


640nm~642nm 10mW Single Mode Fiber Coupled Diode Laser with Photodiode (PD)
640nm 10mW Coaxial Pigtailed Laser Diode with 4um Single Mode Fiber (SM Fiber)

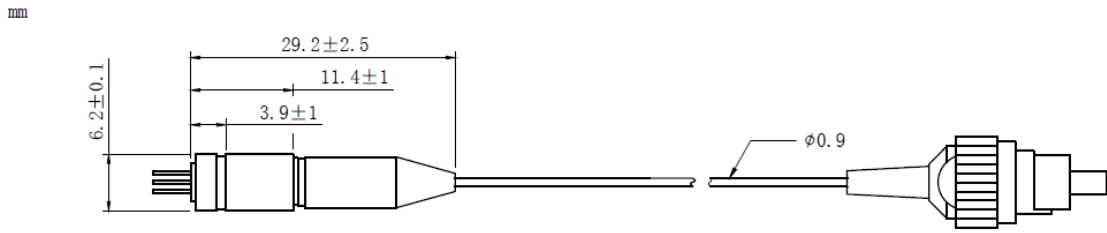
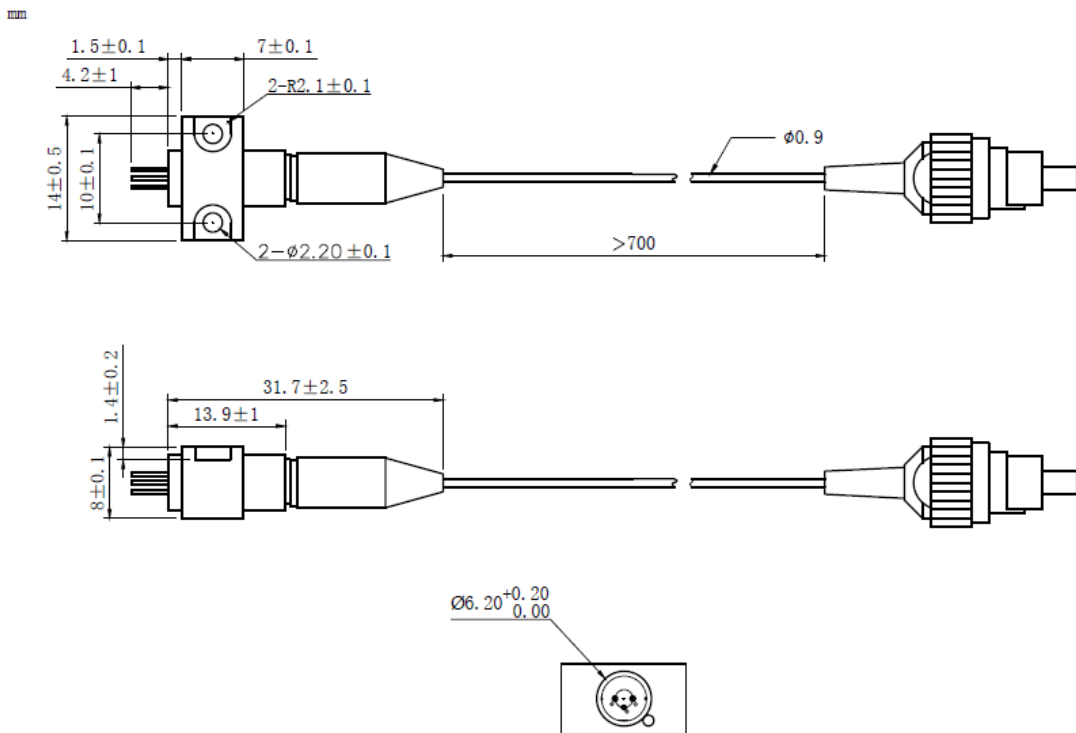
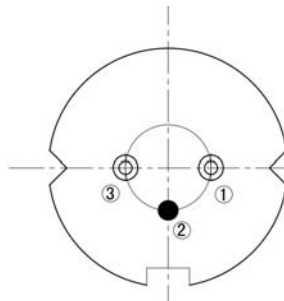
WSLP-640-010m-4-PD

Wavespectrum Laser Group

www.wavespectrum-laser.com

640nm Pigtailed Diode Laser		10mW/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: <ul style="list-style-type: none"> ● 640nm ● 4um SM Fiber ● Coaxial or B82 Package ● Built-in PD 					
Applications: <ul style="list-style-type: none"> ● Medical Laser Treatment ● Aiming Beam ● Others 					
Specifications	WSLP-640-010m-4-PD				
	Min	Type	Max		
Center Wavelength@25°C	640nm±10nm				
Recommended work Temperature	25°C				
Output Power	----	10mW	----		
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	65mA		
Operating Current	----	75mA	85mA		
Operating Voltage	----	2.5V	3.0V		
Package Style	Coaxial or B82				
PD	Built-in				



Coaxial Package View: (Part Number: WSLP-640-010m-4-PD)

B82 Package View: (Part Number: WSLP-640-010m-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.

