

■ FEATURES

Effective EMI Protection

S-Series chip beads have a monolithic inorganic material construction that minimizes the effect of electromagnetic interference and are ideal for noise filtering of power line.

Low DC Resistance

S-series chip beads have lower DC resistance than P-series and are more effective for power saving.

High Current Handling

S-series chip beads are designed for high current handling. S-series chip beads are able to withstand currents to a maximum of 7A DC.

Multiple Size Availability

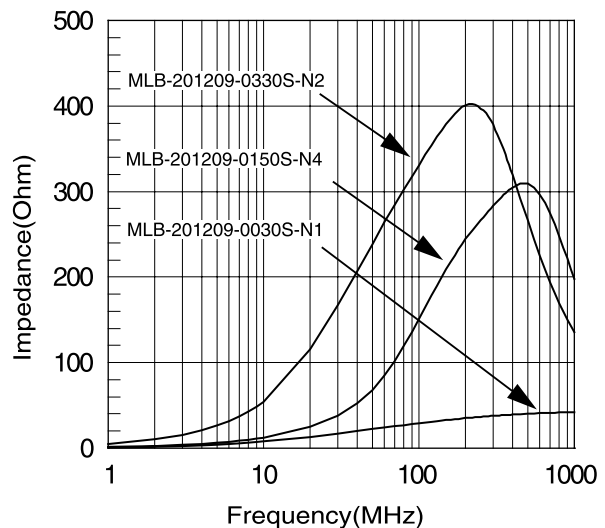
S-series chip beads are available in five compact sizes: 160808, 201209.

■ APPLICATIONS

The MLB-S series is suitable for DC power line like in electrical equipments like:

- PC, notebook PC and peripheral equipment.
- PDA, mobile phone, DSC, DV.
- Battery charger.

Typical electrical characteristic curves for the MLB S-series chip beads. The S-series has lower DC resistance suitable for high current applications.



■ **PRODUCT SPECIFICATIONS**

160808(0603)SIZES

Part Number	Impedance (Ω) at 100 MHz	R _{DC} (Ω) Max.	I _{DC} (mA) Max.	Operating Temp. Range(°C)
MLB-160808-0030S-N1	30 ± 25%	0.015	5000	-55~+125

201209(0805)SIZES

Part Number	Impedance (Ω) at 100 MHz	R _{DC} (Ω) Max.	I _{DC} (mA) Max.	Operating Temp. Range(°C)
MLB-201209-0030S-N1	30 ± 25%	0.01	7000	-55~+125
MLB-201209-0150S-N4	150 ± 25%	0.03	4000	
MLB-201209-0330S-N2	330 ± 25%	0.04	3000	

■ **TYPICAL ELECTRICAL CHARACTERISTIC CURVES**

SIZE: 160808/201209

