



# 525nm, 4 Watt Fiber-Coupled Laser Diode

## 105µm Fiber, FC Connector

### RLS / 525NM-4W-105UM

#### OPTICAL SPECIFICATIONS

- Wavelength: 525nm  $\pm$ 5nm
- Output Power: 4 Watt
- Spectral Width (FWHM): 2 nm
- Wavelength Shift with Temp.: 0.06 nm/°C

#### FIBER SPECIFICATIONS

- Core Diameter: 105 µm Fiber
- NA: 0.22
- Connector: FC (SMA905 Optional)
- Optional Spot Homogenizing Device Available (Inquire)

#### ELECTRICAL SPECIFICATIONS

- Threshold Current: 300 mA
- Operating Current: < 2.0 A
- Operating Voltage: 12 VDC x 2 Channels
- Includes Internal Thermistor

#### ENVIRONMENTAL SPECIFICATIONS

- Operating Temperature Range: -40°C to 55°C
- Storage Temperature Range: -55°C to 70°C
- Relative Humidity: 20 ~ 80%
- Lead Soldering Temperature: 260°C
- Lead Soldering Time: 10 s

#### PACKAGE

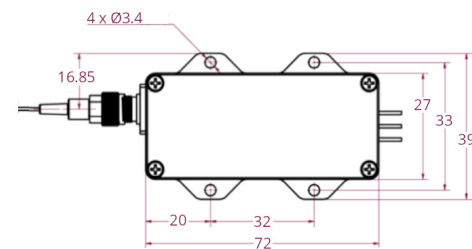
- Weight: 280 g
- Dimensions: 72.0 mm x 44.0 mm x 21.0 mm

#### FIBER-COUPLED GREEN LASER DIODE

FC connector standard  
105µm fiber



**COMPACT PACKAGE**  
72 mm x 44 mm x 21 mm



dimensions in mm  
illustrated with external fiber (not included)