

638nm~640nm 30mW~40mW Single Mode Fiber Coupled Diode Laser with Photodiode (PD)
640nm 30mW Coaxial Pigtailed Laser Diode with 4um Single Mode Fiber (SM Fiber)
WSLP-640-030m-4-PD **Wavespectrum Laser Group** **www.wavespectrum-laser.com**

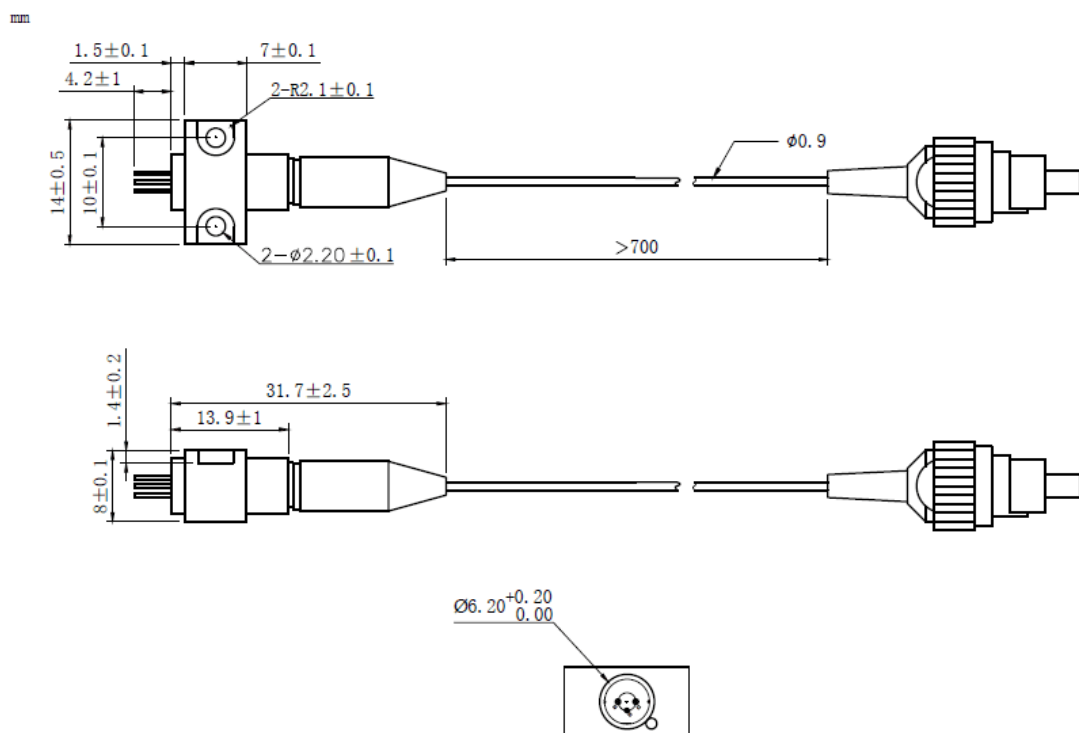
640nm Pigtailed Diode Laser 30mW/SMF		en.wavespectrum-laser.com.cn	
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	-10 ~ +60	°C
Storage Temperature	T_{stg}	-40 ~ +85	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C
Features: 640nm 4um SM Fiber - Coaxial or B82 Package - Built-in PD			
Applications: - Medical Laser Treatment - Aiming Beam - Others			
Specifications	WSLP-640-030m-4-PD		
	Min	Type	Max
Center Wavelength@25°C	640nm±10nm		
Recommended work Temperature	25°C		
Output Power	----	30mW	----
Fiber Type	Single Mode Fiber		
Fiber Core	4um		
Monitor Current	----	0.3mA	----
PD Reverse Voltage	----	----	30V
Fiber Connector	FC/SC/SMA905		
Fiber Length	>80cm		
Threshold Current	----	55mA	90mA
Operating Current	----	200mA	220mA
Operating Voltage	----	2.7V	3.3V
Package Style	Coaxial or B82		
PD	Built-in		



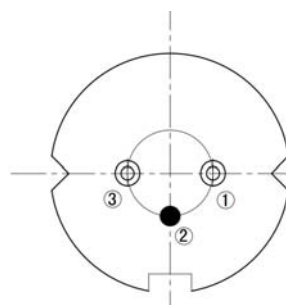
Coaxial Package View: (Part Number: WSLP-640-030m-4-PD)



B82 Package View: (Part Number: WSLP-640-030m-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.

