

785nm 50mW SM Coaxial Pigtailed Laser Diode Module with SMF | Built-in PD | Heat-sink Optional

780nm~785nm 50mW SM Fiber Coupled LD with Single Mode Fiber (SM Fiber)

WSLP-785-050m-4-PD

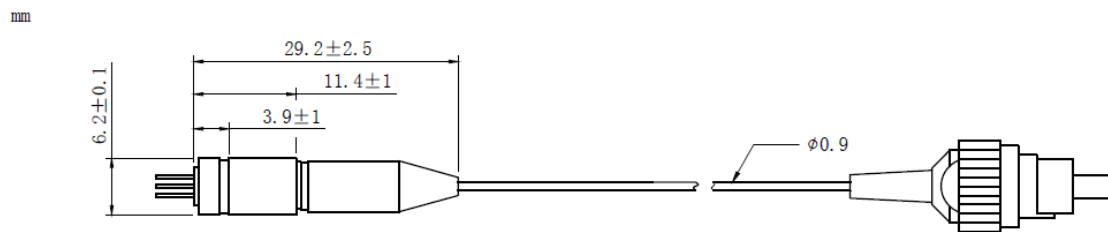
Wavespectrum Laser Group

www.wavespectrum-laser.com

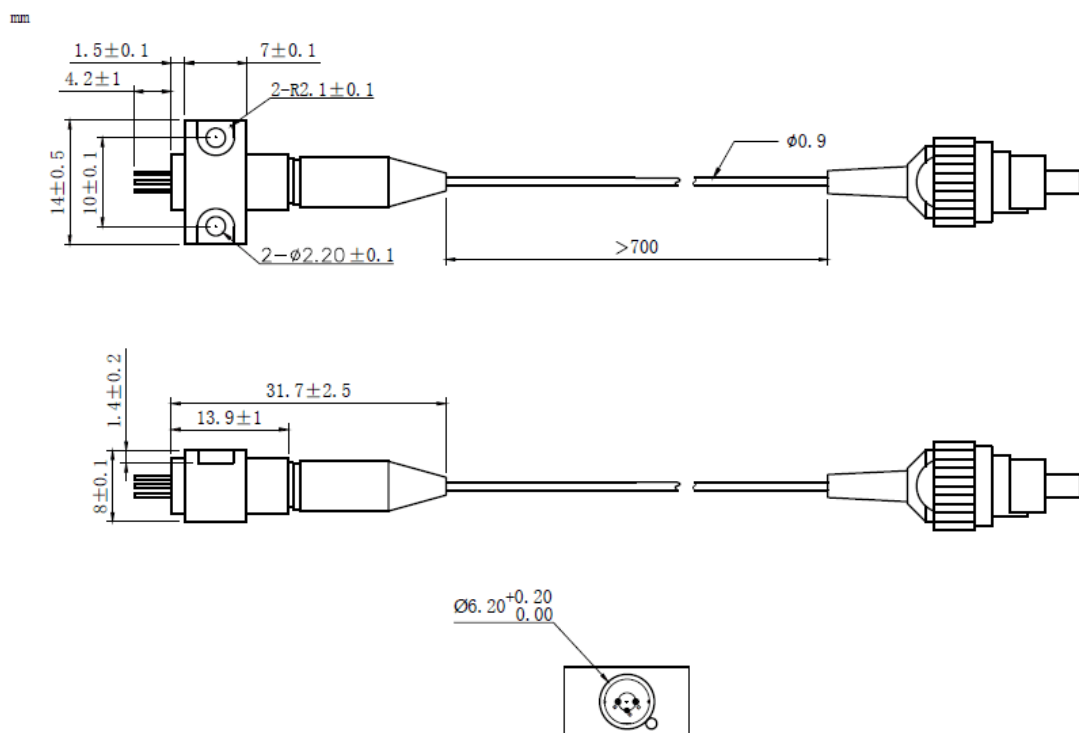
785nm Pigtailed Diode Laser		50mW/SM Fiber		en.wavespectrum-laser.com.cn	
PARAMETER		SYMBOL	VALUE		UNIT
Reverse Voltage		V _r	2.0		V
Operating Temperature		T _{op}	-10 ~ +60		°C
Storage Temperature		T _{stg}	-40 ~ +85		°C
Lead soldering temperature (10 sec.)		T _{is}	260		°C
Features: 785nm SM Fiber Coaxial or B82 Package Built-in PD					
Applications: Medical Laser Treatment Others					
Specifications		WSLP-785-050m-4-PD			
		Min	Type		Max
Center Wavelength@25°C		770nm	785nm		795nm
Recommended Operating Temperature		25°C			
Output Power		----	50mW		----
Fiber Type		Single Mode Fiber			
Fiber Core		5um			
Monitor Current		----	0.3mA		----
PD Reverse Voltage		----	----		30V
Fiber Connector		FC/SC/SMA905			
Fiber Length		>80cm			
Threshold Current (Typ.)		----	35mA		60mA
Operating Current (Typ.)		----	120mA		140mA
Operating Voltage		----	2.0V		2.5V
Package Style		Coaxial or B82			
PD		Built-in			



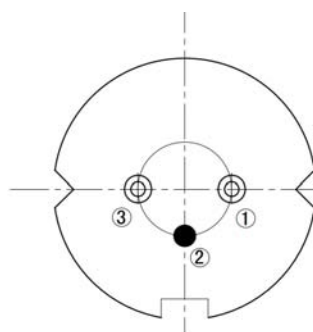
Coaxial Package View: (Part Number: WSLP-785-050m-4-PD)



B82 Package View: (Part Number: WSLP-785-050m-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.

