



# SLDP-1550-2-SM

CHANGCHUN NEW INDUSTRIES  
OPTOELECTRONICS TECH CO., LTD.

## ■ Features

- 1550nm
- FP Laser Diode
- Built-in Photodiodes
- 9um SM Fiber
- Isolation Optional
- Coaxial/Receptacle Package



## ■ Absolute Maximum Ratings

Parameter	Symbol	Value	Unit
LD Reverse Voltage	V <sub>r</sub>	2.0	V
PD Reverse Voltage	V <sub>r(PD)</sub>	15	V
Operating Temperature	T <sub>op</sub>	-40 ~ +85	°C
Storage Temperature	T <sub>stg</sub>	-40 ~ +100	°C
Lead Soldering Temperature (10sec)	T <sub>is</sub>	260	°C

## ■ Initial Electrical/Optical Characteristics

Item	Symbol
Center Wavelength @ 25°C	1550±10nm
Laser Type	FP
Spectral Width (FWHM)	1nm
Output Power	2mW
Fiber Type	SM Fiber
Fiber Core	9um
Recommend Operating Temperature	25°C
Threshold Current (Typ.)	5mA
Operating Current (Typ.)	30mA
Operating Voltage	1.3V
SMSR	35dB
PD Capacitance	----
Package Style	Pigtail (Receptacle Optional)

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### ◆ CONTACT

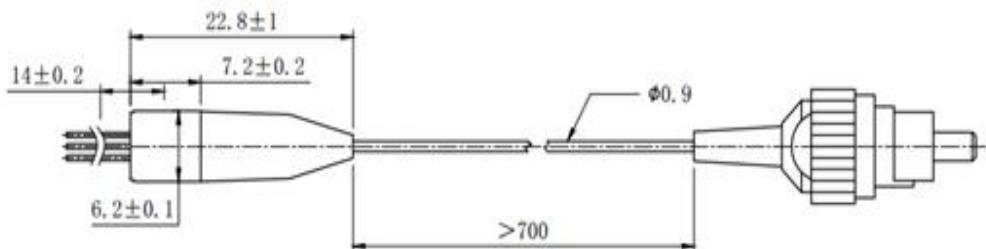
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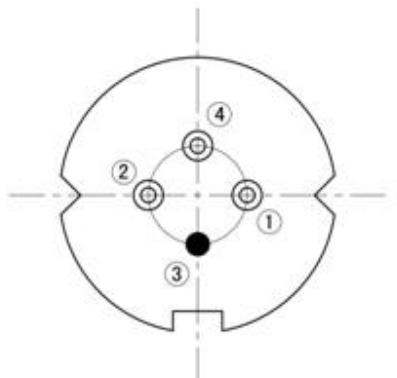
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## Coaxial Package View

mm



## Bottom View



1	PD(+)
2	LD(-)
3	LD(+)
4	PD(-)

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