

830nm 70mW High Power SM Fiber Coupled LD with Single Mode Fiber | Built-in Photodiode

830nm 70mW SM Coaxial Pigtailed Laser Diode with SMF | With PD

WSLP-830-070m-4-PD

Wavespectrum Laser Group

www.wavespectrum-laser.com

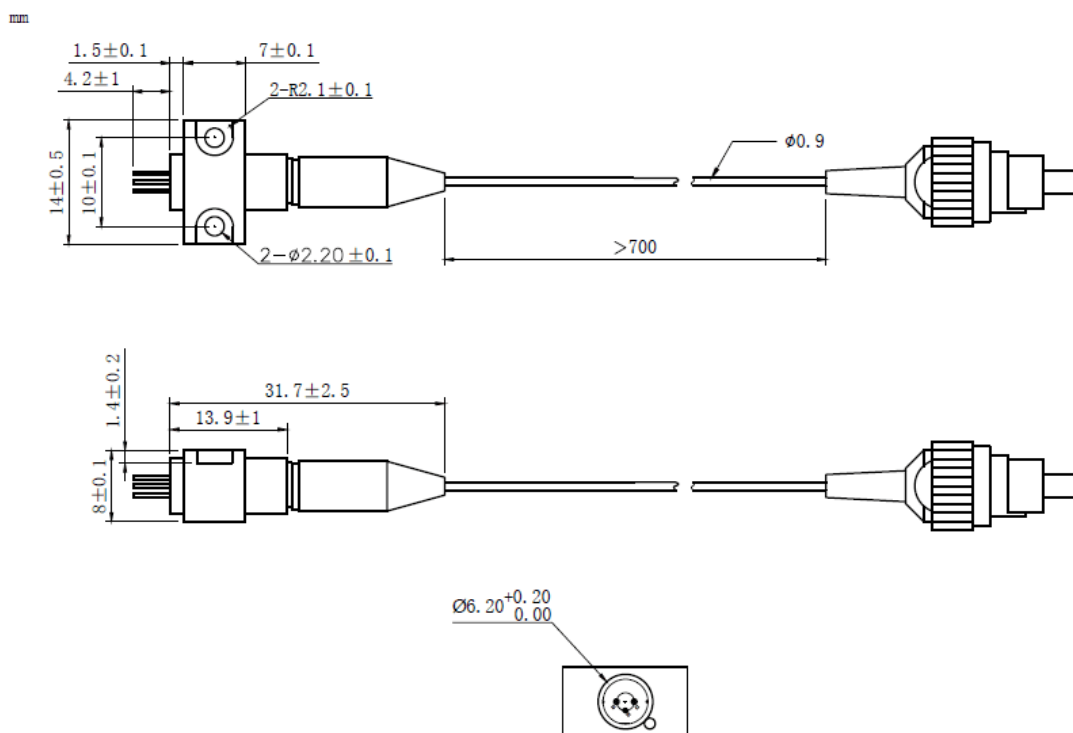
830nm Pigtailed Diode Laser		70mW/SM Fiber	en.wavespectrum-laser.com.cn	
PARAMETER	SYMBOL	VALUE		UNIT
Reverse Voltage	V _r	2.0		V
Operating Temperature	T _{op}	-10 ~ +60		°C
Storage Temperature	T _{stg}	-40 ~ +85		°C
Lead soldering temperature (10 sec.)	T _{is}	260		°C
Features: 830nm - With SM Fiber - Coaxial or B82 Package - Built-in PD				
Applications: - Medical Laser Treatment - Others				
Specifications		WSLP-830-070m-4-PD		
	Min	Type	Max	
Center Wavelength@25°C	±5nm	830nm	±15nm	
Recommend Operating Temperature	25°C			
Output Power	----	70mW	----	
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.)	----	35mA	55mA	
Operating Current (Typ.)	----	220mA	240mA	
Operating Voltage	----	2.4V	3.0V	
Package Style	Coaxial or B82			
PD	Built-in			



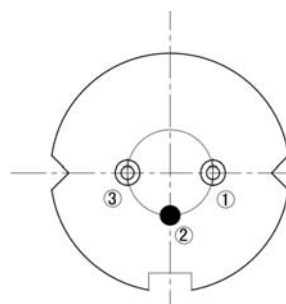
Coaxial Package View: (Part Number: WSLP-830-070m-4-PD)



B82 Package View: (Part Number: WSLP-830-070m-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.

