

## **API DELEVAN ANNOUNCES THREE SERIES OF SHIELDED SURFACE MOUNT POWER INDUCTORS**



API Delevan has introduced three new series of shielded surface mount power inductors: SP1812, SP1210, & SP1008. Recognizing the needs of design engineers, these power series are sized to industry standard packages for ease of circuit board layout.

Product Highlights include:

- High current capabilities
- Standard surface mount package sizes
- Magnetically shielded to minimize cross talk allowing for tighter assembly
- Epoxy molded for durability.
- Tight Tolerances down to 2%
- Custom designs are available

Inductance for series SP1008 range from 0.27 $\mu$ H to 100 $\mu$ H and max current ratings from 1.07A DC to 0.102A DC; series SP1210 range from 0.47 $\mu$ H to 390 $\mu$ H and max current ratings from 1.44A DC to 0.080A DC; series SP1812 range from 1.0 $\mu$ H to 390 $\mu$ H and max current ratings from 1.58A DC to 0.136A DC. All operate between -55°C and +125°C and are available with either Traditional Tin-Lead or Lead Free\*, Tin-Silver-Copper termination finishes. (\*Parts comply with EU Directive 2002/95/EC and Applicable Amendments)

Ideal for use in:

- Military, Aerospace and Defense Applications
- Medical Applications
- Automotive Brake Systems
- Electronic Test Equipment
- DC – DC Converters (e.g. Buck-Boost Converters)
- Voltage Regulation
- Environmental Operating Temperature Range -55°C to 125°C

All parts are made in the USA, and custom and tight inductance values are available upon request. Samples can be requested anytime and production lead-time is 4 weeks ARO.

API Delevan, an ISO9001:2000 & AS9100:2004 certified company, offers the world's largest selection of magnetics, including industry standard devices, circuit solution devices and application specific devices. For more information, contact: API Delevan, 270 Quaker Road, East Aurora, New York 14052. (716) 652-3600. Fax: (716) 652-4814. E-Mail: [apisales@delevan.com](mailto:apisales@delevan.com)

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