

## 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

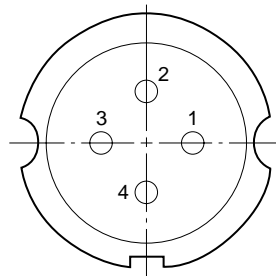
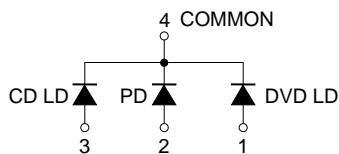
#### Recommended Optical Power Output >>>

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 >>>



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

Bottom View