

■ 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 current to a maximum of 7A DC.

• Multiple Size Availability

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

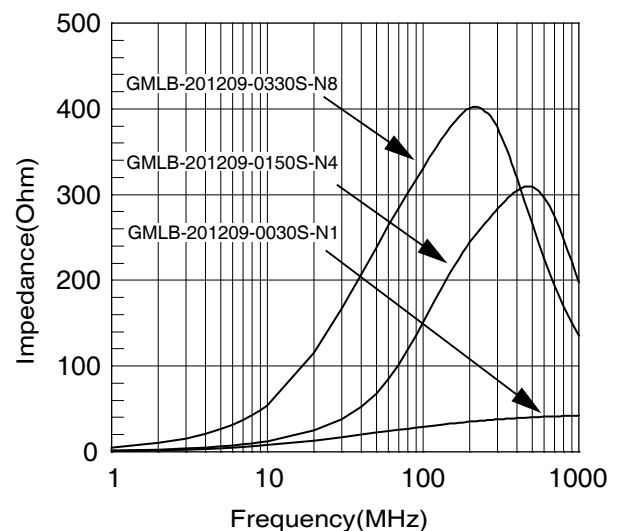
■ APPLICATIONS

The GMLB-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 chargers

■ TYPICAL ELECTRICAL CHARACTERISTIC CURVES

Typical electrical characteristic curves for the GMLB 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($^{\circ}C$)
GMLB-160808-0026S-N1	$26 \pm 25\%$	0.015	6000	-55~+125
GMLB-160808-0030S-N1	$30 \pm 25\%$	0.01	5000	
GMLB-160808-0070S-N1	$70 \pm 25\%$	0.025	3000	
GMLB-160808-0120S-N1	$120 \pm 25\%$	0.04	3000	
GMLB-160808-0220S-N1	$220 \pm 25\%$	0.04	2500	
GMLB-160808-0330S-N1	$330 \pm 25\%$	0.085	1500	

TYPICAL ELECTRICAL CHARACTERISTIC CURVES

SIZE: 160808

