



520nm, 50mW Fiber-Coupled Laser Diode

3µm Single-Mode Fiber, FC/PC Connector

RLS / 520NM-50MW-SMF

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

• 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: 70 mA (typ)

• Operating Current: 290 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.



