


820nm~830nm 50mW PM Fiber Coupled Laser Diode with Coaxial Package | Infrared LD
830nm 50mW~60mW Coaxial Pigtailed LD with Polarization Maintaining Fiber (SM Fiber)
WSLP-830-050m-PM-PD Wavespectrum Laser Group www.wavespectrum-laser.com

830nm Pigtailed Diode Laser 50mW/PM Fiber 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

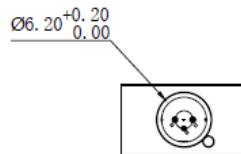
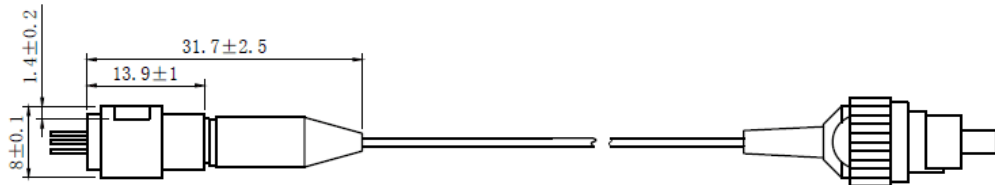
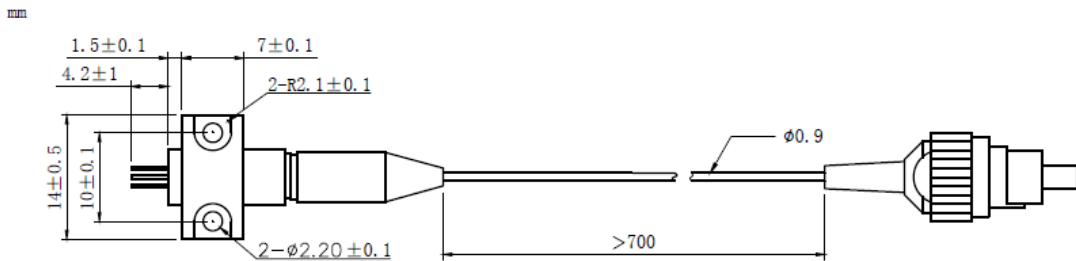
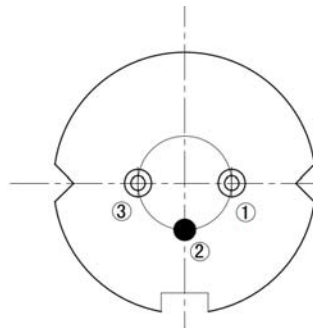
Features: <ul style="list-style-type: none"> ● 830nm ● PM Fiber ● High Reliability ● High Polarization Extinction Ratio 	
Applications: <ul style="list-style-type: none"> ● Biological Instruments ● Analytical Equipment ● Others 	

Specifications	WSLP-830-050m-PM-PD		
	Min	Type	Max
Center Wavelength@25°C	±5nm	830nm	±15nm
Recommended work Temperature	25°C		
Output Power	----	50mW	----
Fiber Type	Polarization Maintaining Fiber		
Fiber Core	5um		
Polarization Extinction Ratio	13dB	15dB	----
Monitor Current	----	0.3mA	----
Fiber Connector	FC/APC		
Fiber Length	----	80cm	100cm
Threshold Current (Typ.)	----	30mA	60mA
Operating Current (Typ.)	----	200mA	220mA
Operating Voltage	----	2.3V	2.8V
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-830-050m-PM-PD)

B82 Package View: (Part Number: WSLP-830-050m-PM-B-PD)

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.

