

808nm~810nm 300mW Coaxial Pigtailed Laser Diode (LD) Module

808nm 300mW Fiber Coupled Diode Laser With 105um MM Fiber |Built-in PD

WSLP-808-300m-M-PD

Wavespectrum Laser Group

www.wavespectrum-laser.com

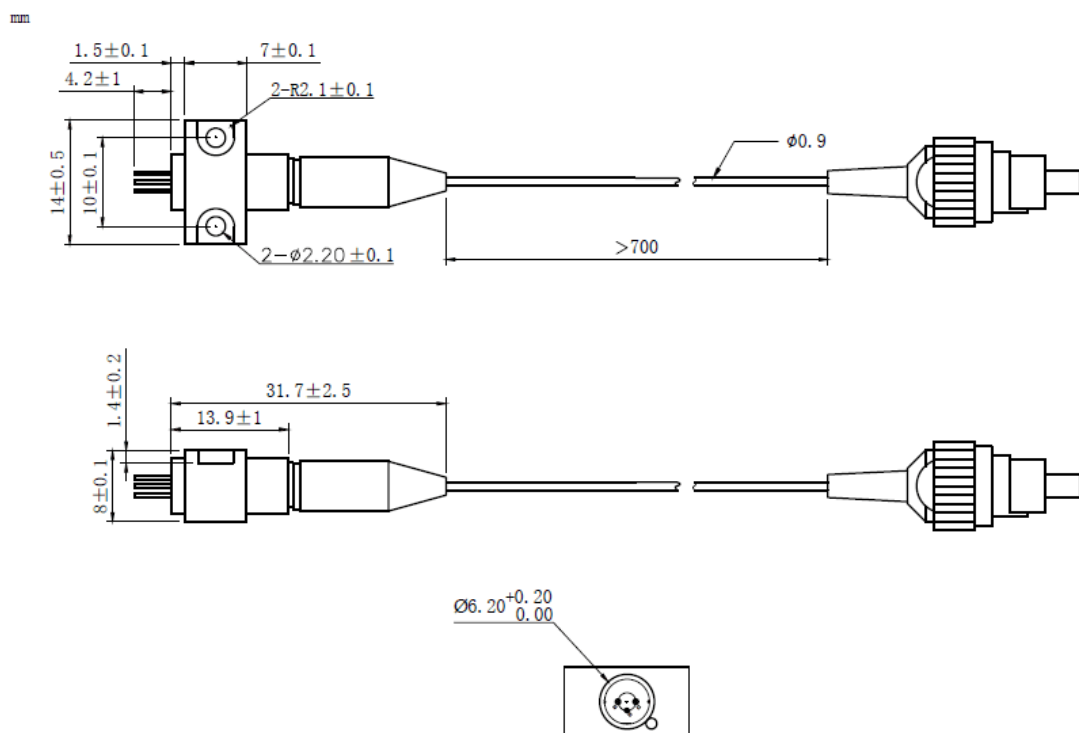
808nm Pigtailed Diode Laser		300mW/MM Fiber		en.wavespectrum-laser.com.cn	
PARAMETER		SYMBOL	VALUE		UNIT
Reverse Voltage		V _r	2.0		V
Operating Temperature		T _{op}	-10 ~ +60		°C
Storage Temperature		T _{stg}	-40 ~ +85		°C
Lead soldering temperature (10 sec.)		T _{is}	260		°C
Features: 808nm 105um MM Fiber Coaxial or B82 Package Built-in PD					
Applications: Medical Laser Treatment Others					
Specifications		WSLP-808-300m-M-PD			
		Min	Type	Max	
Center Wavelength@25°C		808nm±10nm			
Spectral Width (FWHM)		----	2.0nm	----	
Output Power		250mW	300mW	----	
Fiber Core Diameter		105um			
Fiber Numerical Aperture		0.22			
Monitor Current		----	0.3mA	----	
PD Reverse Voltage		----	----	30V	
Fiber Connector		FC/SC/SMA905			
Fiber Length		>80cm			
Threshold Current (Typ.)		----	65mA	100mA	
Operating Current (Typ.)		----	550mA	580mA	
Operating Voltage		----	1.9V	2.4V	
Package Style		Coaxial or B82			
Recommend Operating Temperature		25°C			



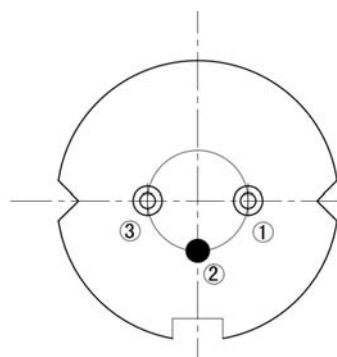
Coaxial Package View: (Part Number: WSLP-808-300m-M-PD)



B82 Package View: (Part Number: WSLP-808-300m-M-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.

