

## Laser Component with Pigtail <sup>1)</sup>



### Preliminary Data

The Laser Component (**Low or High power**) is a laser transmitter component designed for use in the 1310/1610 nm optical window and data rates up to 2.7 Gbps.

### Features

- Low Power variant (<0.5mW), High Power variant (>2mW)
- Application up to 2.7 Gbit/s
- Full customizable electrical pinning
- Ternary photodiode at rear mirror for monitoring and controlling the radiant power
- -40°C to +85°C operating temperature range
- Single mode fiber pigtail with full range of connectors, coaxial package with flange
- Integrated silicon optics for highest fiber coupling efficiencies
- Uncooled operation, direct modulation
- Hermetically sealed TO can for high reliability
- Class 3B laser product

### General Applications

- Long reach SONET/SDH up to OC-48/STM-16
- CWDM
- Gigabit Ethernet
- Fiber Channel
- RF return channel in PON and HFC systems
- Test and measurement
- Industry automation

---

<sup>1)</sup> Symbolic picture only – the actual pin layout may be different.