

### Now Available with a Square Cross Section

## Precision Laser for Positioning

LASER COMPONENTS now also offers precision lasers with a square cross section. Precision lasers are laser modules that guarantee maximum parallelism between the laser beam and the housing axis. Their housings have an h6 fit; thus, they can be mated with the corresponding boreholes at zero clearance for highly-exact positioning tasks.

These new precision lasers are quite practical if suitable drilled holes are not present or assembly needs to be carried out on a flat surface. Here, the module is equipped with two M6 boreholes.

The deviation between the housing axis and the laser axis amounts to a maximum of 0.05 mrad – which is equal to 1 mm at a distance of 20 meters. This eye-safe laser module has an output power of 1 mW and is available at a wavelength of 635 nm. Other wavelengths and other output powers are also available.

### More Information

<http://www.lasercomponents.com/de-en/product/precision-laser-modules/>

### Trade Shows

**Photonics West 2015**, Feb, 10 - 12, 2015, Moscone Center, San Francisco, USA, **Booth 2023**  
**OFC 2015**, Mar, 24-26, 2015, Los Angeles Convention Center, Los Angeles, **Booth 2424**  
**DSS 2015**, Apr 21-23, Baltimore Convention Center, Baltimore, MD, **Booth 1125**  
**Sensor+Test 2015**, May, 19 - 21, 2015, Messe Nürnberg, Germany, **Booth 12.117**  
**Anga Com 2015**, Jun, 09 - 11, 2015, Messe Köln, Germany  
**LASER. World of Photonics 2015**, Jun, 22 - 25, 2015, Messe München, Germany, **Booth B3.303**

### 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 170 employees worldwide.