

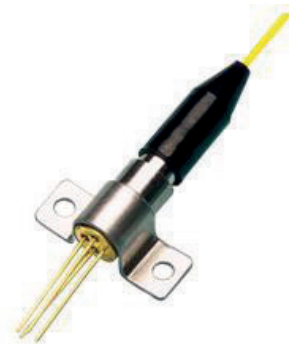
PARAMETER	SYMBOL	VALUE	UNIT
LD Reverse Voltage	$V_r$	2.0	V
PD Operating Current	$I_{f(PD)}$	2.0	mA
PD Reverse Voltage	$V_{r(PD)}$	15	V
Operating Temperature	$T_{op}$	-10~+85	°C
Storage Temperature	$T_{stg}$	-40 ~ +85	°C
Lead soldering temperature (10 sec.)	$T_{is}$	260	°C

#### Features:

- 1550nm (1470nm~1610nm Optional)
- FP Laser Diode
- Built-in Monitor
- 9um Fiber Core
- 0.5~2mw output power
- Isolation Optional
- 1.25Gb/s , 2.5Gb/s Optional
- Coaxial/Receptacle package

#### Applications:

- Test Equipments
- Optical Bidi Module and Optical Receiver
- Optical Transmitter of Analog Signal
- Optical Transmitter of Data Signal



#### Specifications

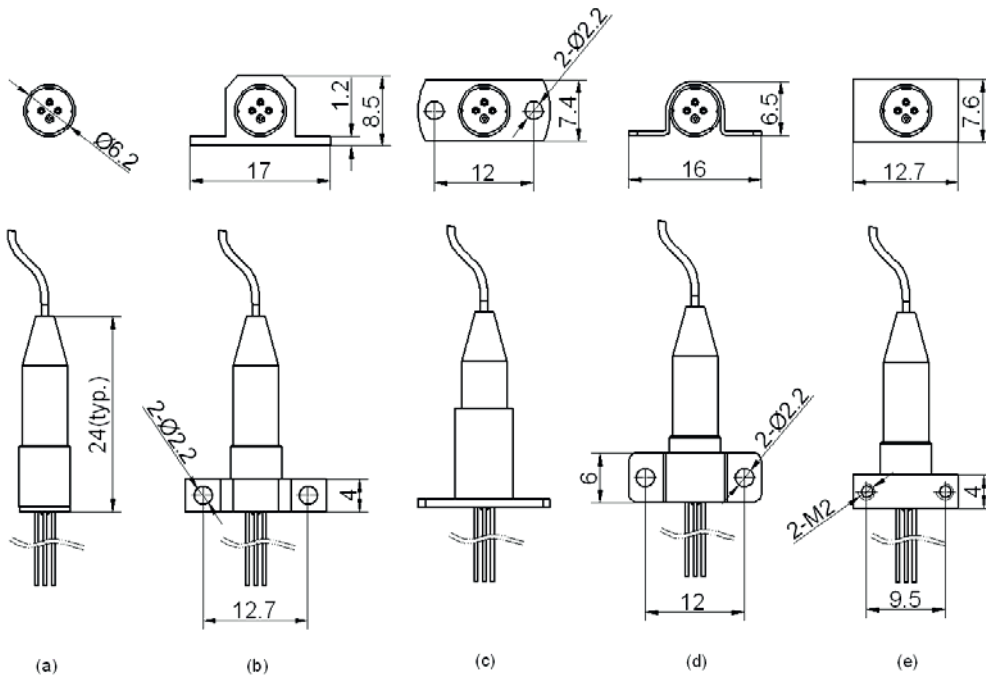
#### WSLP-1550-002m-9-FP

	Min	Type	Max
Center Wavelength@25°C	1520nm	1550nm	1580nm
Laser Type	FP		
Output Power	0.5mw	2mw	4mw
Fiber Core	9um		
Threshold Current (Typ.) $I_{th}$	5mA	----	15mA
Forward Voltage	----	1.1V	1.6V
Monitor current	0.1mA	- - - -	- - - -
PD Capacitance	----	10pF	15pF
PD Dark Current	----	----	0.1uA
Side Mode Suppression Ration	30dB	35dB	----
Package style	Pigtailed		Receptable
Data Rate	1.25Gb/s		2.5Gb/s
Isolation	with		without
Connector Pin	TypeA		TypeB
Fiber Connector	FC/SC/ST/LC/MU		



# 2M Lasers

## Coaxial Package View



**Electrically shorten LD module and store in non-extreme conditions.  
Suggest using the constant current power supply.**