

820nm~830nm 30mW PM Fiber Coupled Laser Diode with Coaxial Package | Infrared LD

830nm 30mW~40mW Coaxial Pigtailed LD with Polarization Maintaining Fiber (SM Fiber)

WSLP-830-030m-PM-PD

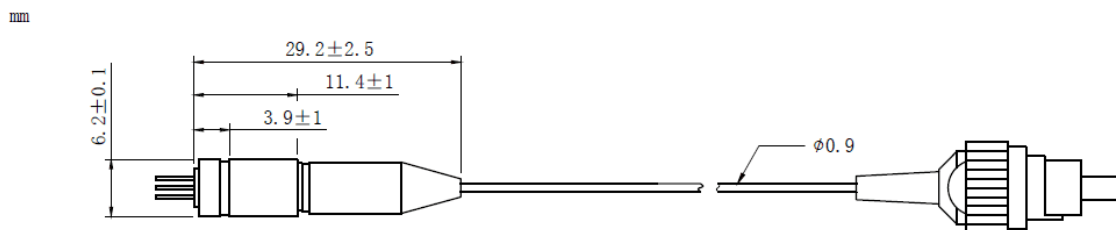
Wavespectrum Laser Group

www.wavespectrum-laser.com

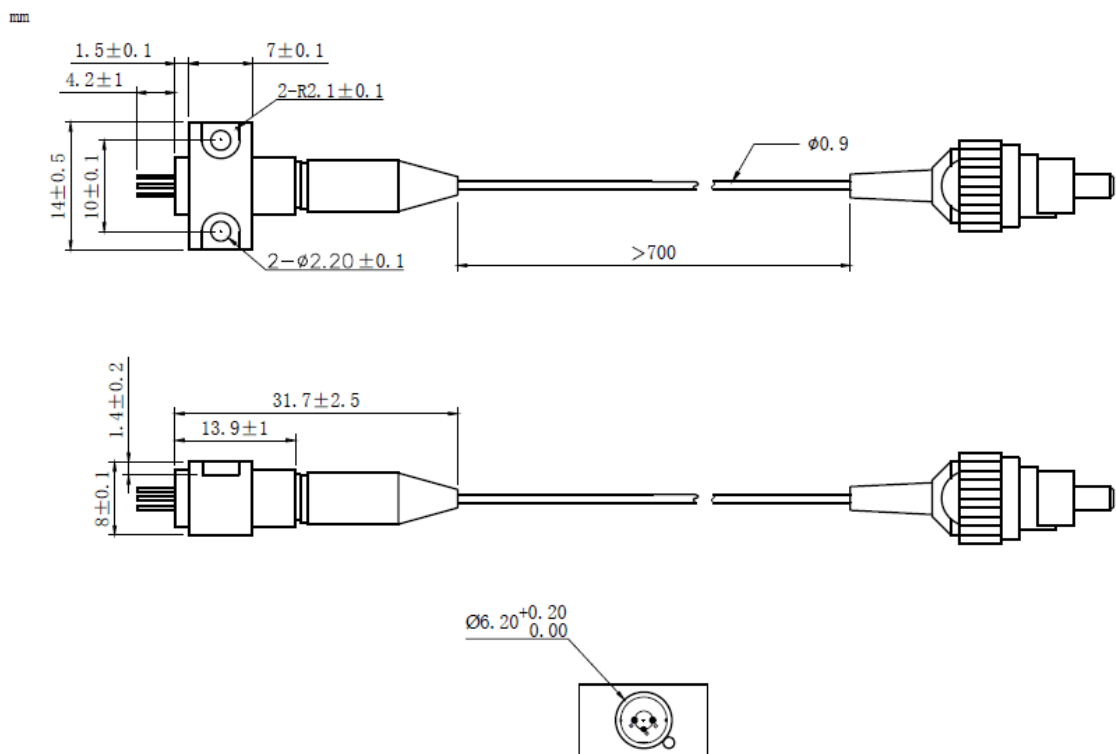
830nm Pigtailed Diode Laser		30mW/PM Fiber		en.wavespectrum-laser.com.cn	
PARAMETER		SYMBOL	VALUE		UNIT
Reverse Voltage		V _r	2.0		V
Operating Temperature		T _{op}	-10 ~ +60		°C
Storage Temperature		T _{stg}	-40 ~ +85		°C
Lead soldering temperature (10 sec.)		T _{is}	260		°C
Features: 830nm PM Fiber High Reliability High Polarization Extinction Ratio					
Applications: Biological Instruments Analytical Equipment Others					
Specifications		WSLP-830-030m-PM-PD			
	Min	Type		Max	
Center Wavelength@25°C	830nm±15nm				
Recommended work Temperature	25°C				
Output Power	----	30mW		----	
Fiber Type	Polarization Maintaining Fiber				
Fiber Core	5um				
Polarization Extinction Ratio	13dB	15dB		----	
Monitor Current	----	0.3mA		----	
Fiber Connector	FC/APC				
Fiber Length	>80cm				
Threshold Current (Typ.)	----	30mA		55mA	
Operating Current (Typ.)	----	170mA		190mA	
Operating Voltage	----	1.8V		2.5V	
Package Style	Coaxial or B82				
High Polarization Extinction Ratio (PER) Version Laser Module is also available, please contact us.					



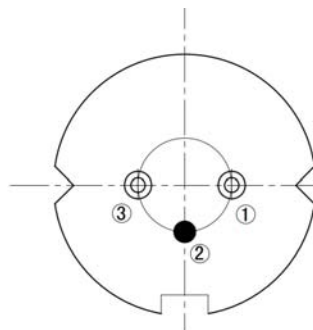
Coaxial Package View: (Part Number: WSLP-830-030m-PM-PD)



B82 Package View: (Part Number: WSLP-830-030m-PM-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.

