

940nm~950nm 50mW~60mW SM Coaxial Pigtailed Laser Diode with 9um Fiber

940nm | 50mW | SM Fiber Coupled Diode Laser Module With SMF-28 Fiber | Built-in PD |9um Fiber Core

WSLP-940-050m-9-PD

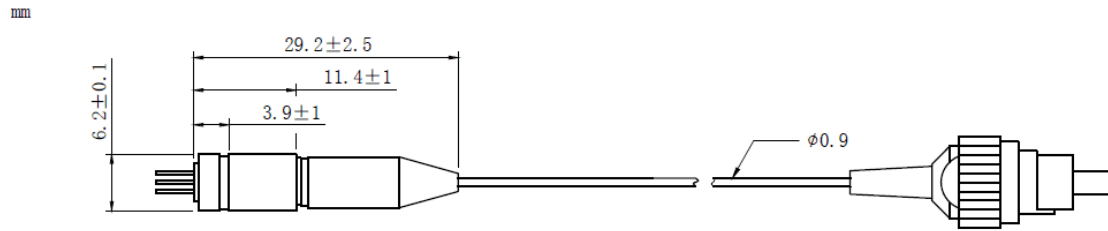
Wavespectrum Laser Group

www.wavespectrum-laser.com

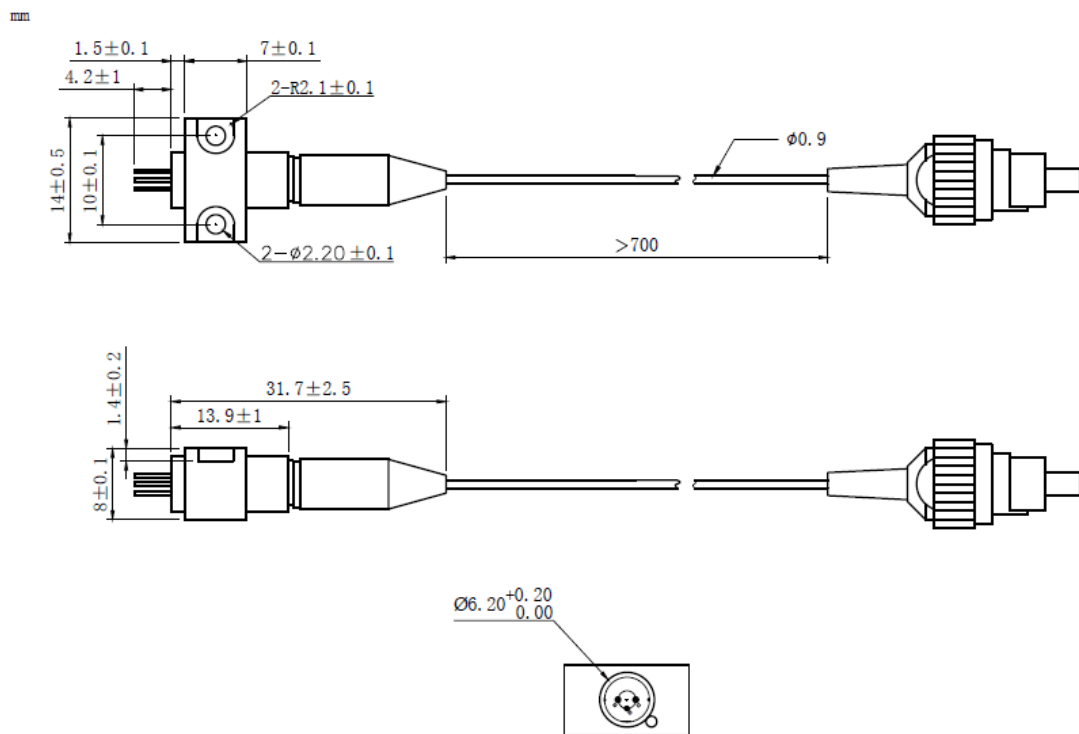
940nm Pigtailed Diode Laser		50mW/9um	en.wavespectrum-laser.com.cn	
PARAMETER	SYMBOL	VALUE		UNIT
Reverse Voltage	V _r	2.0		V
Operating Temperature	T _{op}	-10 ~ +60		°C
Storage Temperature	T _{stg}	-40 ~ +85		°C
Lead soldering temperature (10 sec.)	T _{is}	260		°C
Features:				
940nm				
9um Fiber				
Coaxial or B82 Package				
Built-in PD				
Applications:				
Medical Laser Treatment				
Sensor				
Others				
Specifications	WSLP-940-050m-9-PD			
	Min	Type	Max	
Center Wavelength@25°C	940nm±15nm			
Recommended Operating Temperature	25°C			
Output Power	----	50mW	----	
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.)	----	20mA	45mA	
Operating Current (Typ.)	----	220mA	240mA	
Operating Voltage	----	2.1V	2.6V	
Package Style	Coaxial or B82			
Photodiodes	Built-in			



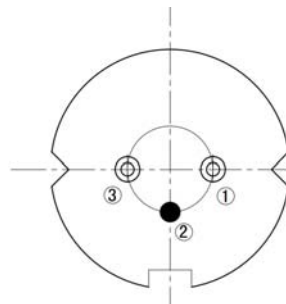
Coaxial Package View: (Part Number: WSLP-940-050m-9-PD)



B82 Package View: (Part Number: WSLP-940-050m-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.

