



525nm, 1 Watt Fiber-Coupled Laser Diode 105µm Fiber, FC Connector

RLS / 525NM-1W-105UM

OPTICAL SPECIFICATIONS

- Wavelength: 525nm \pm 5nm
- Output Power: 1 Watt
- Spectral Width (FWHM): 2 nm
- Wavelength Shift with Temp.; 0.06 nm/ $^{\circ}$ 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: 6 VDC

ENVIRONMENTAL SPECIFICATIONS

- Operating Temperature Range: -40 $^{\circ}$ C to 55 $^{\circ}$ C
- Storage Temperature Range: -55 $^{\circ}$ C to 70 $^{\circ}$ C
- Relative Humidity: 20 ~ 80%
- Lead Soldering Temperature: 260 $^{\circ}$ C
- Lead Soldering Time: 10 s

PACKAGE

- Weight: 150 g
- Dimensions: 34.0 mm x 20.0 mm x 15.0 mm

