

940nm~950nm 80mW~90mW SM Coaxial Pigtailed Laser Diode with Single Mode Fiber

940nm | 80mW | High Power Single Mode Fiber Coupled Diode Laser Module | Built-in PD | SMF LD Module

WSLP-940-080m-4-PD

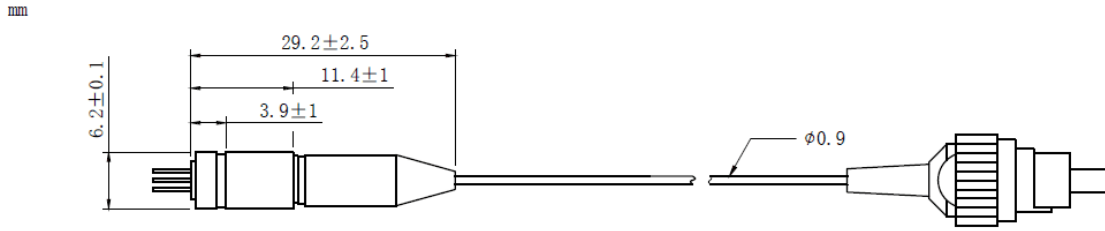
Wavespectrum Laser Group

www.wavespectrum-laser.com

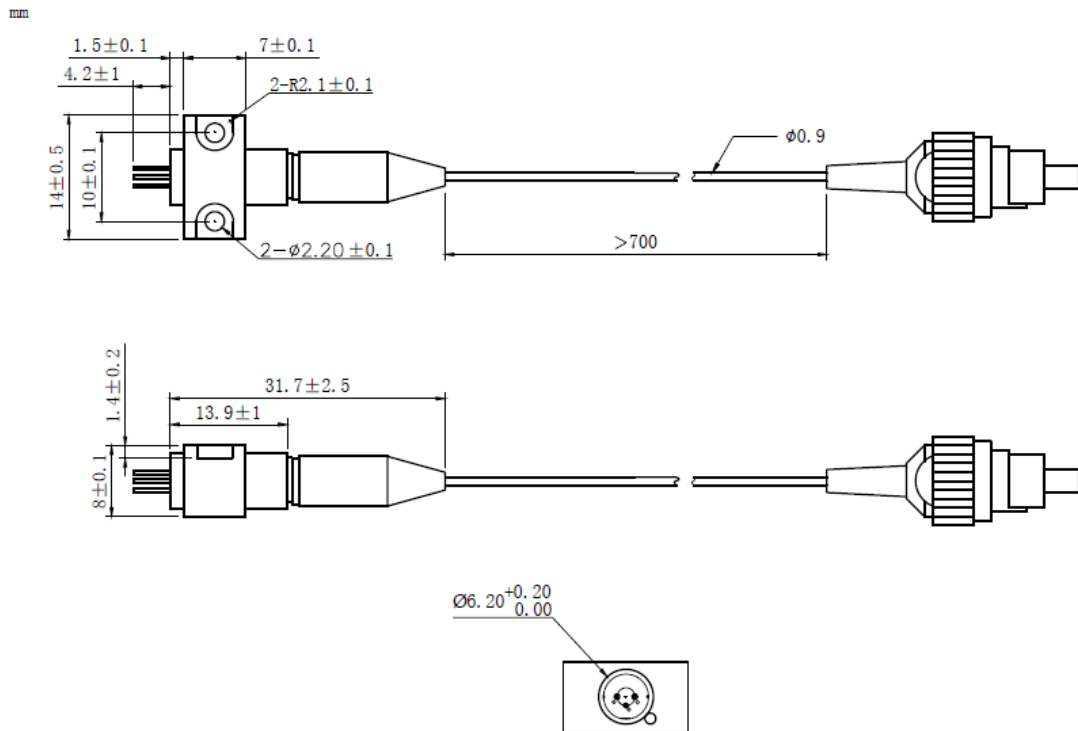
940nm Pigtailed Diode Laser		80mW/SMF		en.wavespectrum-laser.com.cn	
PARAMETER	SYMBOL	VALUE		UNIT	
Reverse Voltage	V _r	2.0		V	
Operating Temperature	T _{op}	-10 ~ +60		°C	
Storage Temperature	T _{stg}	-40 ~ +85		°C	
Lead soldering temperature (10 sec.)	T _{is}	260		°C	
Features:					
● 940nm ● Single Mode Fiber ● Coaxial or B82 Package ● Built-in PD					
Applications:					
● Medical Laser Treatment ● Sensor ● Others					
Specifications	WSLP-940-080m-4-PD				
	Min	Type	Max		
Center Wavelength@25℃	940nm±15nm				
Recommended Operating Temperature	25℃				
Output Power	----	80mW	----		
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.)	----	30mA	55mA		
Operating Current (Typ.)	----	360mA	380mA		
Operating Voltage	----	2.2V	3.0V		
Package Style	Coaxial or B82				
Photodiodes	Built-in				



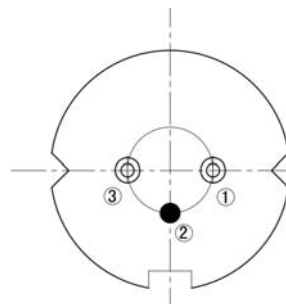
Coaxial Package View: (Part Number: WSLP-940-080m-4-PD)



B82 Package View: (Part Number: WSLP-940-080m-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.

