Gowanda Electronics First to Achieve QPL MIL-PRF-27 Level T

“MLP” Series First to be Approved for Qualified Products Listing to MIL-PRF-27 Level T

Gowanda Electronics has achieved the highest level of certification on three surface mount power inductor series. Gowanda’s three “MLP” series have been added to the military’s Defense Logistics Agency (DLA) Land and Maritime Qualified Products List (QPL) for MIL-PRF-27 Level T. This is the highest quality level attainable per the Department of Defense military specification MIL-PRF-27 for components used in high-reliability critical military applications. Gowanda is the first in the industry to offer these Level T components.

Gowanda’s MLP5025-T series is qualified to MIL-PRF-27/367A while the company’s MLP1812-T series meets MIL-PRF-27/368A and the MLP8527-T series meets MIL-PRF-27/370A. By achieving Level T certification on these wirewound molded power inductors, Gowanda is responding to a need conveyed by organizations in the military market for a high-reliability QPL-approved inductor supplier for this mil spec.

These MLP series are designed for power applications in military, space, aerospace and defense communities. This includes use in communication, guidance, and security applications, as well as in radar, test & evaluation, and special mission applications.

The three T Level QPL series from Gowanda allow customers immediate access to higher level environmentally screened inductors. This streamlines the customer’s operations by eliminating the need to create their own internal upscreening documentation.

Gowanda Electronics now offers these Level T products in addition to its MIL-PRF-27 Level M qualified products initially introduced in 2009. The Level T certification

requires more extensive lot conformance testing and inspection than Level M. Each Level T production lot is subjected to 100% thermal shock, burn-in and radiographic inspection in addition to electrical testing. The customer-specific application determines the need to meet Level M or Level T requirements. These series are also suitable for use in non-military high reliability (hi-rel) or high risk applications which warrant a thoroughly tested inductor coil.

For more information, please visit www.gowanda.com [1].

Posted by Ron M. Seidel, Editorial Intern

February 22, 2012

Source URL (retrieved on *03/12/2014 - 1:53pm*):
http://www.wirelessdesignmag.com/news/2012/02/gowanda-electronics-first-achieve-qpl-mil-prf-27-level-t

Links:
[1] http://www.gowanda.com