



# 633nm, 50mW Fiber-Coupled Laser Diode

4µm Single-Mode Fiber, FC/PC Connector

## RLS / 633NM-50MW-4UM-SMF

### **OPTICAL SPECIFICATIONS**

- Output Wavelength: 633 nm ±5 nm
- Output Power: 50 mW
- Spectral Width (FWHM): 2.0 nm
- Wavelength Temp. Coefficient: 0.2 nm/°C
- Beam Type: Gaussian Beam
- Laser Type: Fabry-Perot
- Includes Integrated Photodiode

#### FIBER SPECIFICATIONS

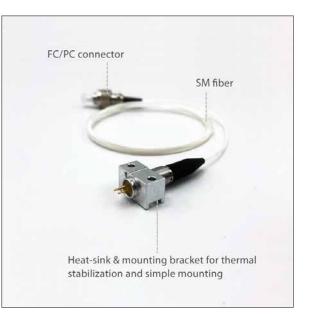
- Fiber Type: Single Mode Fiber
- Fiber Core: 4 µm
- N.A.: 0.12
- Fiber Length: >80 cm
- Fiber Connector: FC/PC (Other Types Available; Inquire)

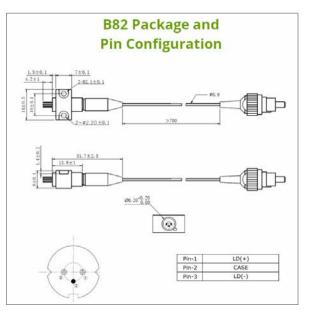
#### **ELECTRICAL SPECIFICATIONS**

- Threshold Current: 60 mA (typ)
- Operating Current: 200 mA (typ)
- Operating Voltage: 2.7 V (typ)
- Max LD Reverse Voltage: 2.0 V

#### **GENERAL SPECIFICATIONS**

- Operating Temperature Range: -10°C 20°C
- Recommended Operating Temp: ≤18°C
- Storage Temperature Range: -40°C 85°C
- Lead Soldering Temperature: 260°C, 10 sec.





www.LaserLabSource.com phone: 800-887-5065 670 South Ferguson Bozeman, MT 59718