

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

480nm Pigtailed Diode Laser	20mW/PMF	en.wavespectrum-laser.com.cn
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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°C	480nm±10nm		
Spectral Width (FWHM)	----	2.0nm	----
Output Power	----	20mW	----
Fiber Type	Polarization Maintaining Fiber		
Fiber Core	3um		
Recommend Operating Temperature	25°C		
Fiber Connector	FC / APC		
Polarization Extinction Ratio	13dB	15dB	
Fiber Length	>80cm		
Threshold Current	----	35mA	65mA
Operating Current	----	140mA	160mA
Operating Voltage	----	6.5V	8.0V
Package Style	Coaxial or B82		

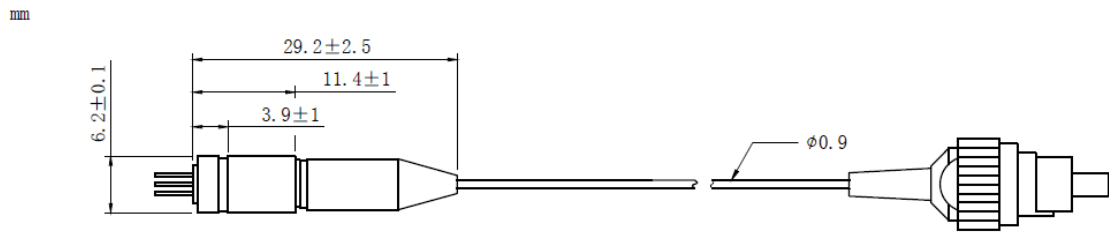
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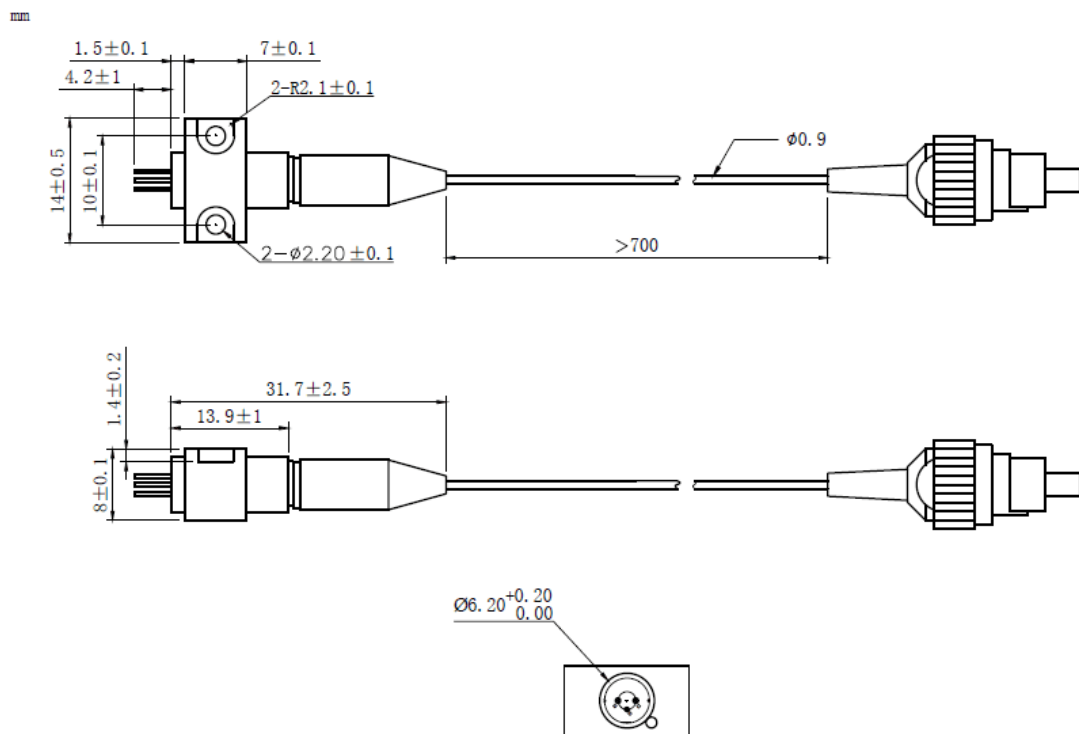
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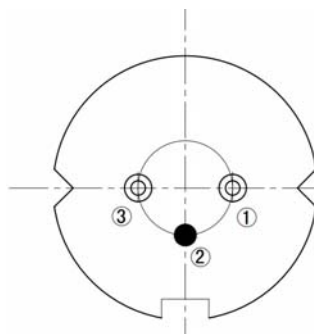
Coaxial Package View: (Part Number: WSLP-480-020m-PM)



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.

