

## 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

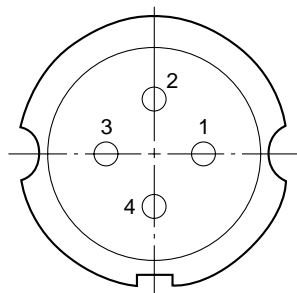
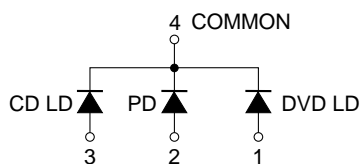
#### Recommended Optical Power Output

4 mW (DVD), 4 mW (CD)

#### Absolute Maximum Ratings (Tc = 25 °C)

● Optical power output	Pomax (DVD)	5	mW
	(CD)	7	mW
● Reverse voltage	VR LD	2	V
	PD	20	V
● Operating temperature	Topr	-10 to +70	°C (Case temperature)
● Storage temperature	Tstg	-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