

635nm 10mW Fiber Coupled LD with SMF-28 Fiber (9um Fiber Core) | Built-in Photodiode

635nm~638nm 10mW Coaxial Pigtail Laser Diode with 9um Fiber | Built-in PD

WSLP-635-010m-9-PD

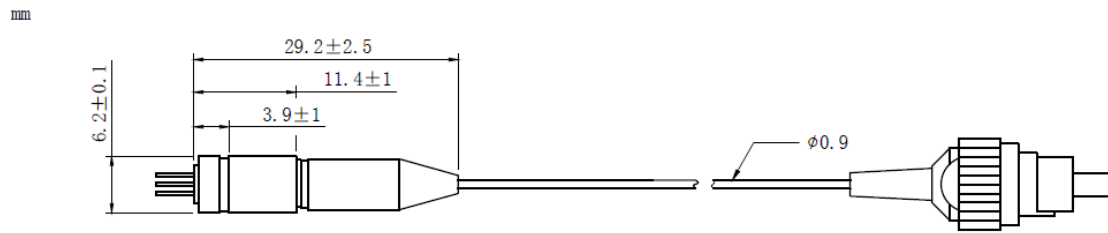
Wavespectrum Laser Group

www.wavespectrum-laser.com

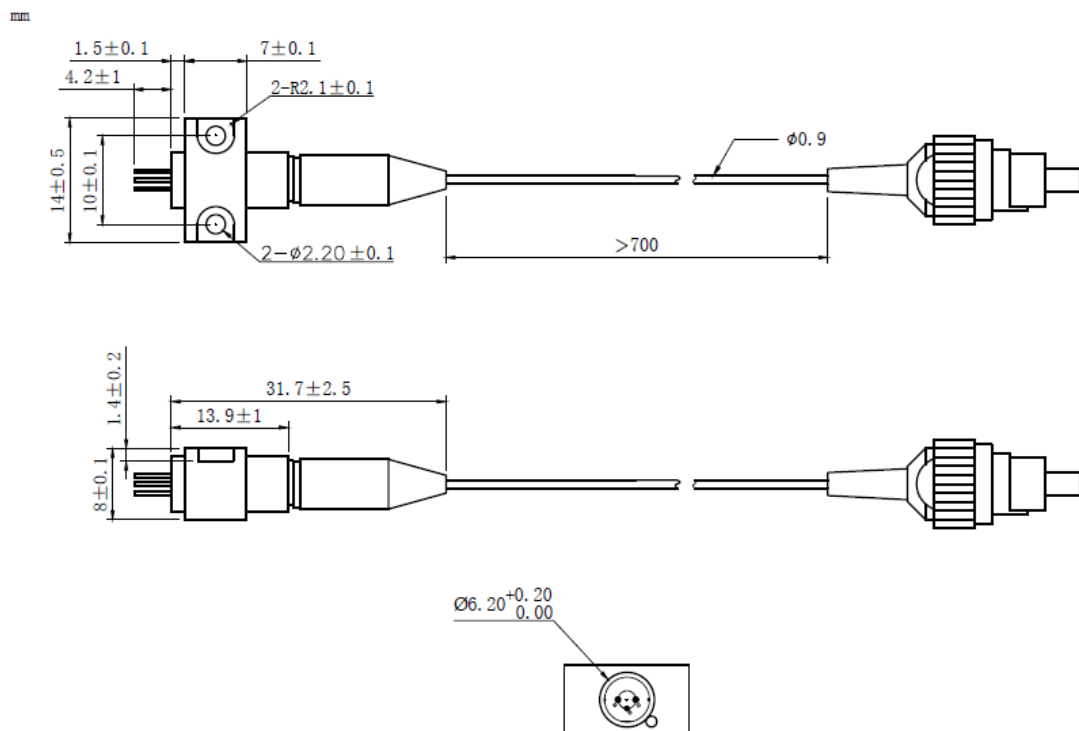
635nm Pigtailed Diode Laser		10mW/9um	en.wavespectrum-laser.com.cn	
PARAMETER	SYMBOL	VALUE		UNIT
Reverse Voltage	V_r	2.0		V
Operating Temperature	T_{op}	-10 ~ +50		°C
Storage Temperature	T_{stg}	-40 ~ +85		°C
Lead soldering temperature (10 sec.)	T_{is}	260		°C
Features: 635nm 9um Fiber - Coaxial or B82 Package - Built-in PD				
Applications: - Medical Laser Treatment - Aiming Beam - Others				
Specifications	WSLP-635-010m-9-PD			
	Min	Type	Max	
Center Wavelength@25°C	630nm	638nm	645nm	
Recommended work Temperature	25°C			
Output Power	-----	10mW	-----	
Fiber Type	SMF-28			
Fiber Core	9um			
Monitor Current	----	0.2mA	----	
PD Reverse Voltage	----	----	30V	
Fiber Connector	FC/SC/SMA905			
Fiber Length	----	80cm	100cm	
Threshold Current	----	45mA	65mA	
Operating Current	----	70mA	80mA	
Operating Voltage	----	2.5V	3.0V	
Package Style	Coaxial or B82			
Photodiode	Built-in			



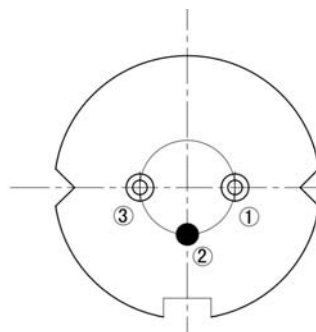
Coaxial Package View: (Part number: WSLP-635-010m-9-PD)



B82 Package View: (Part number: WSLP-635-010m-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.

