Soldering Method: Reflow or Wave Soldering, suitable for lead free soldering.
- Packaging Method: Tape & Reel (per EIA Specifications).
- Storage Temperature: max. 40°C, RH 70%.
- ROHS compliant.

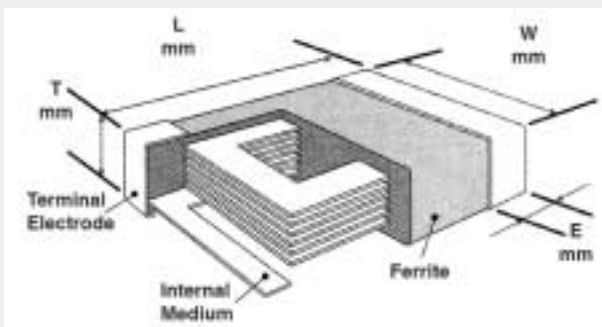


Application Field

- Filtering between analog and digital circuitry, clock generation circuitry, I/O interconnects, isolation between RF noisy circuits and logic devices susceptible to functional degradation, power supply filtering to prevent conducted RF energy from corrupting the power generation circuitry, Sharp impedance characteristics can effectively minimize attenuation, high frequency EMI prevention of LCD Monitor, PDA, Computers, Computer Peripherals, Cellular Equipments, Digital TV, Digital Cameras, Audio/Visual Equipments, DVD, Wireless Communication devices, MP3.

Part Number Code

MLB	160808	-	0020	B	H
Series Name	Size Code		Impedance (ex.0010 =10 Ω \pm 25%)	Classification (A, B, and P)	Rated Current
					A= 50mA
					G= 400mA
					B= 80mA
					H= 500mA
					C= 100mA
					I= 600mA
					D= 150mA
					J= 700mA
					E= 200mA
					K= 800mA
					F= 300mA



Shape and Dimensions

Size code	Size	Length(L)	Width (W)	Thickness (T)	Electrode Width (E)
0603	160808	1.6 \pm 0.15	0.8 \pm 0.15	0.8 \pm 0.15	0.3 \pm 0.2
0805	201209	2.0 \pm 0.2	1.25 \pm 0.2	0.9 \pm 0.2	0.5 \pm 0.3
1206	311611	3.2 \pm 0.2	1.6 \pm 0.2	1.1 \pm 0.2	0.5 \pm 0.3

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Specifications

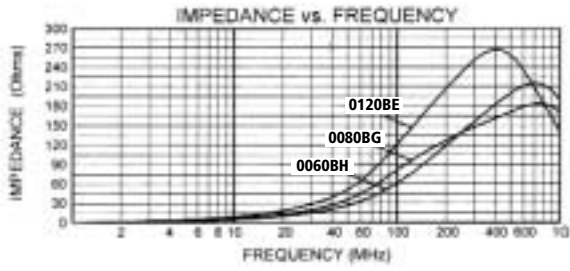
P/N with standard rated current	Impedance (Ω) +/- 25%	Test Freq. (MHz)	DCR max.(Ω)	Standard Rated Current (mA)	Rated Current Selection Chart (mA)								
					A	B	C	D	E	F	G	H	I
MLB-160808-0020BH	20	100	0.25	500	50	80	100	150	200	300	400	500	-
MLB-160808-0060BH	60	100	0.25	500	50	80	100	150	200	300	400	500	-
MLB-160808-0080BG	80	100	0.35	400	50	80	100	150	200	300	400	-	-
MLB-160808-0120BE	120	100	0.45	200	50	80	100	150	200	300	400	-	-
MLB-160808-0240BE	240	100	0.45	200	50	80	100	150	200	300	400	-	-
MLB-160808-0300BE	300	100	0.45	200	50	80	100	150	200	300	400	-	-
MLB-160808-0600BE	600	100	0.50	200	50	80	100	150	200	-	-	-	-
MLB-201209-0100BE	100	100	0.25	200	50	80	100	150	200	300	400	500	600
MLB-201209-0120BE	120	100	0.25	200	50	80	100	150	200	300	400	500	600
MLB-201209-0150BE	150	100	0.25	200	50	80	100	150	200	300	400	500	-
MLB-201209-0220BE	220	100	0.25	200	50	80	100	150	200	300	400	500	-
MLB-201209-0300BE	300	100	0.25	200	50	80	100	150	200	300	400	-	-
MLB-201209-0470BE	470	100	0.35	200	50	80	100	150	200	300	-	-	-
MLB-201209-0600BE	600	100	0.35	200	50	80	100	150	200	300	-	-	-
MLB-321611-0120BE	120	100	0.20	200	50	80	100	150	200	300	400	500	600
MLB-321611-0150BE	150	100	0.25	200	50	80	100	150	200	300	400	500	-
MLB-321611-0300BE	300	100	0.30	200	50	80	100	150	200	300	400	500	-
MLB-321611-0600BE	600	100	0.45	200	50	80	100	150	200	300	400	-	-

200 Standard rated current
150 available option

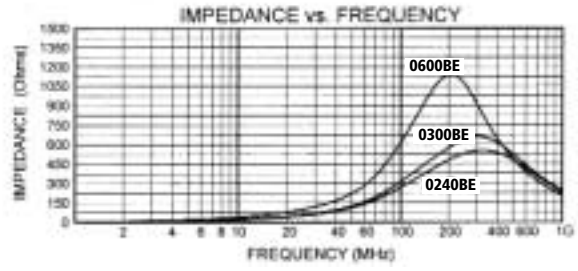
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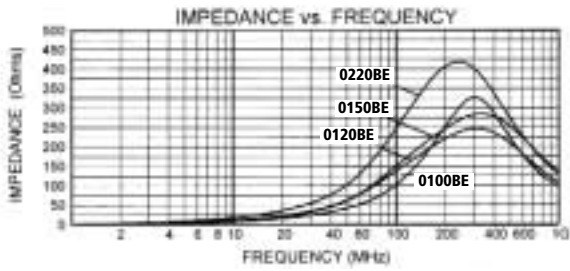
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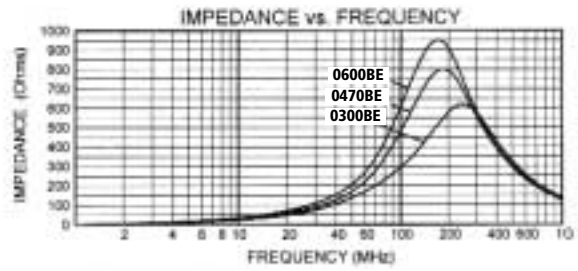
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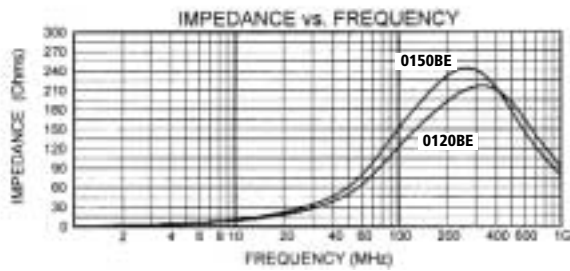
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MLB-201209-0300BE, -0470BE, -0600BE



MLB-321611-0120BE, -0150BE



MLB-321611-0300BE, -0600BE

