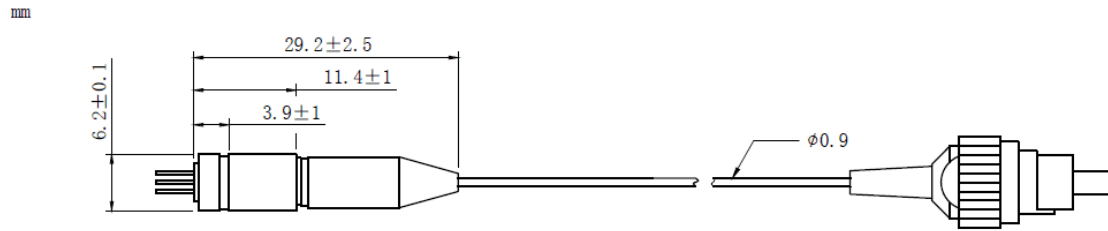


850nm 50mW Coaxial Fiber coupled Laser Diode Module| LD with MMF| Built-in Photodiode
840nm~850nm 50mW Pigtailed LD| Built-in PD|50um 62.5um 105um MM Fiber | With PD
WSLP-850-050m-M-PD **Wavespectrum Laser Group** **www.wavespectrum-laser.com**

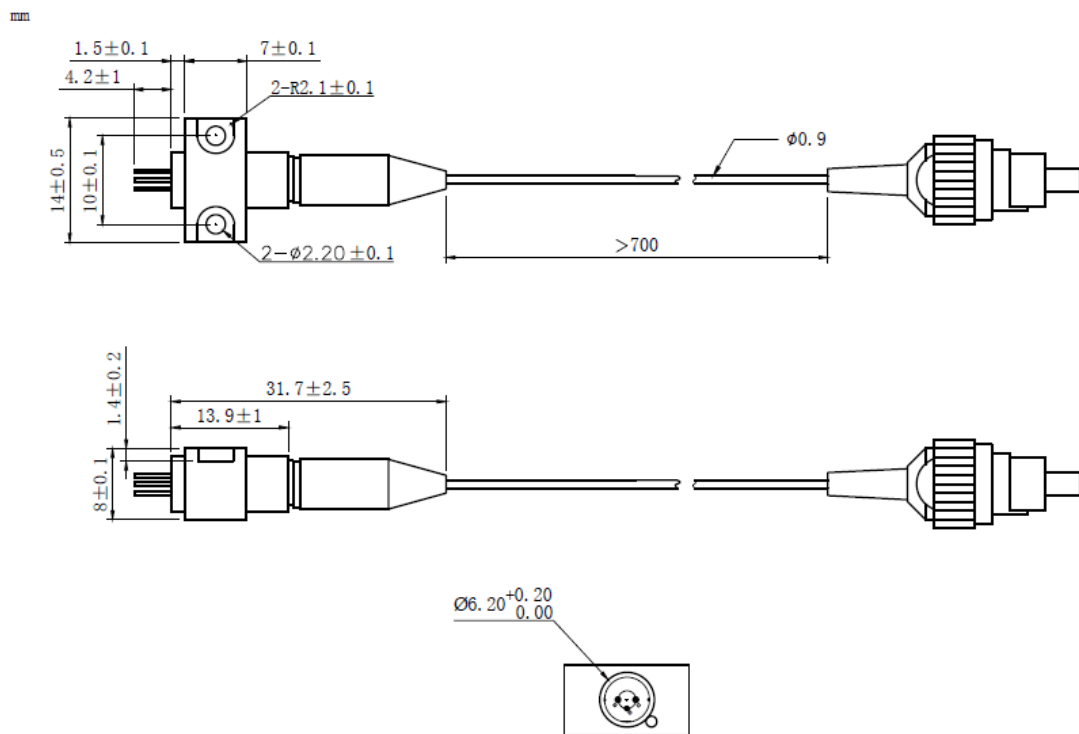
850nm Pigtailed Diode Laser		50mW/MMF		en.wavespectrum-laser.com.cn	
PARAMETER		SYMBOL	VALUE		UNIT
Reverse Voltage		V _r	2.0		V
Operating Temperature		T _{op}	-10 ~ +50		°C
Storage Temperature		T _{stg}	-40 ~ +85		°C
Lead soldering temperature (10 sec.)		T _{is}	260		°C
Features:					
850nm - MM Fiber - Coaxial or B82 Package - Built-in PD					
Applications:					
- Medical Laser Treatment - Others					
Specifications		WSLP-850-050m-M-PD			
		Min	Type		Max
Center Wavelength@25°C		840nm	850nm		860nm
Spectral Width (FWHM)		----	2.0nm		----
Output Power		----	50mW		----
Fiber Core		105um (50um, 62.5um Optional)			
Recommended Operating Temperature		25°C			
Monitor Current		----	0.3mA		----
PD Reverse Voltage		----	----		30V
Fiber Connector		FC/SC/SMA905			
Fiber Length		>80cm			
Threshold Current (Typ.)		----	20mA		40mA
Operating Current (Typ.)		----	110mA		130mA
Operating Voltage		----	2.4V		3.0V
Package Style		Coaxial or B82			



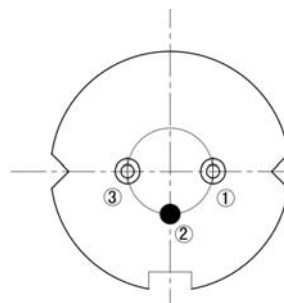
Coaxial Package View: (Part Number: WSLP-850-050m-M-PD)



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

