# 640nm 80mW～90mW PM Fiber Coupled Laser Diode with Coaxial Package | Red Laser Diode
640nm～642nm 80mW High Power Coaxial Pigtailed LD with Polarization Maintaining Fiber

WSLP-640-080m-PM-PD   **Wavespectrum Laser Group**   www.wavespectrum-laser.com

640nm Pigtailed Diode Laser	80mW/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:

- 640nm
- PM Fiber
- High Reliability
- High Polarization Extinction Ratio

Applications:

- Biological Instruments
- Analytical Equipment
- Others

Specifications	WSLP-640-080m-PM-PD		
	Min	Type	Max
Center Wavelength@25℃	640nm±10nm		
Recommended work Temperature	25℃		
Output Power	----	80mW	----
Fiber Type	Polarization Maintaining Fiber		
Fiber Core	4um		
Polarization Extinction Ratio	13dB	15dB	----
Monitor Current	----	0.3mA	----
Fiber Connector	FC/APC		
Fiber Length	>80cm		
Threshold Current	----	60mA	90mA
Operating Current	----	260mA	280mA
Operating Voltage	----	2.8V	3.5V
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-640-080m-PM-PD)

mm

29.2±2.5
11.4±1
3.9±1
6.2±0.1
Φ0.9
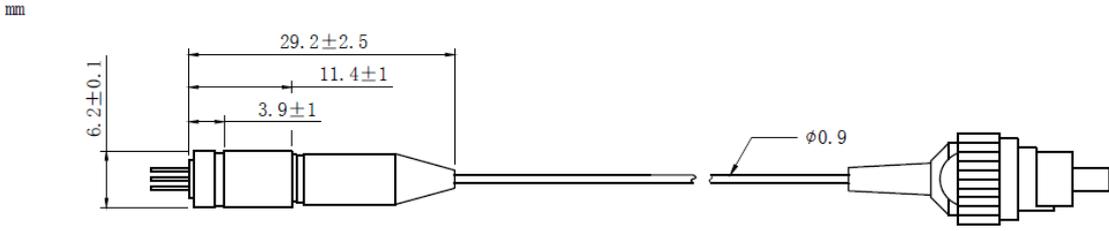
B82 Package View: (Part Number: WSLP-640-080m-PM-B-PD)

mm

1.5±0.1
7±0.1
4.2±1
2-R2.1±0.1
14±0.5
10±0.1
2-Φ2.20±0.1
Φ0.9
>700

1.4±0.2
31.7±2.5
13.9±1
8±0.1
Φ6.20 +0.20 0.00
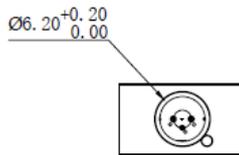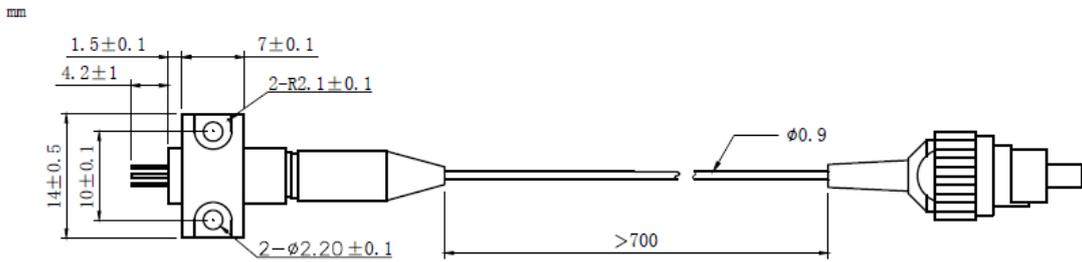
PIN Bottom View:
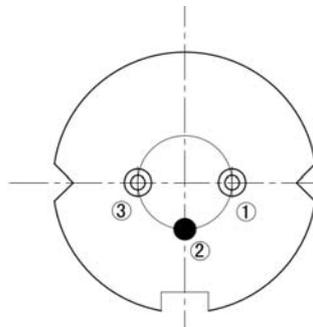
1	LD(-)
2	LD(+)＆PD(-)
3	PD(+)

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

Suggest using the constant current power supply.

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