

■ Features

1550nm
DFB Laser Diode
Built-in Photodiodes
Polarization Maintaining Fiber
9um Fiber Core
Coaxial Package



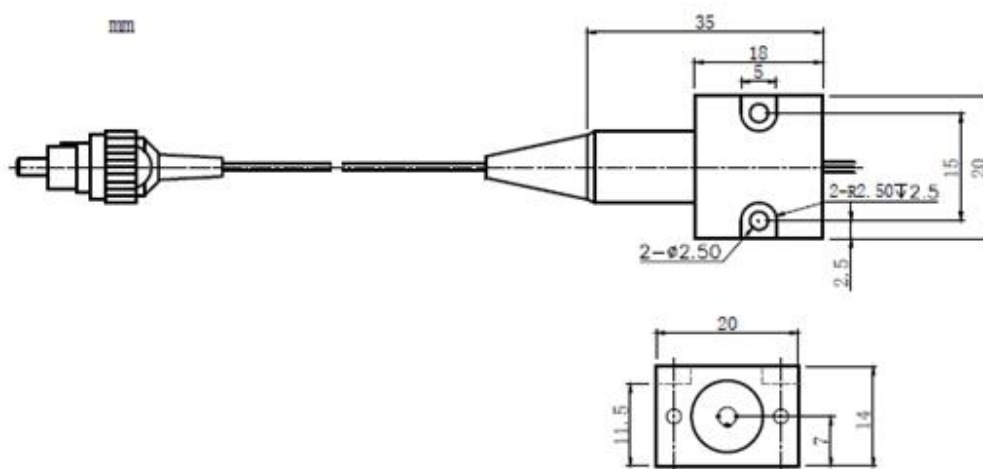
■ Absolute Maximum Ratings

Parameter	Symbol	Value	Unit
LD Reverse Voltage	V_r	2.0	V
PD Reverse Voltage	$V_{r(PD)}$	15	V
Operating Temperature	T_{op}	-10 ~ +50	°C
Storage Temperature	T_{stg}	-20 ~ +85	°C
Lead Soldering Temperature (10sec)	T_{is}	260	°C

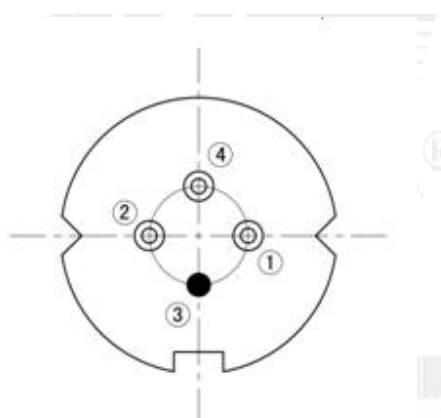
■ Initial Electrical/Optical Characteristics

Item	Symbol
Center Wavelength @ 25°C	1550±10nm
Laser Type	DFB
Spectral Width (FWHM)	0.2nm
Output Power	10mW
Fiber Type	PM Fiber
Fiber Core	9um
Fiber Length	>80cm
Recommend Operating Temperature	25°C
Threshold Current (Typ.)	5mA
Operating Current (Typ.)	80mA
Operating Voltage	1.4V
SMSR	35dB
PD Capacitance	10pF
Package Style	Coaxial
Connector	FC/SMA905

Coaxial Package View



Bottom View



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