

830nm 100mW Fiber Coupled LD with 9um Fiber (SMF-28) | Built-in Photodiode

820nm~830nm~840nm 100mW High Power Coaxial Pigtailed Laser Diode with SMF28 Fiber | With PD

WSLP-830-100m-9-PD

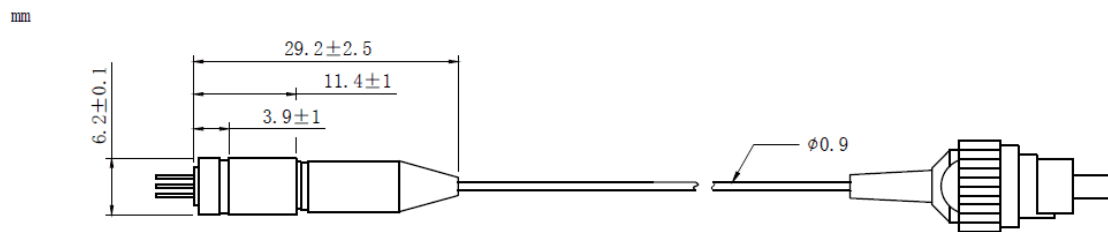
Wavespectrum Laser Group

www.wavespectrum-laser.com

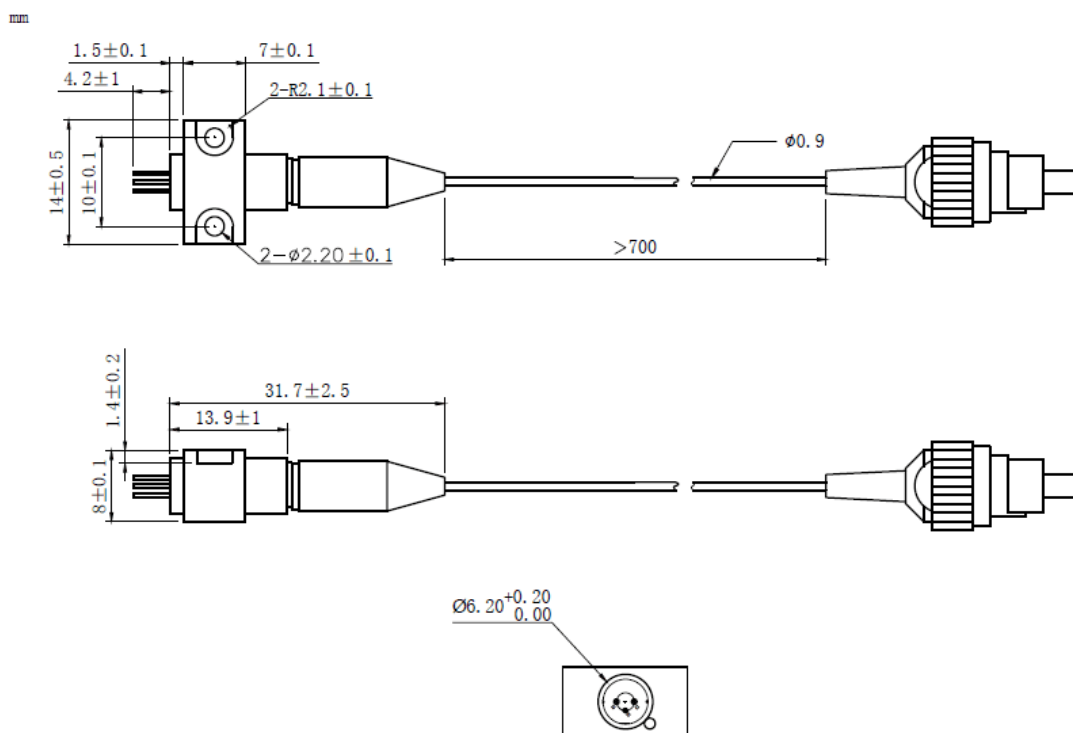
830nm Pigtailed Diode Laser		100mW/9um	Wavespectrum Laser Group	
PARAMETER	SYMBOL	VALUE		UNIT
Reverse Voltage	V _r	2.0		V
Operating Temperature	T _{op}	-10 ~ +60		°C
Storage Temperature	T _{stg}	-40 ~ +85		°C
Lead soldering temperature (10 sec.)	T _{is}	260		°C
Features: 830nm - With 9um Fiber - Coaxial or B82 Package - Built-in PD				
Applications: - Medical Laser Treatment - Others				
Specifications	WSLP-830-100m-9-PD			
	Min	Type	Max	
Center Wavelength@25℃	830nm±15nm			
Recommended Operating Temperature	25℃			
Output Power	----	100mW	----	
Fiber Type	SMF-28			
Fiber Core	9um			
Monitor Current	----	0.3mA	----	
PD Reverse Voltage	----	----	30V	
Fiber Connector	FC/SC/SMA905			
Fiber Length	>80cm			
Threshold Current (Typ.)	----	35mA	60mA	
Operating Current (Typ.)	----	240mA	260mA	
Operating Voltage	----	2.5V	3.0V	
Package Style	Coaxial or B82			
PD	Built-in			



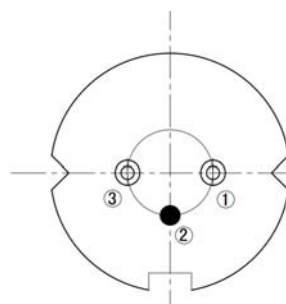
Coaxial Package View: (Part Number: WSLP-830-100m-9-PD)



B82 Package View: (Part Number: WSLP-830-100m-9-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.**

