RLS-1064/600 SPECIFICATIONS

LASER SPECIFICATIONS

- CW Output Power (min): 600 mW
- Center Wavelength: 1064 nm (±0.5 nm)
- Spectral Width: < 0.1 nm
- Temperature Tuning Coefficient: 0.01 nm/°C
- Current Tuning Coefficient: 0.05 nm/A
- Side Mode Suppression Ratio (FWHM): > 40 dB
- Slope Efficiency: 0.7 W/A

FIBER AND CONNECTOR

- Fiber Core Diameter: 105 μm
- Numerical Aperture: 0.22 NA
- Connector: FC/PC or SMA905 (specify @ time of order)

ELECTRICAL SPECIFICATIONS

- Threshold Current: 0.2 A
- Operating Current: 1.5 A
- Operating Voltage: 1.8 V
- TEC max Current: 2.2 A
- TEC max Voltage: 8.7 V
- Monitor Photodiode Range: 2000 μA
- Thermistor: 10 (±5%) kΩ (@25°C)

PRIMARY APPLICATIONS

- Raman Spectroscopy
- Analytical Instruments
- Biological Research