

Low-Cost Meets High-End

Automotive Qualified Pulsed Laser Diodes

Bedford, NH: LASER COMPONENTS USA, a specialized provider of laser and optoelectronic components in the US and Canada, will showcase its automotive qualified pulsed laser diodes at SPIE Photonics West booth# 1751, February 05 – 07, 2019 in San Francisco, CA, USA.

The pulsed laser diode model 905D1S3J09UA is qualified to the AEC-Q101 standard, meeting the highest quality standards for use in the automotive industry. The highly reliable pulsed laser diodes are available at 905 nm as a single element design with a peak power up to 110 W. They combine excellent overdrive capabilities with very precise chip alignment inside the hermetic housing. Already successful in ranging and laser scanning applications, these devices are becoming ever more popular for the automotive industry and a key component for LiDAR technology in autonomous driving.

More Information

<https://www.lasercomponents.com/us/product/pulsed-laser-diodes-at-905-nm/>

Datasheet

https://www.lasercomponents.com/fileadmin/user_upload/home/Datasheets/lc-pld/905d1sxxua.pdf

Trade Shows

SPIE Photonics West, February 05 – 07, 2019, San Francisco, USA, **Booth 1751**
ATX West Automation, February 05 – 07, 2019, Anaheim, CA, USA, **Booth 4166**
BREKO, March 27 – 28, 2019, Wiesbaden, Germany
Automate, April 08 – 11, 2019, Chicago, IL, USA, **Booth 8536**
SPIE DCS, April 16 – 18, 2019, Baltimore, MD, USA, **Booth 524**
ANGACOM, June 04 – 06, 2019, Cologne, Germany
Sensors Expo & Conference, June 25 – 27, 2019, San Jose, CA, USA, **Booth 419**
LASER World of PHOTONICS, June 24 – 27, 2019, Munich, Germany
SPIE Optics+Photonics, August 13 – 15, 2019, San Diego, CA, USA

The Company

LASER COMPONENTS specializes in the development, manufacture, and sale of components and services in the laser and optoelectronics industry. At LASER COMPONENTS, we have been serving customers since 1982 with sales branches in five different countries. We have been producing in house since 1986 with production facilities in Germany, Canada, and the United States. In-house production makes up approximately half of our sales revenue. A family-run business, we have more than 220 employees worldwide.