

635nm~638nm 10mW Single Mode Fiber Coupled Diode Laser with Photodiode (PD)

635nm 10mW Coaxial Pigtailed Laser Diode with 4um Single Mode Fiber (SM Fiber)

WSLP-635-010m-4-PD

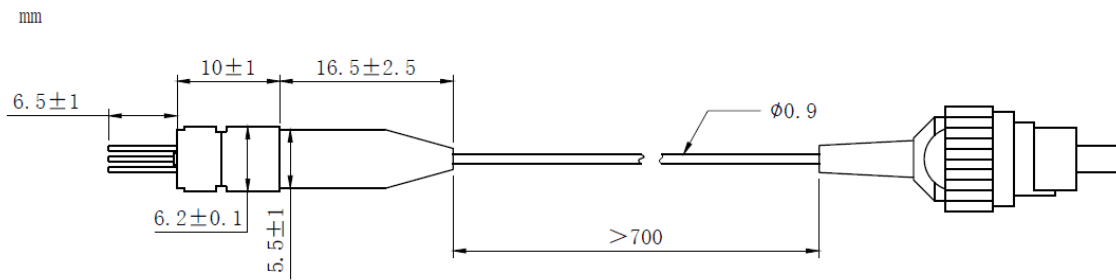
Wavespectrum Laser Group

www.wavespectrum-laser.com

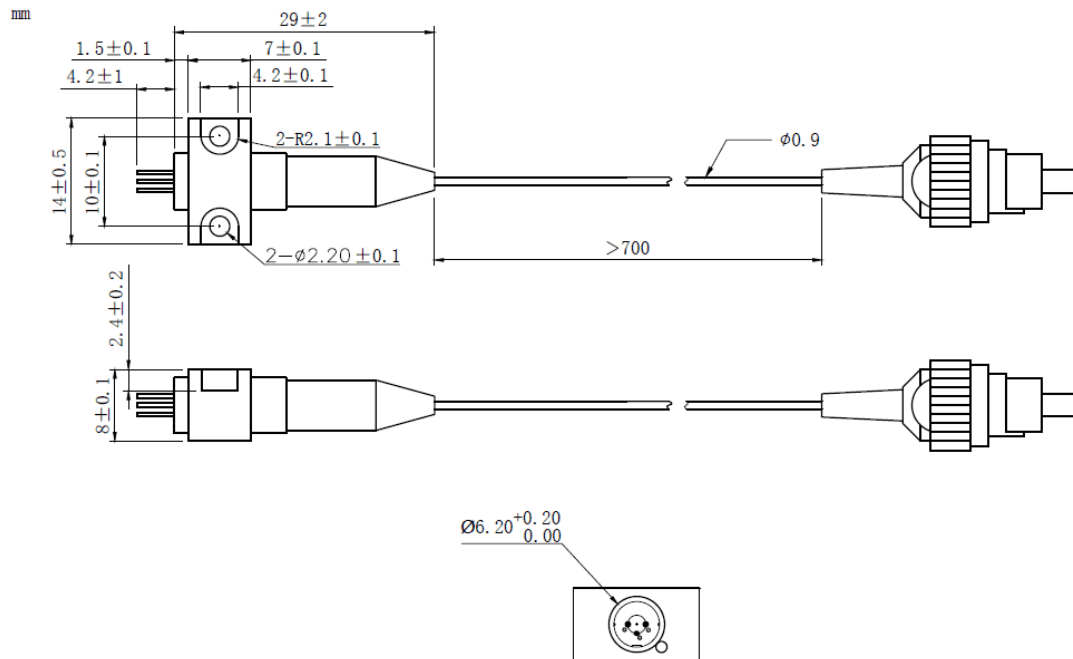
635nm Pigtailed Diode Laser 10mw/SMF		en.wavespectrum-laser.com.cn	
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	-10 ~ +50	°C
Storage Temperature	T_{stg}	-40 ~ +85	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C
Features: 635nm 4um SM Fiber - Coaxial or B8 Package - Built-in PD			
Applications: - Medical Laser Treatment - Aiming Beam - Others			
Specifications	WSLP-635-010m-4-PD		
	Min	Type	Max
Center Wavelength@25°C	630nm	638nm	645nm
Recommended work Temperature	25°C		
Output Power	----	10mW	----
Fiber Type	Single Mode Fiber		
Fiber Core	4um		
Monitor Current	----	0.3mA	----
PD Reverse Voltage	----	----	30V
Fiber Connector	FC/SC/SMA905		
Fiber Length	----	80cm	100cm
Threshold Current (Typ.)	----	40mA	60mA
Operating Current (Typ.)	----	90mA	110mA
Operating Voltage	----	2.4V	2.8V
Package Style	Coaxial or B8		
PD	Built-in		



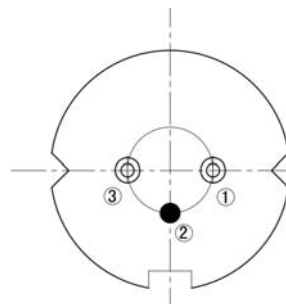
Coaxial Package View: (Part Number: WSLP-635-010m-4-PD)



B8 Package View: (Part Number: WSLP-635-010m-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.

