

850nm 50mW~60mW SM Coaxial Pigtailed Laser Diode with SMF | Infrared Diode Laser Module

850nm 50mW Fiber Coupled LD with Single Mode Fiber (SM Fiber) | Built-in Photodiode

WSLP-850-050m-4-PD

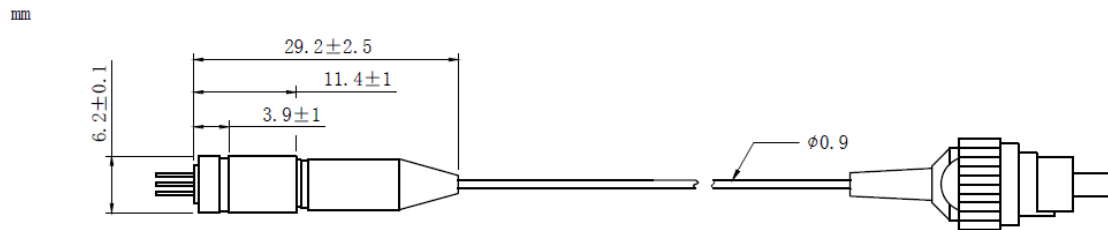
Wavespectrum Laser Group

www.wavespectrum-laser.com

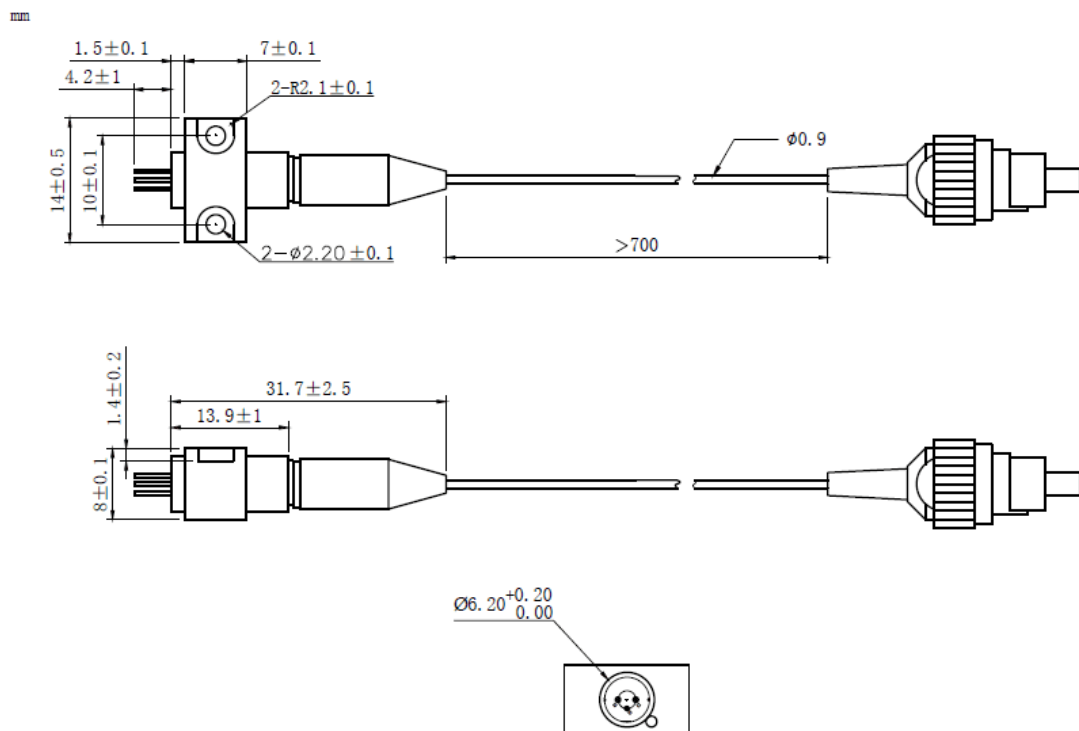
850nm Pigtailed Diode Laser		50mW/SM Fiber		en.wavespectrum-laser.com.cn	
PARAMETER	SYMBOL	VALUE		UNIT	
Reverse Voltage	V _r	2.0		V	
Operating Temperature	T _{op}	-10 ~ +60		°C	
Storage Temperature	T _{stg}	-40 ~ +80		°C	
Lead soldering temperature (10 sec.)	T _{is}	260		°C	
Features: 850nm - With SM Fiber - Coaxial or B82 Package - Built-in PD					
Applications: - Medical Laser Treatment - Sensor - Others					
Specifications		WSLP-850-050m-4-PD			
		Min	Type	Max	
Center Wavelength@25°C		840nm	850nm	860nm	
Recommended Operating Temperature		25°C			
Output Power		----	50mW	----	
Fiber Type		Single Mode Fiber			
Fiber Core		5um			
Monitor Current		----	0.3mA	----	
PD Reverse Voltage		----	----	30V	
Fiber Connector		FC/SC/SMA905			
Fiber Length		----	80cm	100cm	
Threshold Current (Typ.)		----	50mA	100mA	
Operating Current (Typ.)		----	200mA	220mA	
Operating Voltage		----	2.5V	3.0V	
Package Style		Coaxial or B82			
Photodiodes		Built-in			



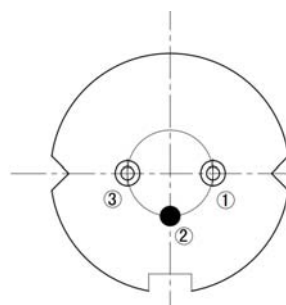
Coaxial Package View: (Part Number: WSLP-850-050m-4-PD)



B82 Package View: (Part Number: WSLP-850-050m-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.**

