

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

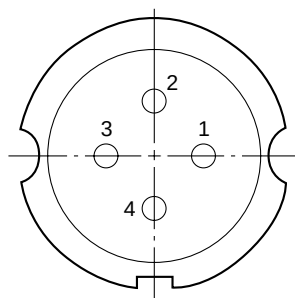
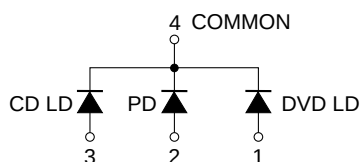
Recommended Optical Power Output

4 mW (DVD), 4 mW (CD)

Absolute Maximum Ratings (T_c = 25 °C)

● Optical power output	P _{omax} (DVD)	5	mW
	(CD)	7	mW
● Reverse voltage	V _R LD	2	V
	PD	20	V
● Operating temperature	T _{opr}	−10 to +70	°C (Case temperature)
● Storage temperature	T _{stg}	−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