

# SLD6163RL

## Dual wavelength Laser Diode

### Description

The SLD6163RL is a dual wavelength laser diode designed for DVD, CD and CD-R/RW playback.

### Features

- Dual wavelength 650 nm/780 nm
- Low noise operation without high-frequency superposing circuit

### Applications

DVD, CD and CD-R/RW playback

### Structure

- AlGaInP quantum well structure laser diode
- PIN photo diode for optical power output monitor

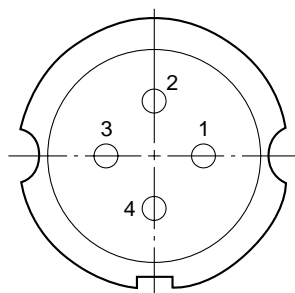
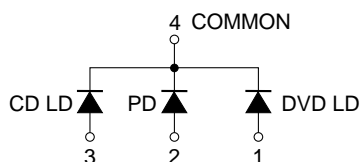
### Recommended Optical Power Output

4 mW (DVD), 4 mW (CD)

### Absolute Maximum Ratings (T<sub>c</sub> = 25 °C)

• Optical power output	P <sub>omax</sub> (DVD)	5	mW
	(CD)	7	mW
• Reverse voltage	V <sub>R</sub> LD	2	V
	PD	20	V
• Operating temperature	T <sub>opr</sub>	−10 to +70	°C (Case temperature)
• Storage temperature	T <sub>stg</sub>	−40 to +85	°C (Ambient temperature)

### Connection Diagram / Pin Configuration



Bottom View

1. DVD LD anode
2. PD anode
3. CD LD anode
4. COMMON