



# 480nm, 20mW Fiber-Coupled Laser Diode

3µm Single-Mode Fiber, FC/PC Connector

## **RLS / 480M-20MW-SMF**

### **OPTICAL SPECIFICATIONS**

- Output Wavelength: 480 nm ±5 nm
- Output Power: 20 mW
- Spectral Width (FWHM): 2.0 nm
- Wavelength Temp. Coefficient: 0.05 nm/°C
- Beam Type: Gaussian Beam
- Laser Type: Fabry-Perot

#### **FIBER SPECIFICATIONS**

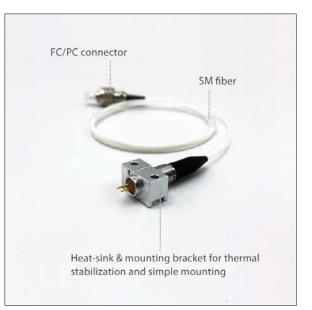
- Fiber Type: Single Mode Fiber
- Fiber Core: 3 µm
- N.A.: 0.12
- Fiber Length: >80 cm
- Fiber Connector: FC/PC (Other Types Available; Inquire)

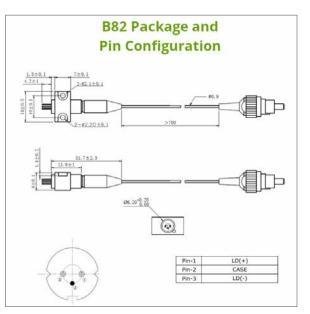
#### **ELECTRICAL SPECIFICATIONS**

- Threshold Current: 35 mA (typ)
- Operating Current: 140 mA (typ)
- Operating Voltage: 6.5 V (typ)
- Max LD Reverse Voltage: 2.0 V

#### **GENERAL SPECIFICATIONS**

- Operating Temperature Range: -10°C 60°C
- Recommended Operating Temp: 25°C
- Storage Temperature Range: -40°C 85°C
- Lead Soldering Temperature: 260°C, 10 sec.





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