

635nm~638nm 5mW Single Mode Fiber Coupled Diode Laser with Photodiode (PD)

635nm 5mW Coaxial Pigtailed Laser Diode with 4um Single Mode Fiber (SM Fiber)

WSLP-635-005m-4-PD

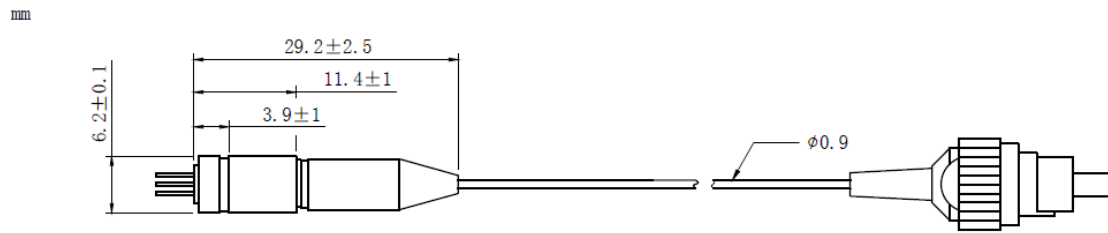
Wavespectrum Laser Group

www.wavespectrum-laser.com

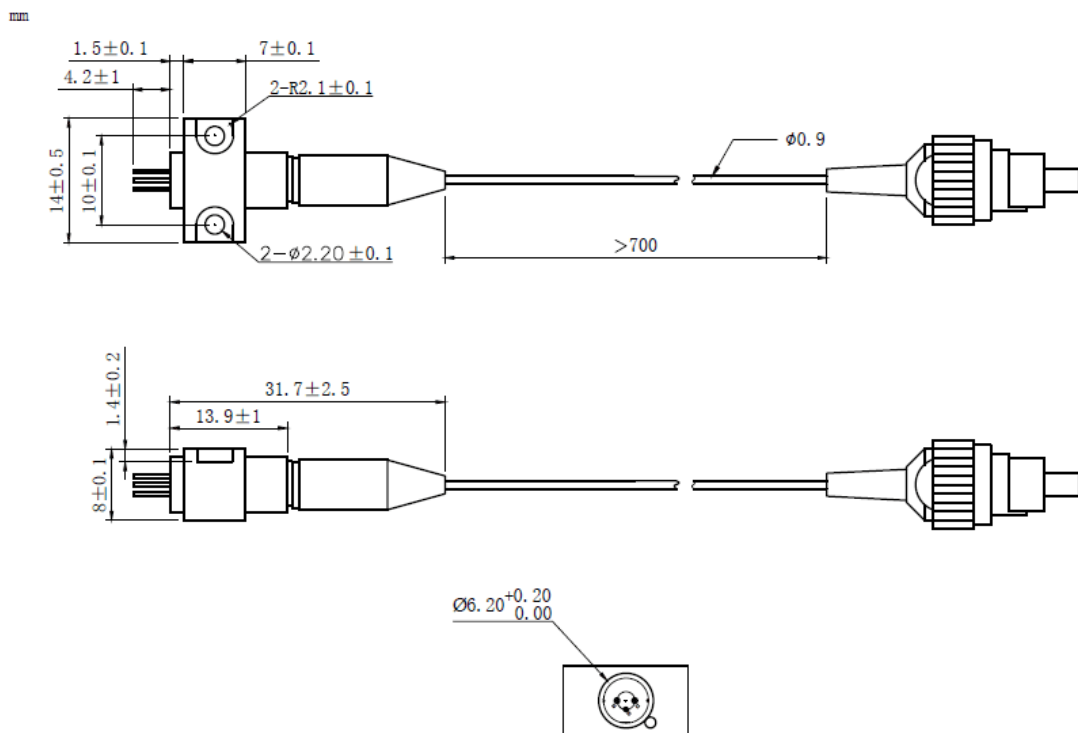
635nm Pigtailed Diode Laser		5mW/SMF	en.wavespectrum-laser.com.cn	
PARAMETER	SYMBOL	VALUE		UNIT
Reverse Voltage	V_r	2.0		V
Operating Temperature	T_{op}	-10 ~ +50		°C
Storage Temperature	T_{stg}	-40 ~ +85		°C
Lead soldering temperature (10 sec.)	T_{is}	260		°C
Features:				
638nm 4um SM Fiber - Coaxial or B82 Package - Built-in PD				
Applications:				
- Medical Laser Treatment - Aiming Beam - Others				
Specifications		WSLP-635-005m-4-PD		
	Min	Type	Max	
Center Wavelength@25°C	630nm	638nm	645nm	
Recommended work Temperature	25°C			
Output Power	----	5mW	----	
Fiber Type	Single Mode Fiber			
Fiber Core	4um			
Monitor Current	----	0.2mA	----	
PD Reverse Voltage	----	----	30V	
Fiber Connector	FC/SC/SMA905			
Fiber Length	>80cm			
Threshold Current	----	45mA	60mA	
Operating Current	----	65mA	75mA	
Operating Voltage	----	2.4V	2.8V	
Package Style	Coaxial or B82			
PD	Built-in			



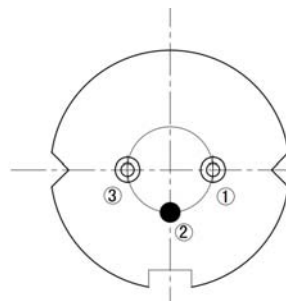
Coaxial Package View: (Part Number: WSLP-635-005m-4-PD)



B82 Package View: (Part Number: WSLP-635-005m-4-B-PD)



PIN Bottom View:



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



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

