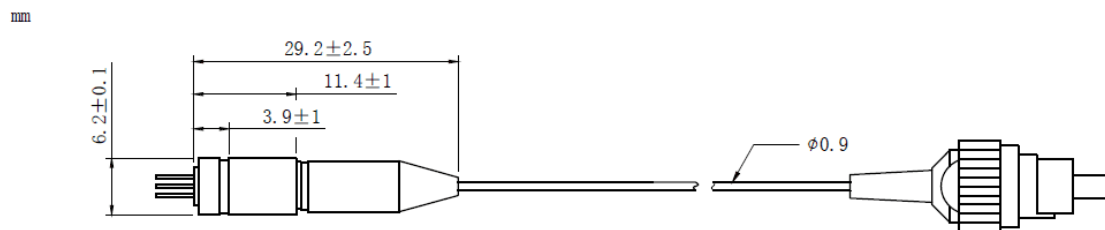


820nm~830nm 80mW PM Fiber Coupled Laser Diode with Coaxial Package | Infrared LD
830nm 80mW High Power Coaxial Pigtailed LD with Polarization Maintaining Fiber (SM Fiber)
WSLP-830-080m-PM-PD **Wavespectrum Laser Group** **www.wavespectrum-laser.com**

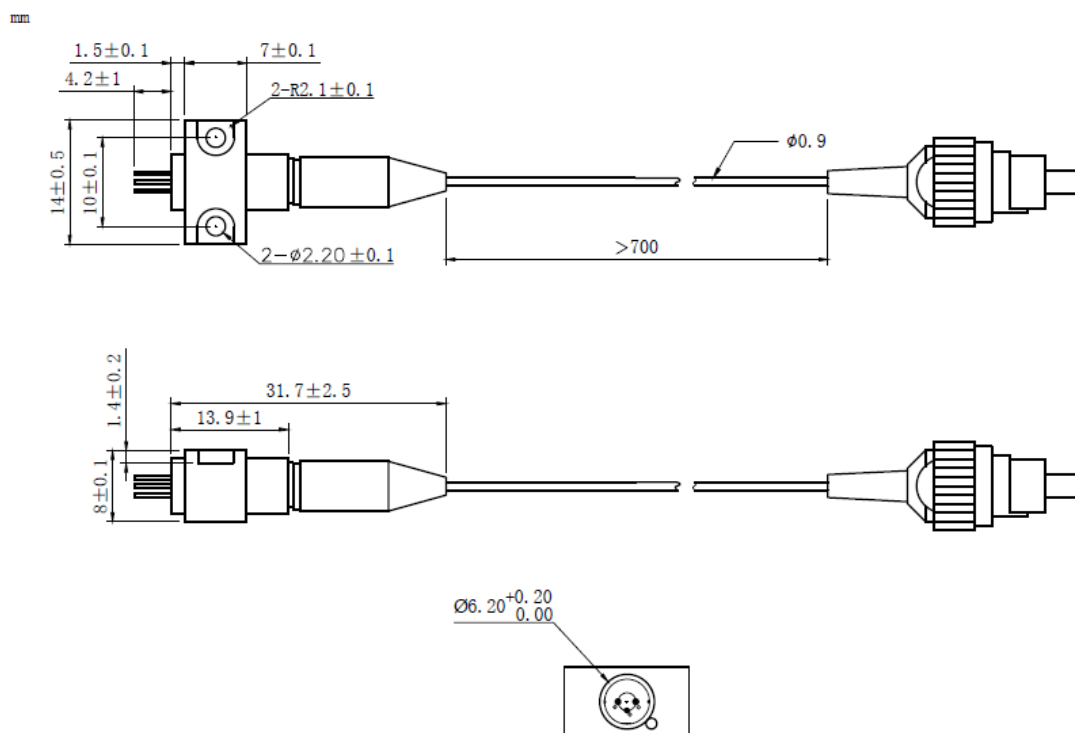
830nm Pigtailed Diode Laser		80mW/PM Fiber		en.wavespectrum-laser.com.cn	
PARAMETER		SYMBOL	VALUE		UNIT
Reverse Voltage		V _r	2.0		V
Operating Temperature		T _{op}	-10 ~ +60		°C
Storage Temperature		T _{stg}	-40 ~ +85		°C
Lead soldering temperature (10 sec.)		T _{is}	260		°C
Features: 830nm PM Fiber High Reliability High Polarization Extinction Ratio					
Applications: Biological Instruments Analytical Equipment Others					
Specifications		WSLP-830-080m-PM-PD			
	Min	Type		Max	
Center Wavelength@25°C		830nm±15nm			
Recommended work Temperature		25°C			
Output Power		----	80mW	----	
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.)		----	35mA	60mA	
Operating Current (Typ.)		----	240mA	260mA	
Operating Voltage		----	2.5V	3.0V	
Package Style		Coaxial or B82			
High Polarization Extinction Ratio (PER) Version Laser Module is also available, please contact us.					



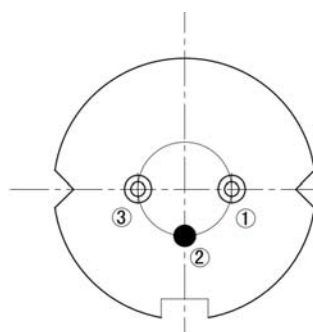
Coaxial Package View: (Part Number: WSLP-830-080m-PM-PD)



B82 Package View: (Part Number: WSLP-830-080m-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.

