

905nm~915nm 80mW~90mW SM Coaxial Pigtailed Laser Diode with 9um Fiber | Built-in Photodiode

905nm 80mW SM Fiber Coupled LD with SMF-28 Fiber (9um Fiber Core) | With PD

WSLP-905-080m-9-PD

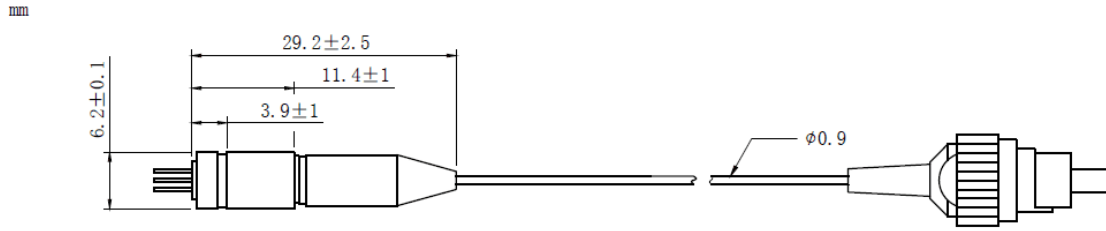
Wavespectrum Laser Group

www.wavespectrum-laser.com

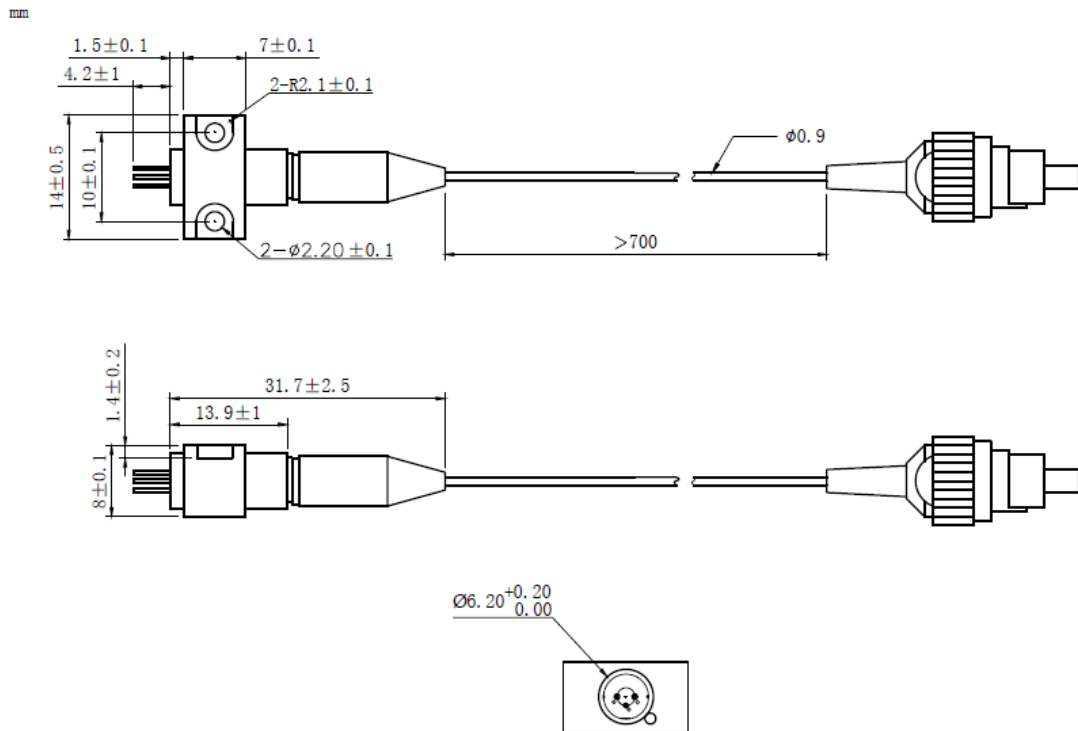
905nm Pigtailed Diode Laser		80mW/9um	en.wavespectrum-laser.com.cn	
PARAMETER	SYMBOL	VALUE		UNIT
Reverse Voltage	V _r	2.0		V
Operating Temperature	T _{op}	-10 ~ +70		°C
Storage Temperature	T _{stg}	-40 ~ +85		°C
Lead soldering temperature (10 sec.)	T _{is}	260		°C
Features: 905nm 9um Fiber - Coaxial or B82 Package - Built-in PD				
Applications: - Medical Laser Treatment - Sensor - Others				
Specifications	WSLP-905-080m-9-PD			
	Min	Type	Max	
Center Wavelength@25°C	±5nm	905nm	±10nm	
Recommended Operating Temperature	25°C			
Output Power	-----	80mW	-----	
Fiber Type	SMF-28			
Fiber Core	9um			
Monitor Current	----	0.3mA	----	
PD Reverse Voltage	----	----	30V	
Fiber Connector	FC/SC/SMA905			
Fiber Length	----	80cm	100cm	
Threshold Current (Typ.)	----	30mA	70mA	
Operating Current (Typ.)	----	240mA	260mA	
Operating Voltage	----	2.2V	2.8V	
Package Style	Coaxial or B82			
Photodiodes	Built-in			



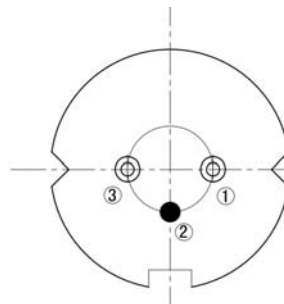
Coaxial Package View: (Part Number: WSLP-905-080m-9-PD)



B82 Package View: (Part Number: WSLP-905-080m-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.

