635nm 30mW～40mW PM Fiber Coupled Laser Diode with Coaxial Package | Red Laser Diode
# 635nm～638nm 30mW Coaxial Pigtailed LD with Polarization Maintaining Fiber (SM Fiber)

WSLP-635-030m-PM 　　　　**Wavespectrum Laser Group** 　　　　www.wavespectrum-laser.com

635nm Pigtailed Diode Laser	30mW/PM Fiber	en.wavespectrum-laser.com.cn
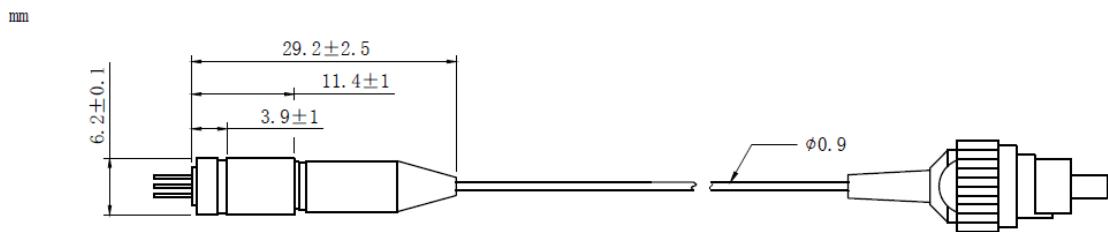
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	-10～+60	℃
Storage Temperature	T_{stg}	-40～+85	℃
Lead soldering temperature (10 sec.)	T_{is}	260	℃

Features:

- 635nm
- PM Fiber
- High Reliability
- High Polarization Extinction Ratio

Applications:

- Biological Instruments
- Analytical Equipment
- Others

Specifications	WSLP-635-030m-PM		
	Min	Type	Max
Center Wavelength@25℃	630nm	638nm	645nm
Recommended work Temperature	25℃		
Output Power	----	30mW	----
Fiber Type	Polarization Maintaining Fiber		
Fiber Core	4um		
Polarization Extinction Ratio	13dB	15dB	----
Monitor Current	----	----	----
Fiber Connector	FC/APC		
Fiber Length	----	80cm	100cm
Threshold Current	----	55mA	100mA
Operating Current	----	180mA	200mA
Operating Voltage	----	2.6V	3.2V
Package Style	Coaxial or B82		

High Polarization Extinction Ratio (PER) Version Laser Module is also available, please contact us.
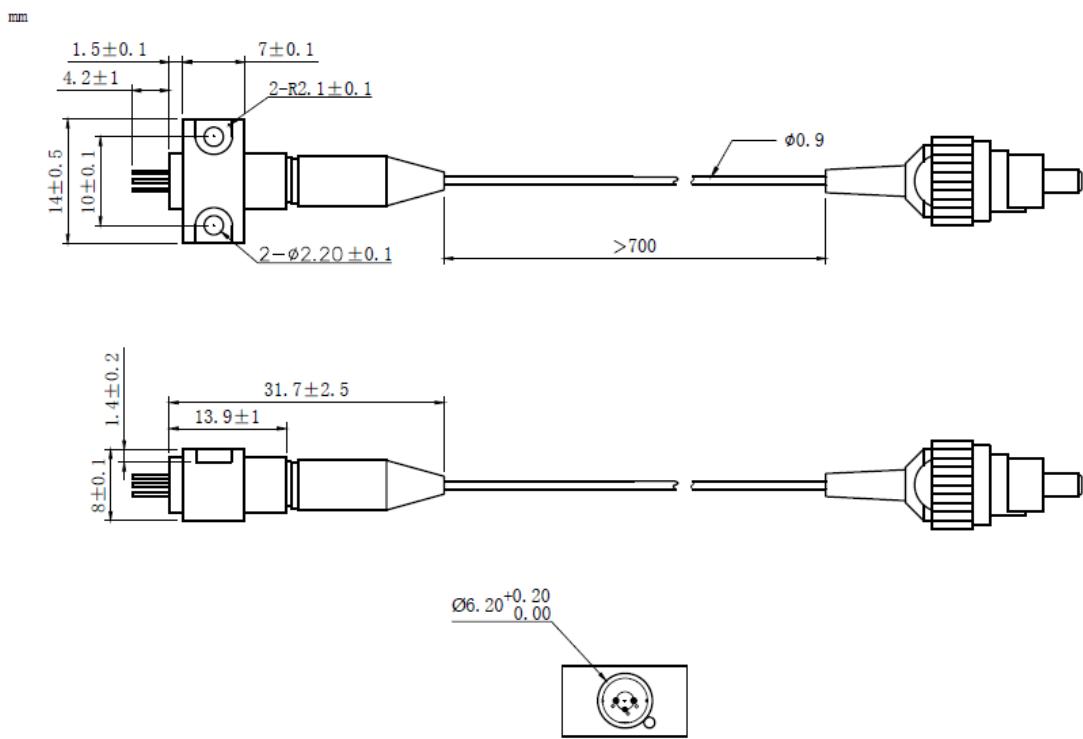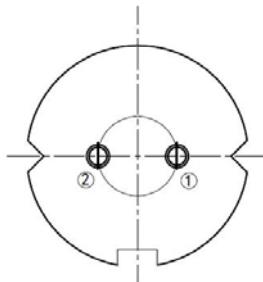
Coaxial Package View: (Part Number: WSLP-635-030m-PM)

mm

29.2±2.5

11.4±1

3.9±1

6.2±0.1

Φ0.9

B82 Package View: (Part Number: WSLP-635-030m-PM-B)

mm

1.5±0.1

7±0.1

4.2±1

2-R2.1±0.1

14±0.5

10±0.1

Φ0.9

2-Φ2.20±0.1

>700

1.4±0.2

31.7±2.5

13.9±1

8±0.1

$Φ6.20^{+0.20}_{0.00}$

PIN Bottom View:

②   ①

1	LD(+)
2	LD(-)

Electrically shorten LD module and store in non-extreme conditions.

Suggest using the constant current power supply.

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