

520nm, 50mW Fiber-Coupled Laser Diode

9µm Single-Mode Fiber, FC/PC Connector

RLS / 520NM-50MW-SMF-9UM

OPTICAL SPECIFICATIONS

- Output Wavelength: 520 nm ±10 nm
- Output Power: 50 mW
- Spectral Width (FWHM): 2.0 nm
- Wavelength Temp. Coefficient: 0.05 nm/°C
- Laser Type: Fabry-Perot

FIBER SPECIFICATIONS

Fiber Type: SMF-28Fiber Core: 9 µm

• N.A.: 0.12

• Fiber Length: >80 cm

• Fiber Connector: FC/PC (Other Types Available; Inquire)

ELECTRICAL SPECIFICATIONS

• Threshold Current: 65 mA (typ)

Operating Current: 270 mA (typ)

• Operating Voltage: 7.0 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.



