

780nm~785nm 80mW Multi-mode Fiber Coupled LD | Infrared Laser Diode Module

785nm Coaxial Pigtailed Laser Diode with MMF | 62.5um, 105um Fiber Optional

WSLP-785-080m-M-PD

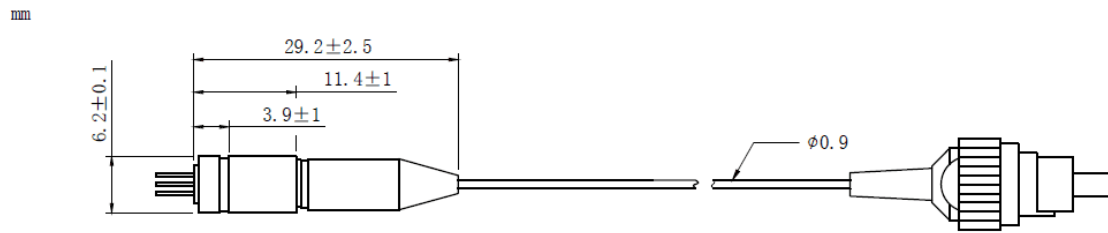
Wavespectrum Laser Group

www.wavespectrum-laser.com

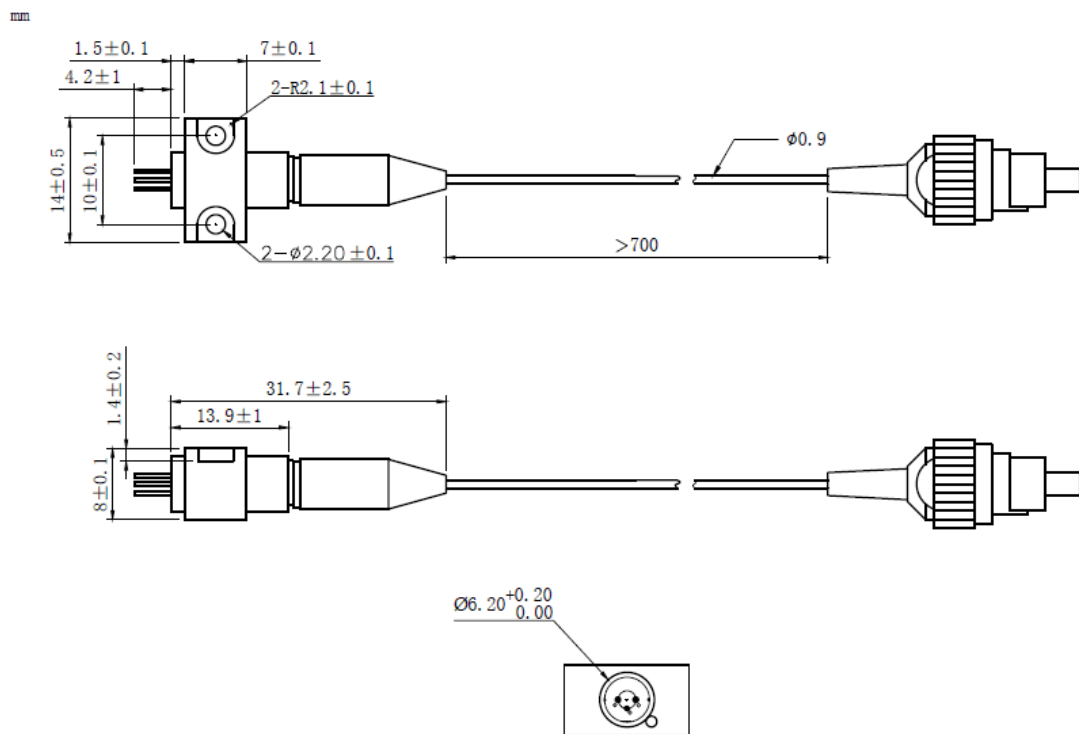
785nm Pigtailed Diode Laser		80mW/MM Fiber		en.wavespectrum-laser.com.cn	
PARAMETER	SYMBOL	VALUE		UNIT	
Reverse Voltage	V _r	2.0		V	
Operating Temperature	T _{op}	-10 ~ +60		°C	
Storage Temperature	T _{stg}	-40 ~ +85		°C	
Lead soldering temperature (10 sec.)	T _{is}	260		°C	
Features:					
785nm					
MM Fiber					
Coaxial or B82 Package					
Applications:					
Medical Laser Treatment					
Aiming Beam					
Others					
Specifications		WSLP-785-080m-M-PD			
	Min	Type	Max		
Center Wavelength@25℃	785nm±10nm				
Recommended work Temperature	25℃				
Output Power	----	80mW	----		
Fiber Type	Multi-mode Fiber				
Fiber Core	105um (62.5um Optional)				
Monitor Current	----	0.3mA	----		
PD Reverse Voltage	----	----	30V		
Fiber Connector	FC/SC/SMA905				
Fiber Length	>80cm				
Threshold Current (Typ.)	----	30mA	55mA		
Operating Current (Typ.)	----	140mA	160mA		
Operating Voltage	----	2.1V	2.6V		
Package Style	Coaxial or B82				



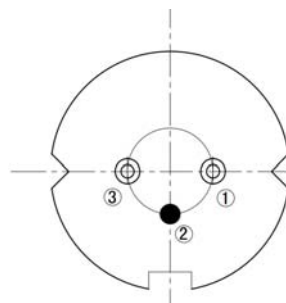
Coaxial Package View: (Part Number: WSLP-785-080m-M-PD)



B82 Package View: (Part Number: WSLP-785-080m-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.**

