

785nm 50mW SM Coaxial Pigtailed Laser Diode Module with 9um Fiber| Built-in PD | Heat-sink Optional

780nm~785nm 50mW SM Fiber Coupled LD with SMF-28 Fiber

WSLP-785-050m-9-PD

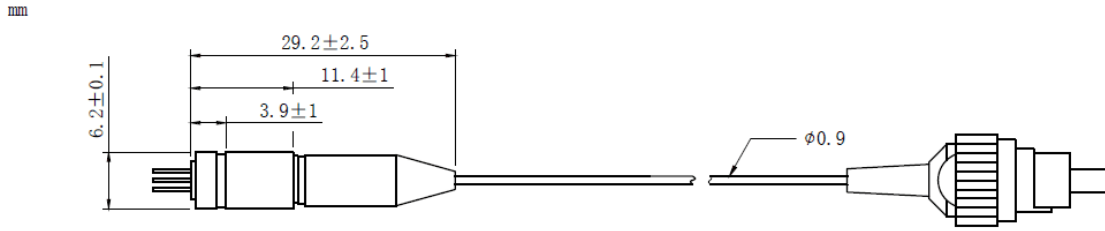
Wavespectrum Laser Group

www.wavespectrum-laser.com

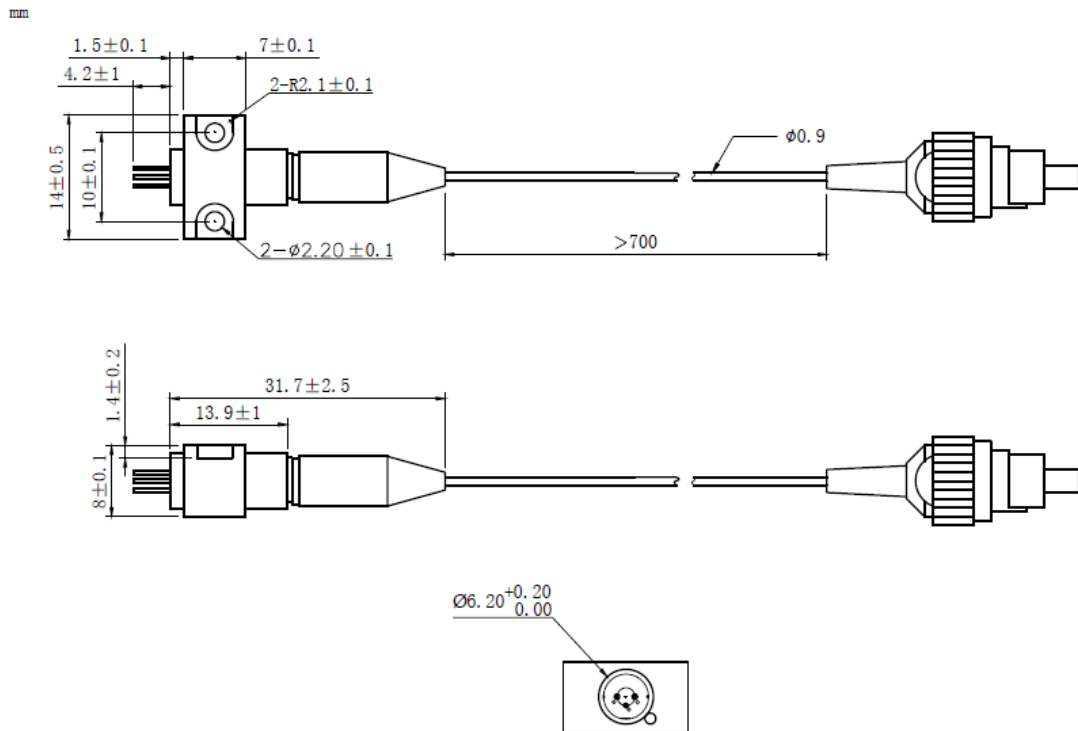
785nm Pigtailed Diode Laser		50mW/9um		en.wavespectrum-laser.com.cn	
PARAMETER		SYMBOL	VALUE		UNIT
Reverse Voltage		V _r	2.0		V
Operating Temperature		T _{op}	-10 ~ +60		°C
Storage Temperature		T _{stg}	-40 ~ +85		°C
Lead soldering temperature (10 sec.)		T _{is}	260		°C
Features: 785nm 9um Fiber Coaxial or B82 Package Built-in PD Applications: Medical Laser Treatment Others					
Specifications		WSLP-785-050m-9-PD			
		Min	Type	Max	
Center Wavelength@25°C		785nm±15nm			
Recommended Operating Temperature		25°C			
Output Power		----	50mW	----	
Fiber Type		SMF-28			
Fiber Core		9um			
Monitor Current		----	0.5mA	----	
PD Reverse Voltage		----	----	30V	
Fiber Connector		FC/SC/SMA905			
Fiber Length		>80cm			
Threshold Current (Typ.)		----	30mA	50mA	
Operating Current (Typ.)		----	120mA	140mA	
Operating Voltage		----	2.0V	2.5V	
Package Style		Coaxial or B82			
PD		Built-in			



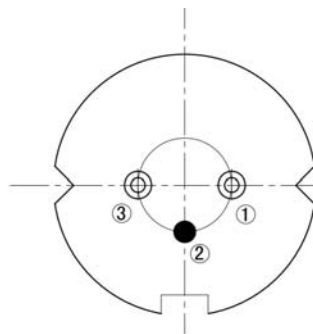
Coaxial Package View: (Part Number: WSLP-785-050m-9-PD)



B82 Package View: (Part Number: WSLP-785-050m-9-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.

