



400nm, 15mW Fiber-Coupled Laser Diode

with Photodiode, SM Fiber, FC/PC Connector

RLS / 400NM-15MW-PD-SMF

OPTICAL SPECIFICATIONS

• Output Wavelength: 400 nm ±5 nm

• Output Power: 15 mW

• Spectral Width (FWHM): 2.0 nm

• Wavelength Temp. Coefficient: 0.05 nm/°C

• Beam Type: Gaussian Beam

• Laser Type: Fabry-Perot

• Includes Integrated Photodiode

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: 90 mA (typ)

• Operating Voltage: 5.0 V (typ)

• Max LD Reverse Voltage: 2.0 V

PD Current: 0.3 mA

• PD Reverse Voltage Max: 30 V

GENERAL SPECIFICATIONS

• Operating Temperature Range: -10°C - 70°C

• Recommended Operating Temp: 25°C

Storage Temperature Range: -40°C – 85°C

• Lead Soldering Temperature: 260°C, 10 sec.



