



## **Excelitas Technologies Expands Family of Avalanche Photodiodes (APDs)**

*New Product Innovations Deliver Enhanced Optical Damage Threshold and Increased Reliability*

**WALTHAM, Mass., April 30, 2013** – Excelitas Technologies, a global technology leader focused on delivering innovative, customized optoelectronics to OEMs seeking high-performance technology solutions, today introduced two new products to its line of industry-leading high-speed, low-light analog APD LLAM receiver modules, the LLAM-1550E-R2AH and the LLAM-1550E-R08BH. Featuring enhanced optical damage thresholds and increased 1550 nm peak response, the LLAM-1550E modules offer greater resilience when exposed to higher optical power densities and increased reliability for a broad range of mission-critical applications.

The LLAM-1550E modules from Excelitas were developed specifically for situations requiring a wide dynamic operating range, high frequency response, extremely low-light detection scenarios such as laser imaging detection, combat, range finding and free-space communication. The modules, hermetically sealed within a TO housing, are capable of detecting extremely low-light signals with a bandwidth up to 200MHz and have an excellent spectral response between 900 – 1700 nm. Excelitas' LLAM series is offered as a standard, RoHS-compliant, commercial off-the-shelf product and can be customized for bandwidth and gain optimization, use of different APDs, and packages.

“We are proud of our legacy in providing mission-critical solutions to our defense and aerospace industries,” said Michael Ersoni, senior vice president and general manager, Excelitas Technologies’ global detection business. “By extending our line of APD offerings with the new LLAM-1550E modules, we continue to deliver innovative, customizable products that meet the specific needs of our customers.”

Excelitas will be displaying the LLAM-1550E modules at the 2013 SPIE Defense, Security, and Sensing show (Booth #1842) from April 30 – May 2, 2013, in Baltimore, Maryland. For additional information on the latest LLAM modules, go to [http://www.excelitas.com/Downloads/DTS\\_LLAM.pdf](http://www.excelitas.com/Downloads/DTS_LLAM.pdf).

### **About Excelitas Technologies**

Excelitas Technologies is a global technology leader focused on delivering innovative, customized solutions to meet the lighting, detection and other high-performance technology needs of OEM customers. From medical lighting to analytical instrumentation, clinical diagnostics, industrial, safety and security, and aerospace and defense applications, Excelitas Technologies is committed to enabling our customers' success in their end-markets. Excelitas Technologies has approximately 3,000 employees in North America, Europe and Asia, serving customers across the world. Connect with Excelitas on [Facebook](#), [LinkedIn](#) and [Twitter](#).

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