## Mag Layers introduces the GMPI series of Multilayer Ferrite Chip Power Inductors for portable devices.

New Series Offers a Wide Selection to Growing trend for more power in a smaller package.

February 2007, Irvine CA- Mag Layers USA, Inc. is proud to announce its GMPI series. The GMPI series is a perfect fit to the ever increasing demand to save power and reduced high frequency loss in most mobile electronic devices. This product comes in a variety of sizes ranges from  $3.2 \times 2.2 \text{ mm}$  to  $1.0 \times 0.8 \text{ mm}$  with a low profile (h = 0.3 - 1.2 mm). Current ranges from 250 mA to 6 A.



The GMPI series is magnetically shielded chip coil based on a multilayer process construction. New magnetic material was developed to get excellent direct current characteristics. There is no cross coupling between inductors due to a low magnetic shield. Lead-free and ideal for high density SMT installation with no directionality. Superior solderability and resistance to soldering heat make them ideal for wave or reflow soldering

The entire series is RoHS compliant, Halogen free, and packaged in 100% lead free composite construction. Please visit their website for a complete listing of sizes and performance ratings. <a href="http://www.maglayersusa.com">http://www.maglayersusa.com</a>

Samples are available in Irvine, CA and current production lead times range from 6 to 8 weeks.

Mag Layers is a world leading manufacturer of Inductors, Ferrite beads, and LTCC components. They produce over a billion components annually. Mag Layers' components are competitively priced and designed in at many of the Fortune 500's top tech firms. Mag Layers USA, Inc. services the North and South American markets.

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