

685nm~690nm 20mW Coaxial Pigtailed Laser Diode with 9um Single Mode Fiber | Built-in PD

680nm~685nm 20mW SM Fiber Coupled LD with SMF28 Fiber |9um Fiber Core | With Photodiode

WSLP-685-020m-9-PD

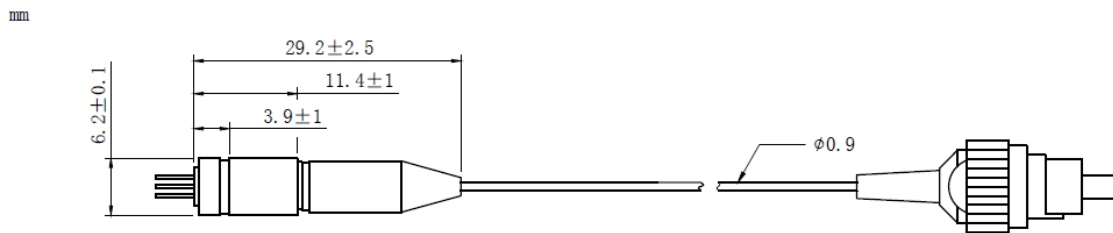
Wavespectrum Laser Group

www.wavespectrum-laser.com

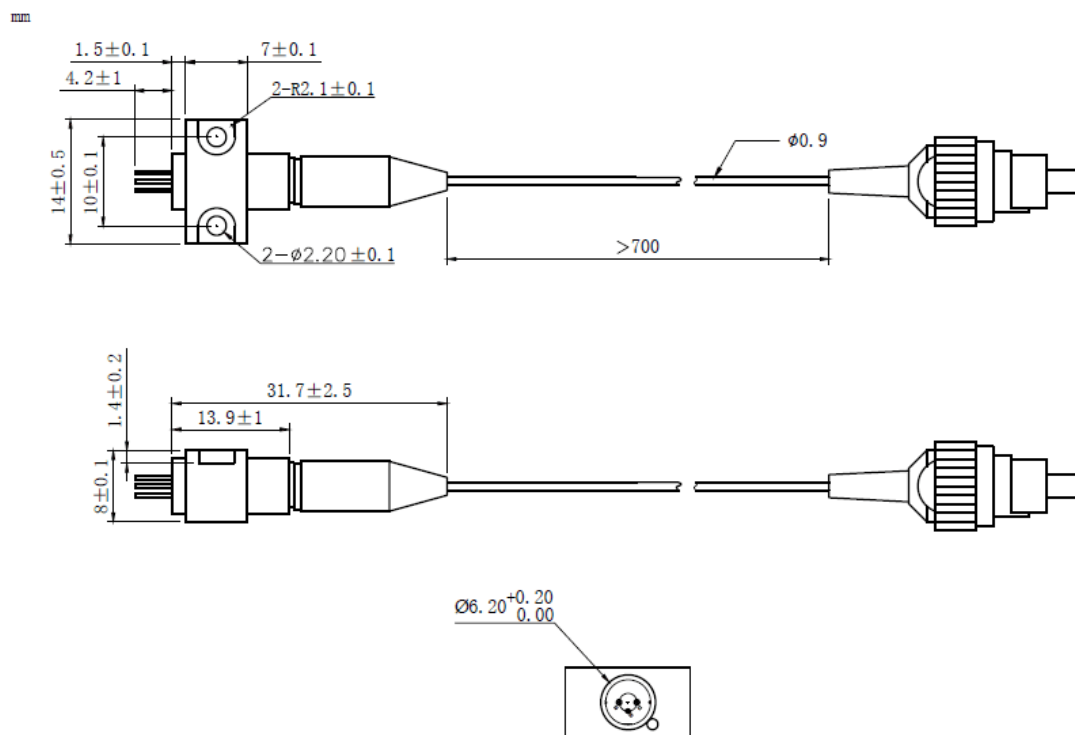
685nm Pigtailed Diode Laser		20mW/9um Fiber	Wavespectrum Laser Group	
PARAMETER	SYMBOL	VALUE		UNIT
Reverse Voltage	V _r	2.0		V
Operating Temperature	T _{op}	-10 ~ +60		°C
Storage Temperature	T _{stg}	-40 ~ +85		°C
Lead soldering temperature (10 sec.)	T _{is}	260		°C
Features: 685nm - With 9um Fiber - Coaxial or B82 Package - Built-in PD				
Applications: - Medical Laser Treatment - Others				
Specifications		WSLP-685-020m-9-PD		
	Min	Type	Max	
Center Wavelength@25℃	±5nm	685nm	±15nm	
Recommend Operating Temperature	25℃			
Output Power	----	20mW	----	
Fiber Type	SMF-28			
Fiber Core	9um			
Monitor Current	----	0.3mA	----	
PD Reverse Voltage	----	----	30V	
Fiber Connector	FC/SC/SMA905			
Fiber Length	----	80cm	100cm	
Threshold Current (Typ.)	----	35mA	60mA	
Operating Current (Typ.)	----	100mA	120mA	
Operating Voltage	----	2.7V	3.0V	
Package Style	Coaxial or B82			
Photodiodes	Built-in			



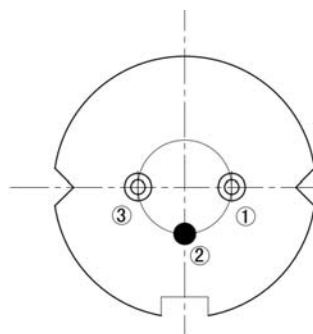
Coaxial Package View: (Part Number: WSLP-685-020m-9-PD)



B82 Package View: (Part Number: WSLP-685-020m-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.**

