

480nm~482nm 20mW Coaxial Pigtailed Laser Diode with PMF | Blue Laser Module

480nm 20mW PM Fiber Coupled LD | 3um Polarization Maintaining (SM Fiber)

WSLP-480-020m-PM

Wavespectrum Laser Group

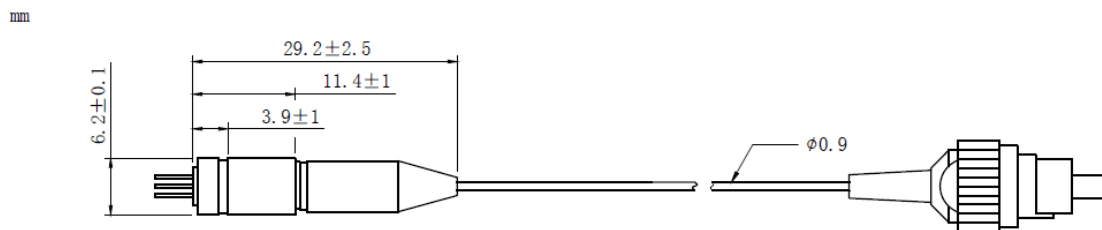
www.wavespectrum-laser.com

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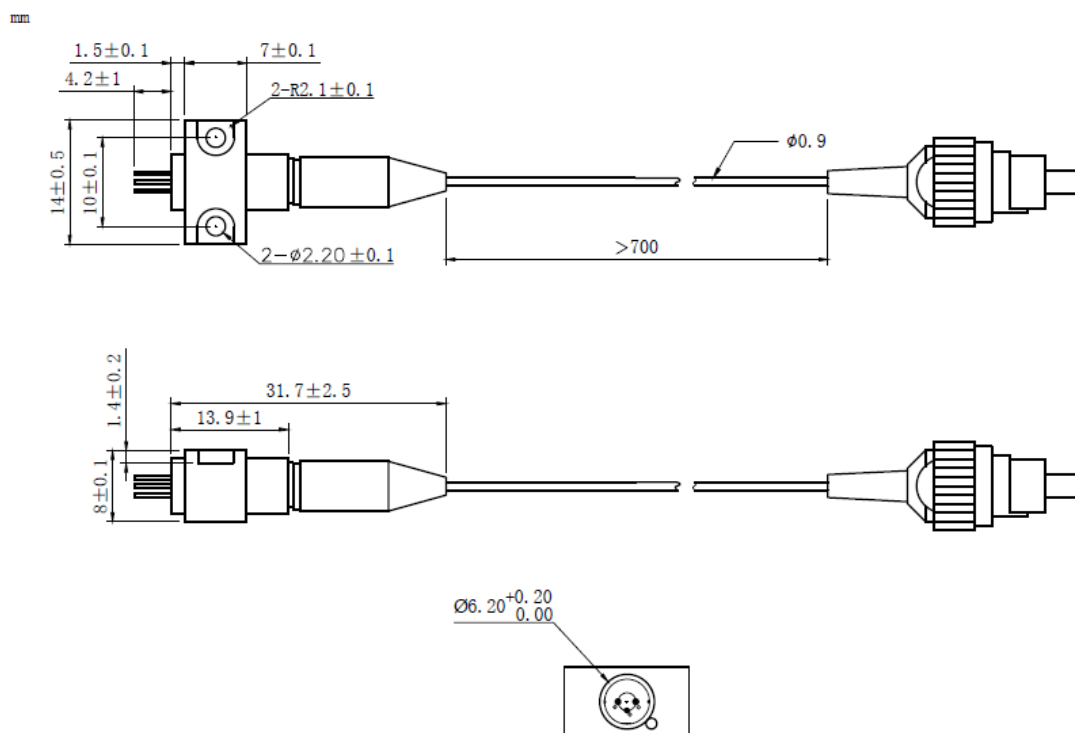
480nm Pigtailed Diode Laser		20mW/PMF	en.wavespectrum-laser.com.cn	
PARAMETER	SYMBOL	VALUE		UNIT
Reverse Voltage	V _r	2.0		V
Operating Temperature	T _{op}	-10 ~ +60		°C
Storage Temperature	T _{stg}	-40 ~ +85		°C
Lead soldering temperature (10 sec.)	T _{is}	260		°C
Features:				
480nm - PM Fiber - High Reliability - High Polarization Extinction Ratio				
Applications:				
- Medical Laser Treatment - Biotechnology - Others				
Specifications		WSLP-480-020m-PM		
	Min	Type	Max	
Center Wavelength@25℃	480nm±10nm			
Spectral Width (FWHM)	----	2.0nm	----	
Output Power	----	20mW	----	
Fiber Type	Polarization Maintaining Fiber			
Fiber Core	3um			
Recommend Operating Temperature	25℃			
Fiber Connector	FC / APC			
Polarization Extinction Ratio	13dB	15dB		
Fiber Length	----	80cm	100cm	
Threshold Current	----	35mA	65mA	
Operating Current	----	140mA	160mA	
Operating Voltage	----	6.5V	8.0V	
Package Style	Coaxial or B82			



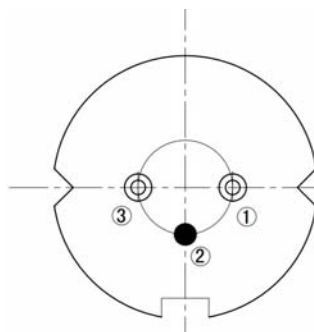
Coaxial Package View: (Part Number: WSLP-480-020m-PM)



B82 Package View: (Part Number: WSLP-480-020m-PM-B)



PIN Bottom View:



1	LD(+)
2	GND
3	LD(-)



Electrically shorten LD module and store in non-extreme conditions.
Suggest using the constant current power supply.

