
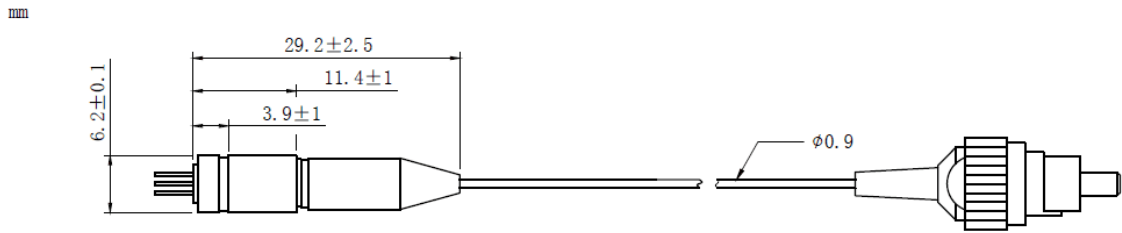
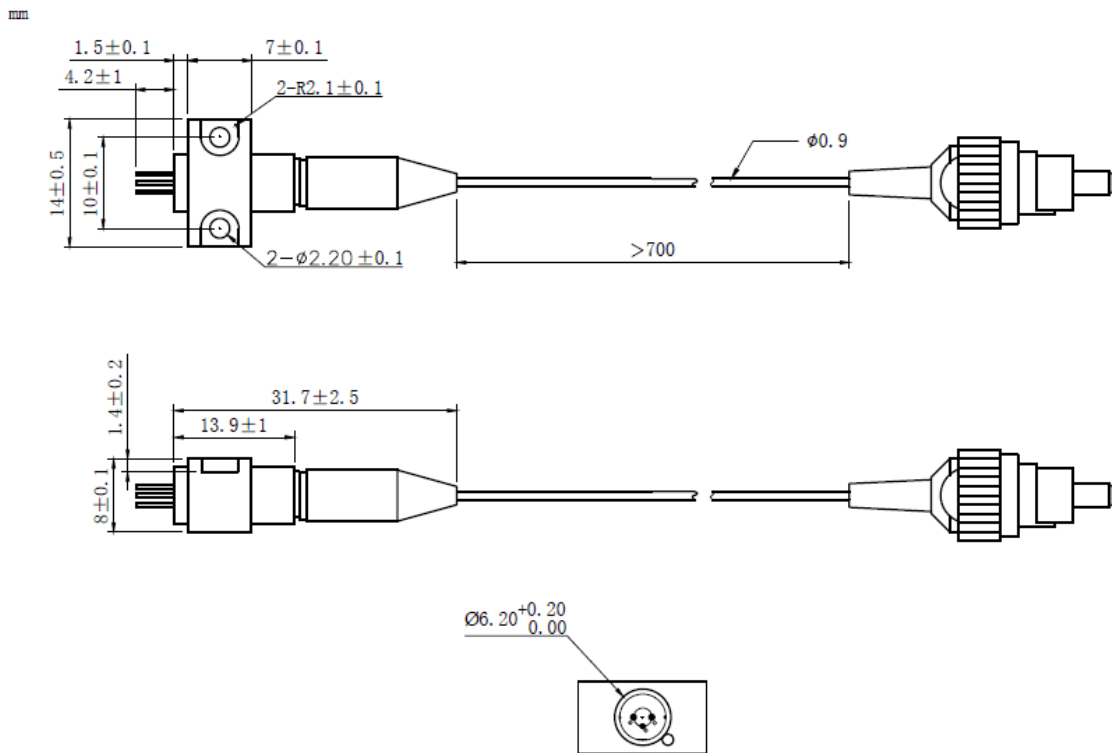
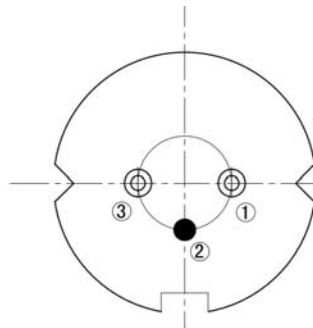


820nm~830nm 30mW PM Fiber Coupled Laser Diode with Coaxial Package | Infrared LD
830nm 30mW~40mW Coaxial Pigtailed LD with Polarization Maintaining Fiber (SM Fiber)
WSLP-830-030m-PM-PD Wavespectrum Laser Group www.wavespectrum-laser.com

| 830nm 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 | °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-830-030m-PM-PD | | | | |
| | Min | Type | Max | | |
| Center Wavelength@25°C | ±5nm | 830nm | ±15nm | | |
| Recommended work Temperature | 25°C | | | | |
| Output Power | ---- | 30mW | ---- | | |
| 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 | 55mA | | |
| Operating Current (Typ.) | ---- | 150mA | 170mA | | |
| Operating Voltage | ---- | 1.8V | 2.5V | | |
| 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-830-030m-PM-PD)

B82 Package View: (Part Number: WSLP-830-030m-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.

