

## MULTILAYER FERRITE CHIP INDUCTORS – MLI SERIES

The multilayer chip inductors use magnetic material and multilayer technology in producing revolutionary inductors which do not use wire windings. Ferrite paste and electric conductor paste are alternately and sintered into a completely monolithic structure to form an inductor with a perfectly closed magnetic circuit and excellent magnetic shield.



### Features

- No cross coupling between inductors due to magnetic shield. Ideal for high density installation.
- Excellent solderability and high heat resistance for either flow or reflow soldering.
- Closed magnetic circuit avoids crosstalk and is suitable for high density PCBs.

### Applications

Personal computers or notebooks, peripheral equipment such as CD-ROM, Hard Disc, Modem, Printers and various other electronic appliances.

### Performance Data

Series	Inductance (uh)	Q Min	Self-Resonant Freq. (MHz) Min	DC Resistance ( $\Omega$ ) Max	Rated Current (ma) Max
MLI160808	0.047 ~ 22.0	15 ~ 35	1 ~ 260	0.30 ~ 2.10	1 ~ 50
MLI201209	0.047 ~ 33.0	10 ~ 45	13 ~ 320	0.20 ~ 1.25	5 ~ 300