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## Gowanda Introduces QPL Military-Approved Power Inductors

### “MLP” Series Responds to Market Need for MIL-PRF-27 Components

18 February 2009, Gowanda, NY (USA) - Gowanda Electronics, a designer and manufacturer of precision electronic components for power and RF applications, introduces three “MLP” inductor series which have been added to the military’s Defense Supply Center Columbus (DSCC) Qualified Products List (QPL) for MIL-PRF-27. The military MIL-PRF-27 specification addresses various categories of electronic components, including surface mount power inductors and high current surface mount power inductors for use in electronic and communication applications.

Gowanda’s MLP5025 series is qualified to MIL-PRF-27/367A while the company’s MLP1812 series meets MIL-PRF-27/368A and the MLP8527 series meets MIL-PRF-27/370A. By introducing these lead-containing MLP inductors, Gowanda is responding to a need conveyed by organizations in the military market for more QPL-approved inductor suppliers.

Gowanda’s three MLP series were designed for power applications in military, aerospace and defense communities. This includes use in communication, guidance, and security applications, as well as in radar, test & evaluation, and special mission applications.

In connection with this announcement, David Schaack, President of Gowanda Electronics, said, “Gowanda Electronics is proud of its accomplishments in the defense community, and we are committed to expanding our support of the military market through additional QPL pursuits for power and RF inductor components. With the testing that is now underway, and intended for the future, we are on track to introduce more QPL inductors in 2009 and beyond.”

In order to achieve military qualification Gowanda was required to do extensive qualification testing. This testing was achieved in-house via the company’s comprehensive Environmental Testing Lab. This lab was installed at Gowanda’s headquarters location expressly to support the military market in connection with the company’s plans for increased participation in this sector.

Technical specifications for the discreet part numbers within these series cover the following ranges:

**MLP5025:** Inductance (0.22 to 22000 uH); Current Rating (7.00 to .050 Amps); DCR Max (.0080 to 160 Ohms)

**MLP1812:** Inductance (1.0 to 330 uH); Current Rating (1.050 to .090 Amps); DCR Max (.113 to 15.240 Ohms)

**MLP8527:** Inductance (1.0 to 18000 uH); Current Rating (6.27 to .09 Amps); DCR Max (.009 to 40.0 Ohms)

All three series contain ferrite cores, have an operating temperature range of -55°C to +130°C, and are available in tape and reel packaging.

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*Gowanda Electronics News Release, 18 February 2009, QPL Inductors for MIL-PRF-27, p.2/2*

Product data sheets are available via [http://www.gowanda.com/products\\_qpl/power\\_surface\\_mount.asp](http://www.gowanda.com/products_qpl/power_surface_mount.asp)

Gowanda Electronics can offer variations to these designs in order to meet the specific requirements of an application. Gowanda is also interested in hearing from companies that are looking for partnering opportunities to address customer-specific QPL needs. For design details, custom requirements and/or partnering opportunities please contact Gowanda Electronics at (716) 532-2234 or [sales@gowanda.com](mailto:sales@gowanda.com).

For pricing and delivery information regarding these QPL products please contact Gowanda Electronics.

This announcement about Gowanda's MIL-PRF-27 qualification complements the previously announced QPL approval of Gowanda's MLRF3013 series which meets specific MIL-PRF-83446 requirements for RF inductors. (Refer to <http://www.gowanda.com/company/news.asp> )

The installation of an Environmental Testing Lab on site at Gowanda and the establishment of the necessary programs to pursue QPL qualifications reflect Gowanda Electronics' commitment to the military market segment. Gowanda has other product series under test for QPL approval. To access the current status of Gowanda's QPL progress go to [http://www.gowanda.com/technical\\_library/qpl\\_progress.asp](http://www.gowanda.com/technical_library/qpl_progress.asp).

Additional QPL announcements will be forthcoming as testing is completed. For information about the company's Environmental Test Lab go to: [http://www.gowanda.com/capabilities/environmental\\_lab.asp](http://www.gowanda.com/capabilities/environmental_lab.asp)

*For more Department of Defense QPL information refer to the DSCC website: <http://www.dsccl.dla.mil/>*

*Gowanda Electronics ([www.gowanda.com](http://www.gowanda.com)) is a privately held company that designs, manufactures and supplies precision electronic components for RF and power applications. Components include standard off-the-shelf and custom-designed inductors, chokes, toroids, and other surface mount devices that are used in a wide variety of electronic applications. Gowanda's products are used primarily by OEM companies and other entities interested in high performance electronic component solutions for the equipment and devices they manufacture. Applications include use in test & measurement equipment, medical & diagnostic equipment/devices, industrial automation & control equipment, and instrumentation. Such products are used in a broad range of industries, including process & assembly industries, aviation/aerospace, defense, telecommunications, health care, data processing, security and education. Gowanda's customers include Fortune 500 companies and other significant players in these global markets. The company is certified to AS9100, ISO9001 and ISO13485 quality management standards and offers RoHS compliant products as well as lead-containing components for QPL military/defense and other demanding requirements.*

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