

490nm~495nm 20mW Coaxial Pigtailed Laser Diode with PMF | Sky Blue Laser Module

492nm~495nm 20mW PM Fiber Coupled LD | 3um Polarization Maintaining (SM Fiber)

WSLP-495-020m-PM

Wavespectrum Laser Group

www.wavespectrum-laser.com

495nm Pigtailed Diode Laser

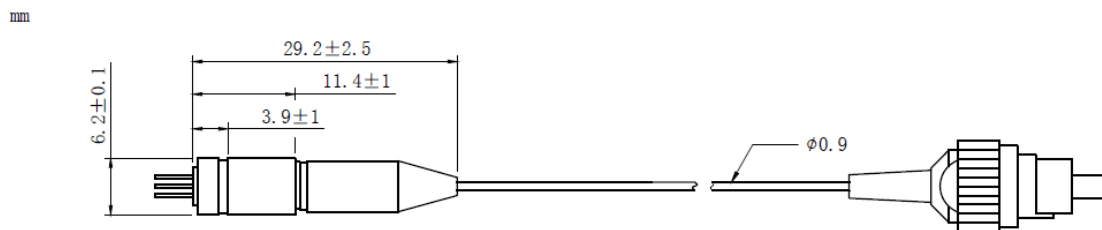
20mW/PMF

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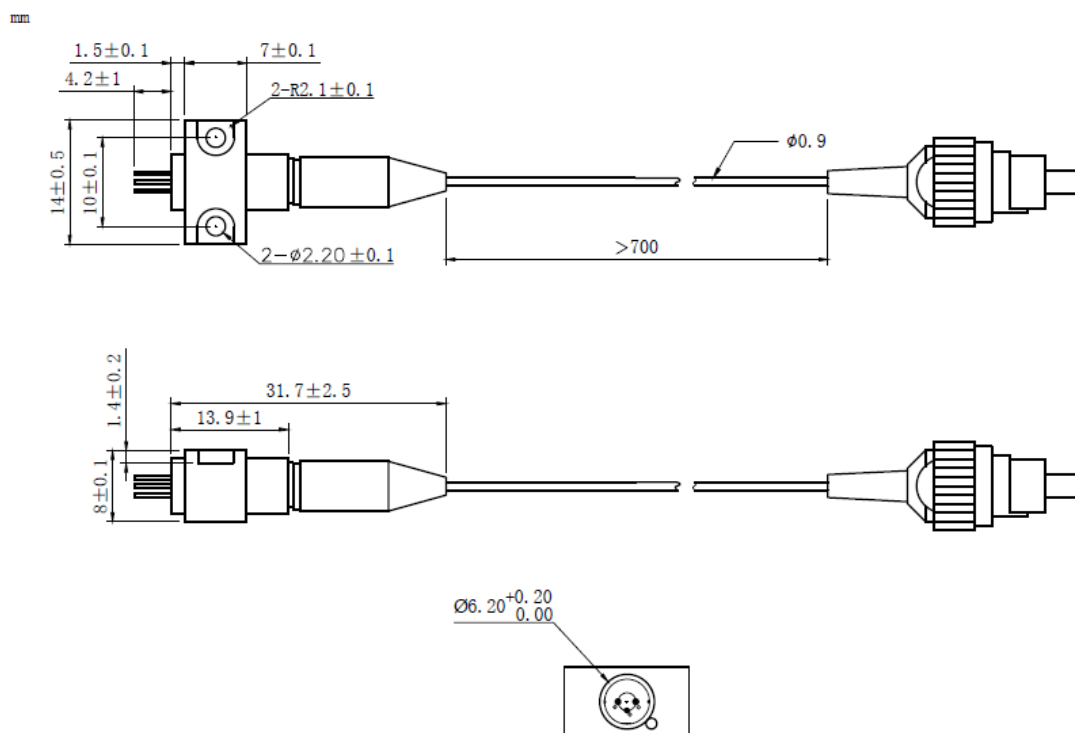
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	-10 ~ +60	°C
Storage Temperature	T_{stg}	-40 ~ +85	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C
Features:			
495nm - PM Fiber - High Reliability - High Polarization Extinction Ratio			
Applications:			
- Medical Laser Treatment - Biotechnology - Others			
Specifications	WSLP-495-020m-PM		
	Min	Type	Max
Center Wavelength@25°C	495nm±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	----	20mA	60mA
Operating Current	----	140mA	160mA
Operating Voltage	----	6.5V	8.0V
Package Style	Coaxial or B82		



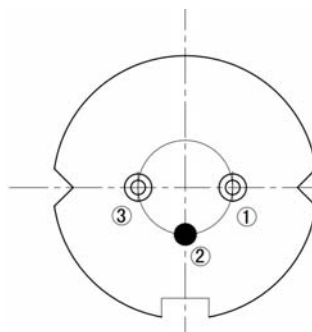
Coaxial Package View: (Part Number: WSLP-495-020m-PM)



B82 Package View: (Part Number: WSLP-495-020m-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.

