



SLDP-1310-3-SM

■ Features

1310nm
DFB Laser Diode
Built-in Photodiodes
9um SM Fiber
Isolation Optional
Coaxial/ Receptacle Package



■ Absolute Maximum Ratings

Parameter	Symbol	Value	Unit
LD Reverse Voltage	V _r	2.0	V
PD Reverse Voltage	V _{r(PD)}	15	V
Operating Temperature	Top	-40 ~ +85	°C
Storage Temperature	T _{stg}	-40 ~ +100	°C
Lead Soldering Temperature (10sec)	T _{is}	260	°C

■ Initial Electrical/Optical Characteristics

Item	Symbol
Center Wavelength @ 25°C	1310±10nm
Laser Type	DFB
Spectral Width (FWHM)	0.2nm
Output Power	3mW
Fiber Type	SM Fiber
Fiber Core	9um
Connector	FC/SC/SMA905
Recommend Operating Temperature	25°C
Threshold Current (Typ.)	5mA
Operating Current (Typ.)	25mA
Operating Voltage	1.3V
SMSR	35dB
PD Capacitance	10pF
Package Style	Pigtail (Receptacle Optional)

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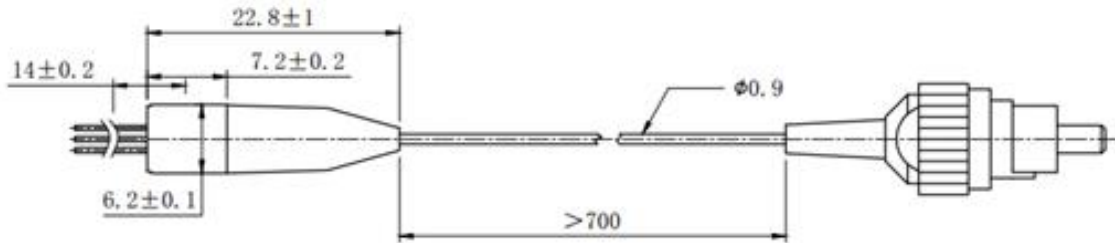
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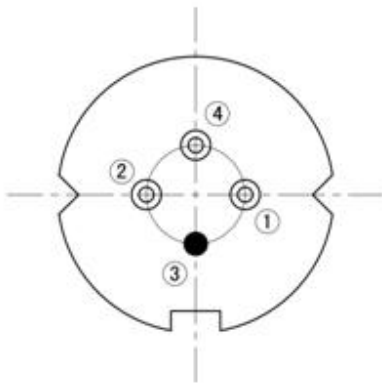
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Coaxial Package View



Bottom View



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

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