

640nm 50mW 9um Fiber Coupled Diode Laser with Photodiode (PD)

638nm~640nm 50mW Coaxial Pigtailed Laser Diode with 9um Single Mode Fiber (SM Fiber)

WSLP-640-050m-9-PD

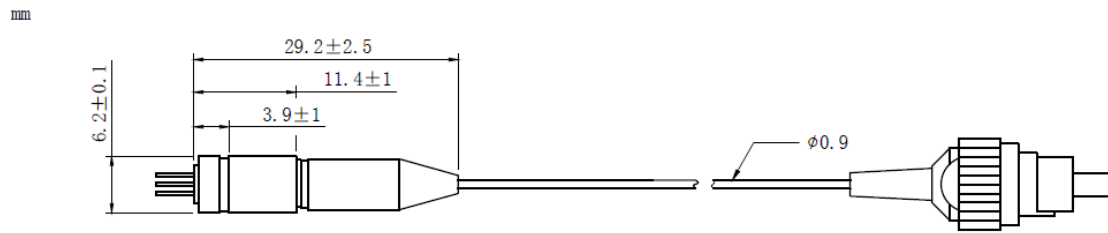
Wavespectrum Laser Group

www.wavespectrum-laser.com

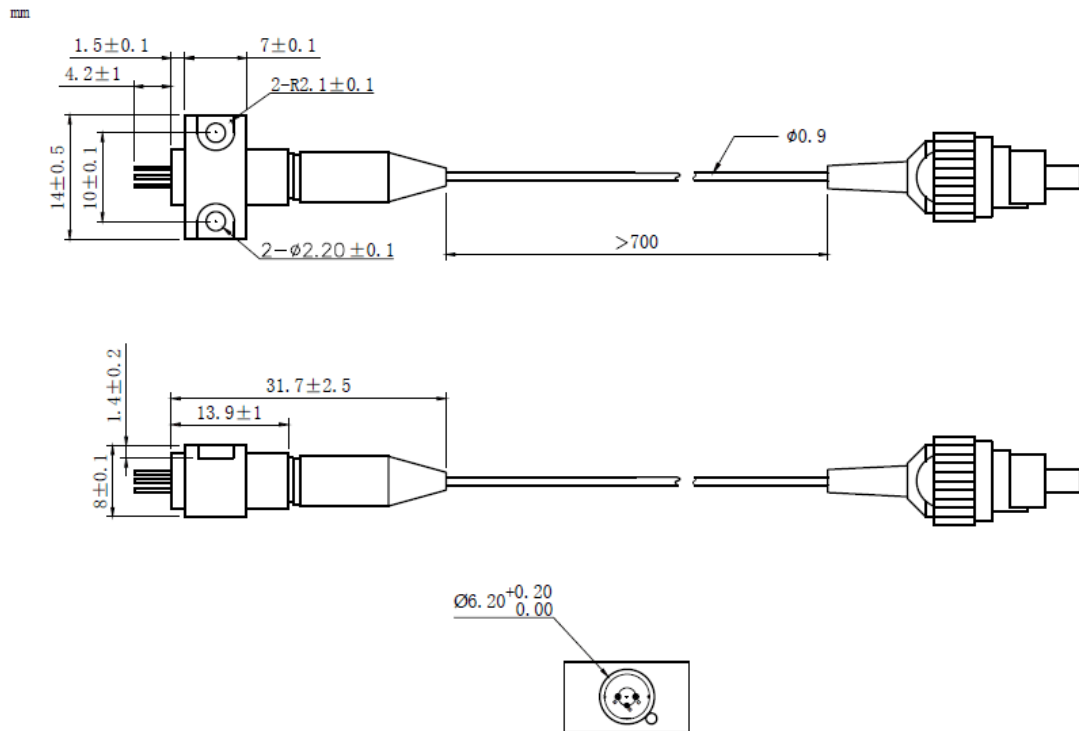
640nm Pigtailed Diode Laser 50mw/9um		en.wavespectrum-laser.com.cn	
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V _r	2.0	V
Operating Temperature	T _{op}	-10 ~ +60	°C
Storage Temperature	T _{stg}	-40 ~ +85	°C
Lead soldering temperature (10 sec.)	T _{is}	260	°C
Features:			
Applications:			
Specifications	WSLP-640-050m-9-PD		
	Min	Type	Max
Center Wavelength@25°C	640nm±10nm		
Recommended work Temperature	25°C		
Output Power	----	50mW	----
Fiber Type	SMF-28		
Fiber Core	9um		
Monitor Current	----	0.3mA	----
PD Reverse Voltage	----	----	30V
Fiber Connector	FC/SC/SMA905		
Fiber Length	>80cm		
Threshold Current	----	55mA	90mA
Operating Current	----	200mA	220mA
Operating Voltage	----	2.7V	3.3V
Package Style	Coaxial or B82		
PD	Built-in		



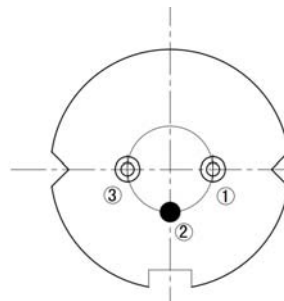
Coaxial Package View: (Part Number: WSLP-640-050m-9-PD)



B82 Package View: (Part Number: WSLP-640-050m-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.

