

### ■ FEATURES

#### Effective EMI Protection

W-Series chip beads have a monolithic inorganic material construction that minimizes the effect of electromagnetic interference.

#### Wide Frequency Characteristics

W-series has a modified internal structure that minimizes the stray capacitance and generates high impedance in GHz band.

#### High Soldering Heat Resistance

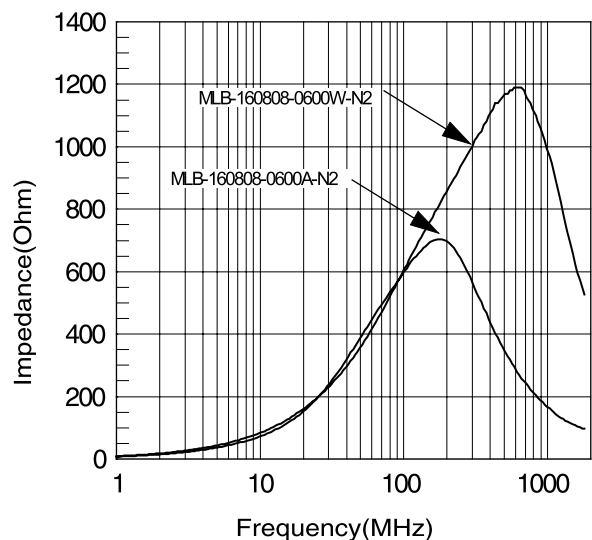
W-series chip beads have high quality termination that allows the applications of both flow and reflow soldering methods.

### ■ APPLICATIONS

W-series chip beads can be used on interference line of electronic equipments that has high speed CPU, high-speed data bus or RF circuit.

Suitable for noise suppression from 500 MHz to GHz.

Typical electrical characteristic curves for MLB W-series chip beads. The W-series covers a wider frequency range and has a wider impedance characteristic than conventional series.



**PRODUCT SPECIFICATIONS**

**160808(0603)SIZES**

Part Number	Impedance ( $\Omega$ ) at 100 MHz	R <sub>DC</sub> ( $\Omega$ ) Max.	I <sub>DC</sub> (mA) Max.	Operating Temp. Range(°C)
MLB-160808-0470W-N2	470 ± 25%	0.8	200	-55~+125
MLB-160808-0600W-N2	600 ± 25%	1.0	200	
MLB-160808-1000W-N2	1000 ± 25%	1.2	100	
MLB-160808-0120W-N3	120 ± 25%	0.4	200	
MLB-160808-0220W-N3	220 ± 25%	0.6	200	
MLB-160808-0330W-N3	330 ± 25%	0.8	200	

**TYPICAL ELECTRICAL CHARACTERISTIC CURVES**

**SIZE: 160808**

