11th Feb. 2014

Press Release

Alternative to Osram's Discontinued PLDs

850 nm Pulsed Laser Diodes from LASER COMPONENTS

LASER COMPONENTS Canada produces pulsed laser diodes (PLDs) at an emission wavelength of 850 nm. The 850 series can be characterized as absolutely reliable; it features a low divergence of 10.5° x 20° and high temperature stability up to +85°C. This PLD has the following parameters: Efficiency: 0.9 W/A, emitter: 150 µm x 1 µm, peak power: 10.5 W, pulse length: 150 ns - this PLD is also suited for significantly shorter pulses up to 1 ns. It is an alternative to Osram's discontinued PLDs.

The 850D1S06x pulsed laser diodes are available as chip on a ceramic submount or in different housings: TO-18, 5.6 mm, 9 mm, 8-32 Coax.

The focus of 850 nm pulsed laser diodes includes applications such as rangefinding, speed monitoring, laser radar, security scanners, or laser light curtains. These PLDs are also used in test and measurement systems.

More Information

http://www.lasercomponents.com/de-en/news/850-nm-pulsed-laser-diodes-3/

Trade Shows

CeBIT 2014, 10. - 14.03.2014, Messe Hannover, **Booth 13.D25**
analytica 2014, Apr., 01. - 04., 2014, Neue Messe München, **Booth A2.400A**
S.E.E. 2014, Apr., 08. - 10., 2014, Kistamässan, Schweden, **Booth C11:49**
Optatec 2014, May, 20. - 22., 2014, Messe Frankfurt, **Booth E01**
Sensor + Test 2014, Jun., 03. - 05.2014, Messe Nürnberg, **Booth 12.117**
maintain 2014, Jun., 03.-06.2014, Neue Messe München, **Booth B6.131**

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 four different countries. We have been producing in house since 1986 with production facilities in Germany, Canada, and the USA. In-house production makes up approximately half of our sales revenue. A family-run business, we have more than 160 employees worldwide.

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