

830nm 100mW High Power SM Fiber Coupled LD with Single Mode Fiber | Built-in Photodiode

820nm~830nm~840nm 100mW SM Coaxial Pigtailed Laser Diode with SMF | With PD

WSLP-830-100m-4-PD

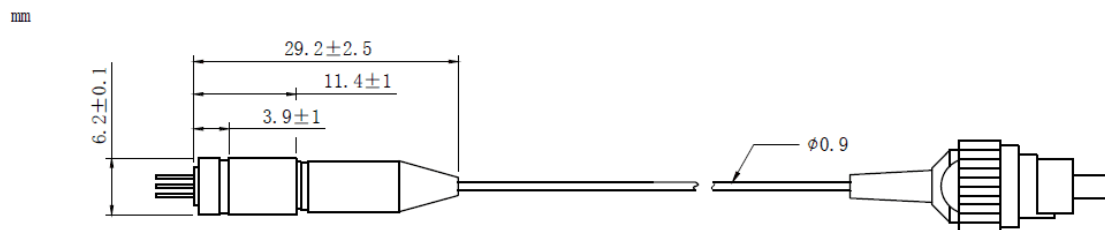
Wavespectrum Laser Group

www.wavespectrum-laser.com

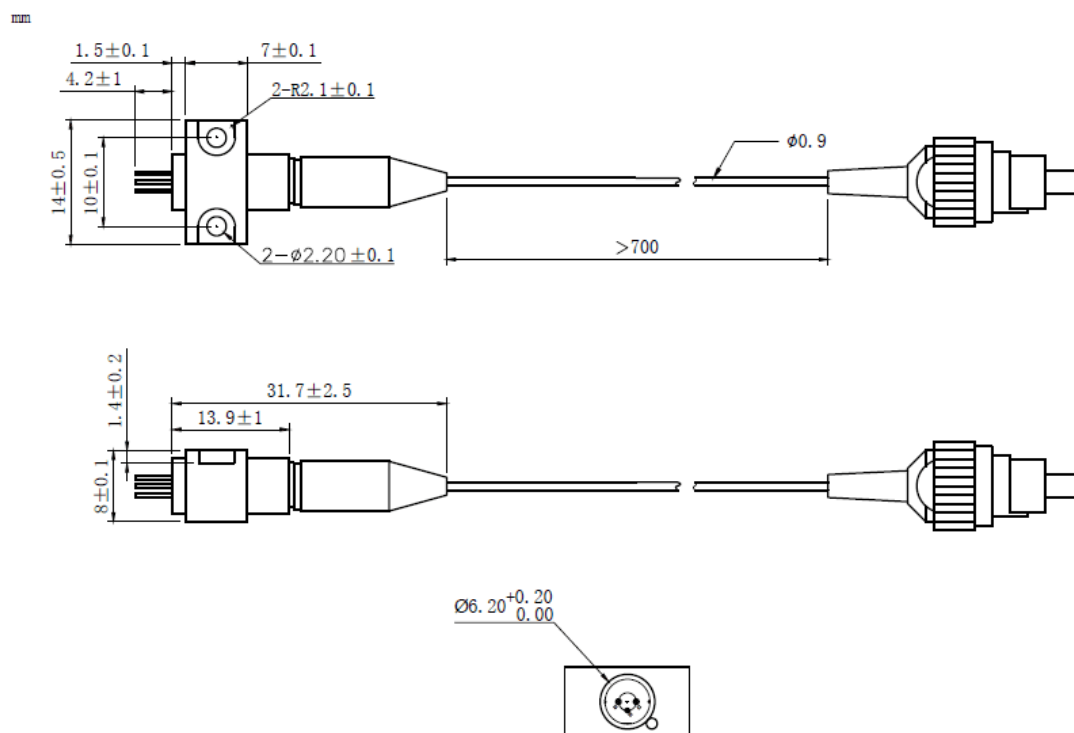
830nm Pigtailed Diode Laser		100mW/SM Fiber		en.wavespectrum-laser.com.cn	
PARAMETER		SYMBOL	VALUE		UNIT
Reverse Voltage		V _r	2.0		V
Operating Temperature		T _{op}	-10 ~ +60		°C
Storage Temperature		T _{stg}	-40 ~ +85		°C
Lead soldering temperature (10 sec.)		T _{is}	260		°C
Features: 830nm With SM Fiber Coaxial or B82 Package Built-in PD					
Applications: Medical Laser Treatment Others					
Specifications		WSLP-830-100m-4-PD			
		Min	Type	Max	
Center Wavelength@25°C		830nm±15nm			
Recommended Operating Temperature		25°C			
Output Power		----	100mW	----	
Fiber Type		Single Mode Fiber			
Fiber Core		5um			
Monitor Current		----	0.3mA	----	
PD Reverse Voltage		----	----	30V	
Fiber Connector		FC/SC/SMA905			
Fiber Length		>80cm			
Threshold Current (Typ.)		----	35mA	65mA	
Operating Current (Typ.)		----	270mA	300mA	
Operating Voltage		----	2.6V	3.0V	
Package Style		Coaxial or B82			
PD		Built-in			



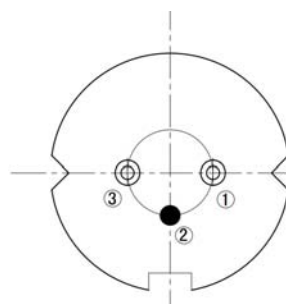
Coaxial Package View: (Part Number: WSLP-830-100m-4-PD)



B82 Package View: (Part Number: WSLP-830-100m-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.

