

SEM B-SERIES FERRITE CHIP BEADS FOR HIGH CURRENT APPLICATIONS



FEATURES

- Effective EMI Protection**
 B-Series chip beads have a monolithic inorganic material construction that minimizes the effect of electromagnetic interference.
- Low DC Resistance**
 B-Series chip beads have extremely low DC resistance. Low DC resistance characteristics are ideal for noise filtering nearpower line.
- High Current Handling**
 B-series chip beads are designed for high current handling. B-series chip beads are able to withstand currents to a maximum of 6A DC.
- Multiple Size Availability**
 B-series chip beads are available in five compact sizes: 160808, 201209, 321611, 321616, and 453215.

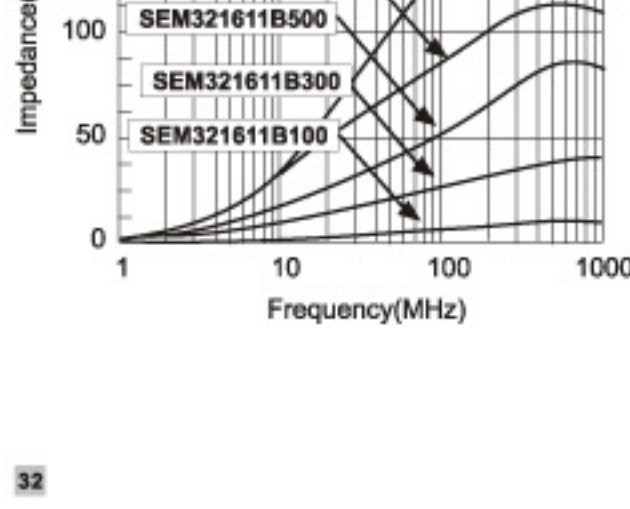


APPLICATIONS

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

- CD-ROMs
- Hard Drives
- Modems
- Monitors
- Motherboards
- Printers

Typical electrical characteristic curves for SEM B-series chip beads. The B-series has low DC resistance suitable for high current applications.



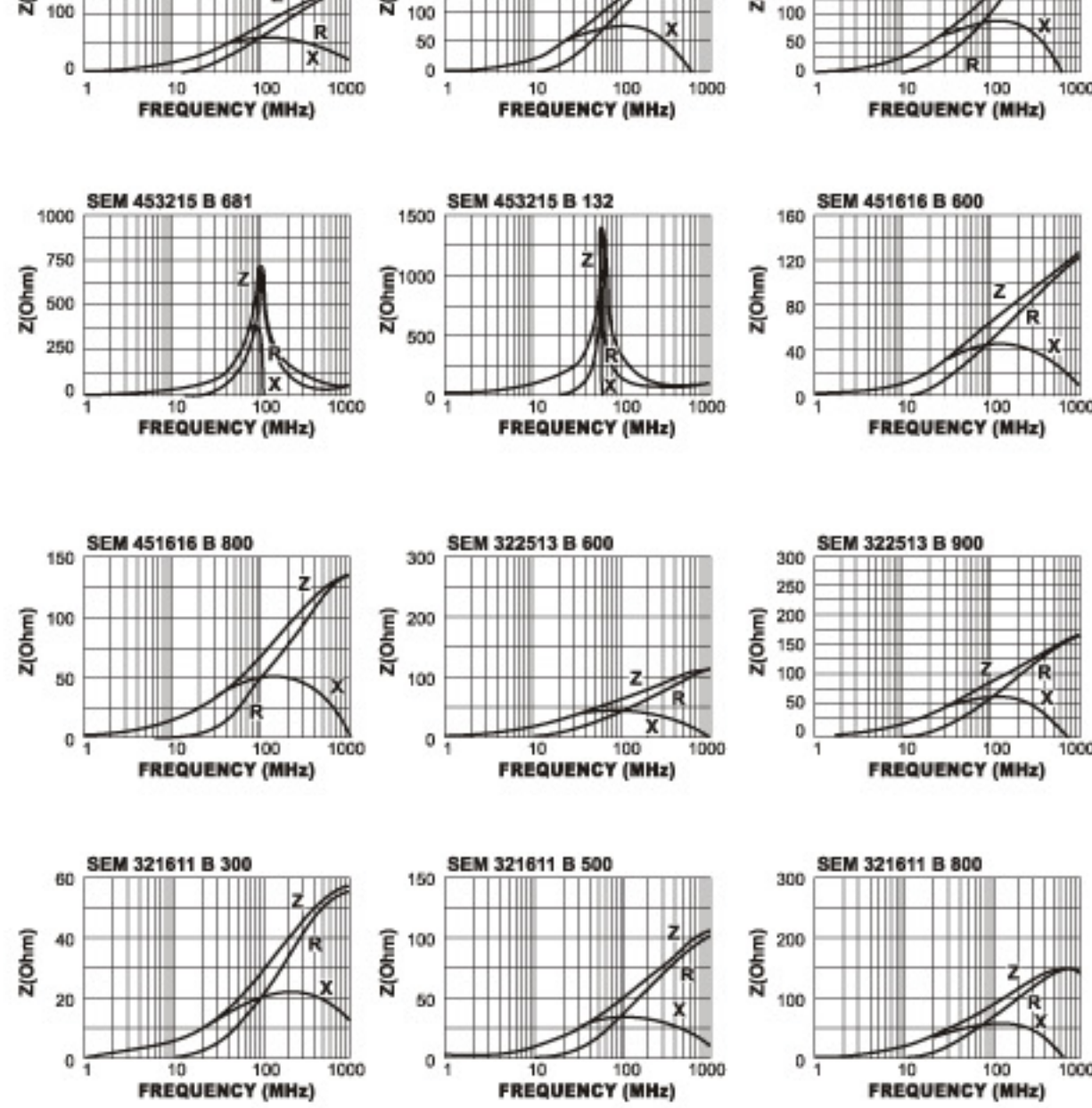
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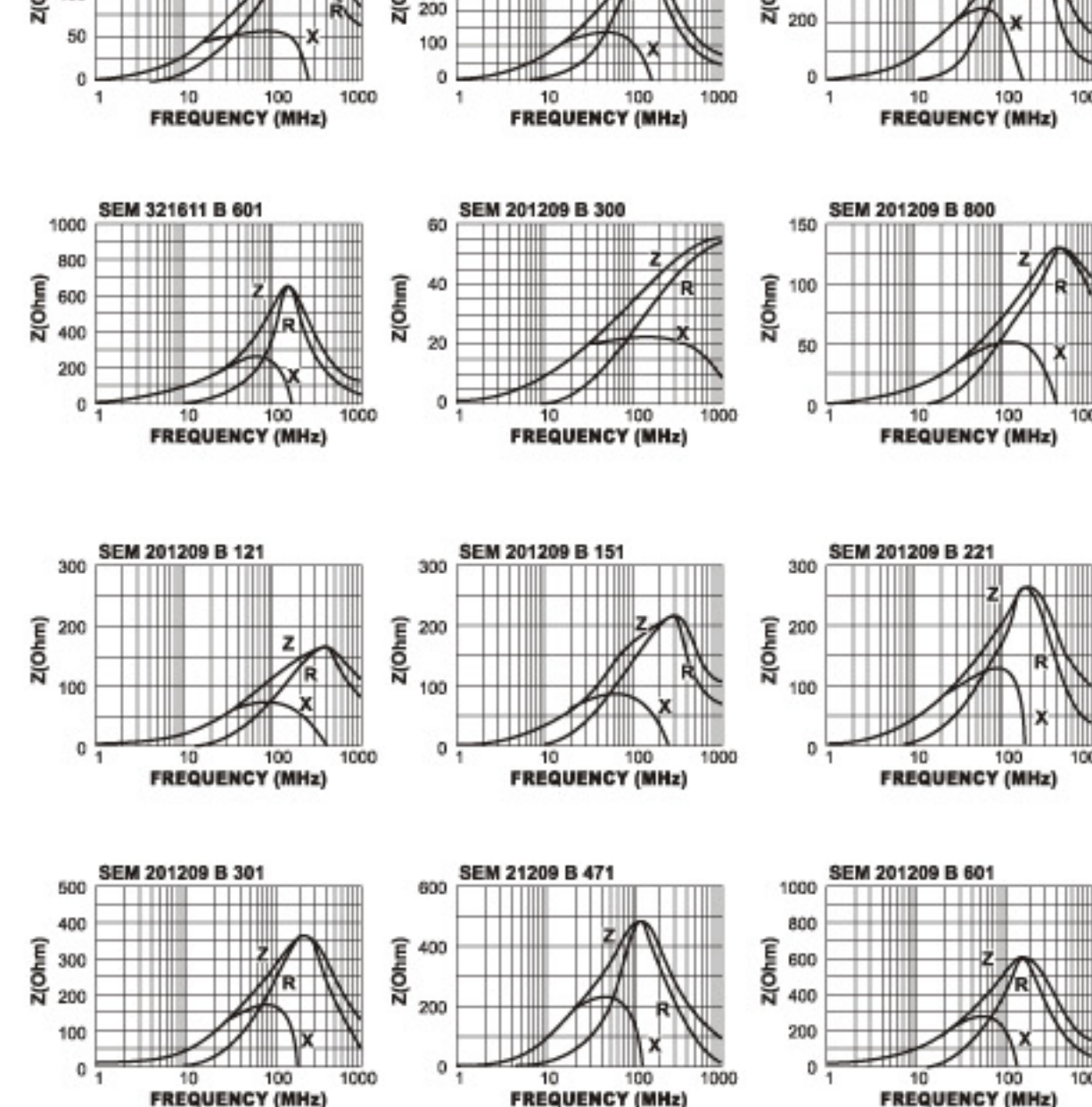
ELECTRICAL CHARACTERISTICS

PART NO	IMPEDANCE(Ω) AT 100MHz	DC RESISTANCE (Ω) MAX	RATED CURRENT (mA) MAX
SEM453215B800	80±25%	0.01	6000
SEM453215B131	130±25%	0.02	6000
SEM453215B151	150±25%	0.02	5000
SEM453215B681	680±25%	0.03	4000
SEM453215B132	1300±25% AT(60MHz)	0.05	3000
SEM451616B600	60±25%	0.01	6000
SEM451616B800	80±25%	0.04	3000
SEM322513B600	60±25%	0.03	4000
SEM322513B900	90±25%	0.10	2000
SEM321611B300	30±25%	0.02	6000
SEM321611B500	50±25%	0.02	6000
SEM321611B800	80±25%	0.04	3000
SEM321611B121	120±25%	0.02	6000
SEM321611B151	150±25%	0.10	2000
SEM321611B301	300±25%	0.20	1000
SEM321611B471	470±25%	0.20	1000
SEM321611B501	500±25%	0.06	2500
SEM321611B601	600±25%	0.10	2500
SEM201209B300	30±25%	0.015	6000
SEM201209B800	80±25%	0.04	3000
SEM201209B121	120±25%	0.03	5000
SEM201209B151	150±25%	0.10	2000
SEM201209B221	220±25%	0.10	2000
SEM201209B301	300±25%	0.10	2000
SEM201209B471	470±25%	0.10	2000
SEM201209B601	600±25%	0.10	2000
SEM160808B300	30±25%	0.04	3000
SEM160808B800	80±25%	0.04	3000
SEM160808B121	120±25%	0.10	2000
SEM160808B151	150±25%	0.10	2000
SEM160808B221	220±25%	0.10	2000
SEM160808B301	300±25%	0.20	1000
SEM160808B471	470±25%	0.20	1000
SEM160808B601	600±25%	0.20	1000

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