

1550nm 3mw DFB SM Pigtailed Laser Diode with 9um SM Fiber | Coaxial Package

1550nm Fiber Coupled LD with Single Mode Fiber (SMF)

WSLP-1550-003m-9-DFB

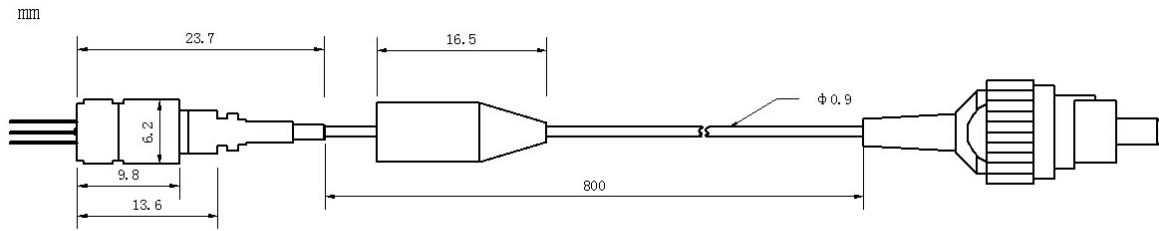
Wavespectrum laser Group

www.wavespectrum-laser.com

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 - DFB Laser Diode - Built-in Photodiodes 9um SM Fiber - Isolation Optional				
Applications:				
- Test Equipments - Optical Transmitter of Analog Signal - Optical Transmitter of Data Signal - Others				
Specifications		WSLP-1550-003m-9-DFB		
		Min	Type	Max
Center Wavelength@25℃		1530nm	1550nm	1570nm
Laser Type		DFB		
Output Power		----	2mw	----
Fiber Core		9um		
Threshold Current (Typ.) I _{th}		5mA	----	15mA
Operating Current		----	35mA	----
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	----
Built-in Isolator		Optional		
Connector Pin		A-type (B-type Optional)		
Fiber Connector		FC (SC/ST/LC Optional)		
Package		Coaxial (Receptacle Optional)		

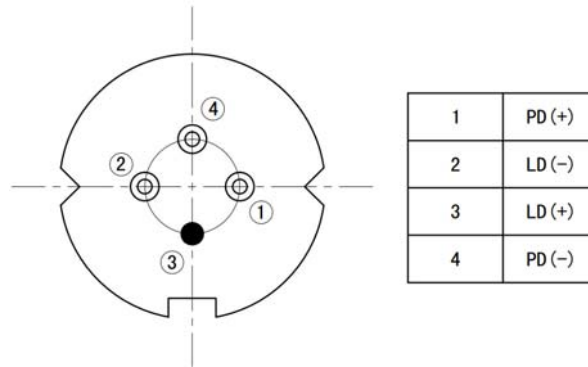


Coaxial Package View

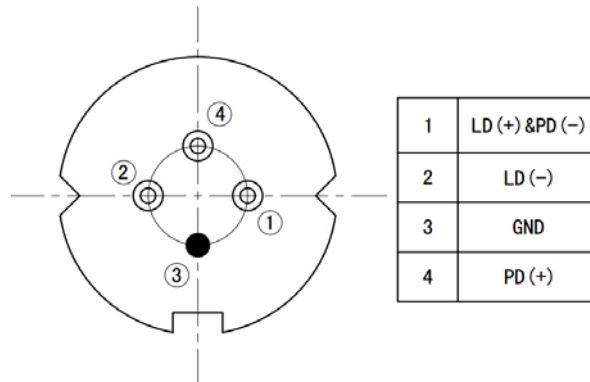


Bottom View

A-Type:



B-Type:



Electrically shorten LD module and store in non-extreme conditions.

Suggest using the constant current power supply.

