

1310nm 15mW DFB Coaxial Pigtailed Laser Diode (LD) with 9um SMF

1310nm High Power SM Fiber Coupled Diode Laser with Single Mode Fiber (SM Fiber)

WSLP-1310-015m-9-DFB

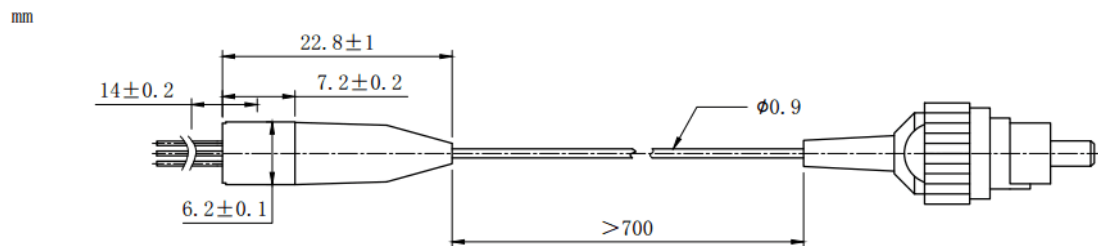
Wavespectrum Laser Group

www.wavespectrum-laser.com

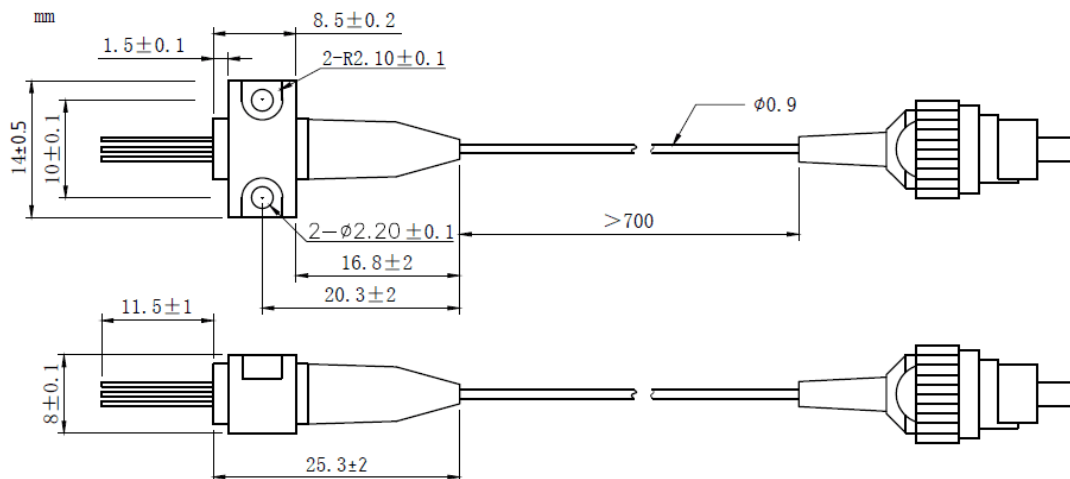
PARAMETER	SYMBOL	VALUE		UNIT
LD Reverse Voltage	V_r	2.0		V
PD Reverse Voltage	$V_{r(PD)}$	15		V
Operating Temperature	T_{op}	-20 ~ +50		°C
Storage Temperature	T_{stg}	-40 ~ +100		°C
Lead soldering temperature (10 sec.)	T_{is}	260		°C
Features:				
1310nm - DFB Laser Diode - Built-in Photodiodes 9um SM Fiber - Isolation Optional - Coaxial or B85 Package				
Applications:				
- Test Equipments - Optical Transmitter of Analog Signal - Optical Transmitter of Data Signal				
Specifications		WSLP-1310-015m-9-DFB		
		Min	Type	Max
Center Wavelength@25°C		±3nm	1310nm	±10nm
Laser Type		DFB		
Output Power		----	15mW	----
Fiber Core		9um SM Fiber		
Threshold Current (Typ.) I_{th}		----	5mA	15mA
Operating Current		----	80mA	100mA
Operating Voltage		----	1.4V	1.7V
Spectral Width(FWHM)		----	----	3nm
SMSR		----	35dB	----
Monitor Current		0.1mA	----	----
PD Capacitance		----	10pF	20pF
PD Dark Current		----	----	0.1uA
Package Style		Coaxial or B85		
Recommended Operation Temperature		25°C		
Connector		FC/SC/SMA905		



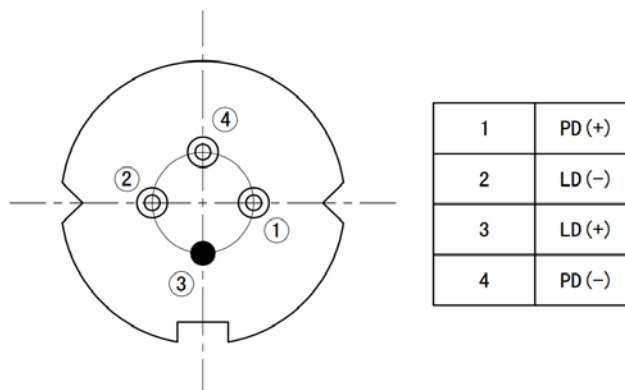
Coaxial Package View: (Part Number: WSLP-1310-015m-9-DFB)



B85 Package View: (Part Number: WSLP-1310-015m-9-B-DFB)



Pin Bottom View (A-Type)



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

