
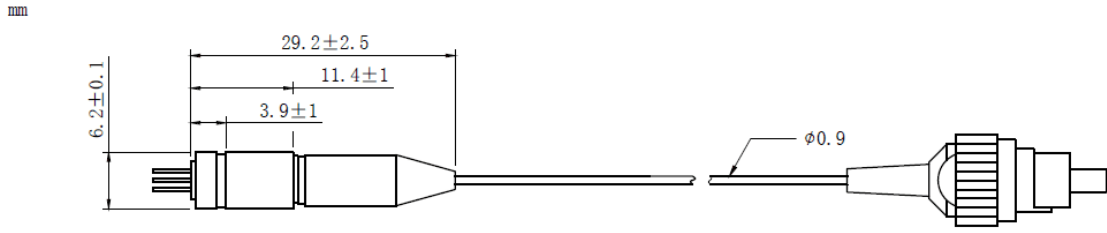


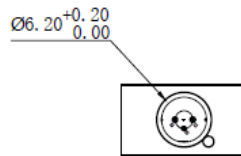
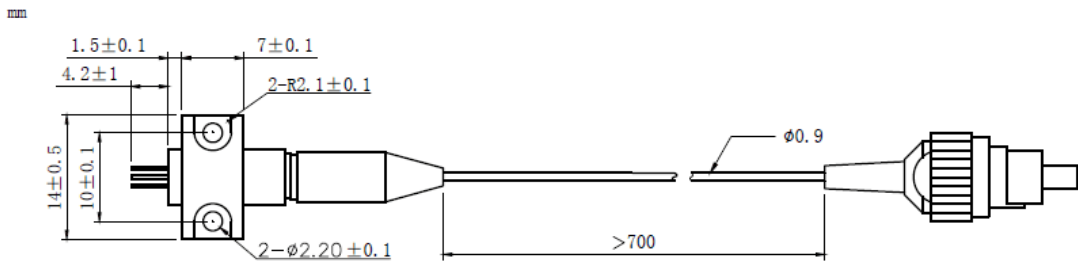
488nm~492nm 50mW Fiber coupled Diode Laser module with Coaxial Package| Blue LD Module
485nm~488nm~490nm Pigtailed LD with 50um, 62.5um or 105um Multi-mode Fiber (MM Fiber)
RWLP-488-050m-M

| 488nm Pigtailed Diode Laser | | 50mW/MMF | |
|--|--|----------|-------|
| 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"> ● 488nm Diode Laser ● Multi-mode Fiber ● Coaxial or B82 Package ● High Stability |  | | |
| Applications: <ul style="list-style-type: none"> ● Medical Laser Treatment ● Biotechnology ● Others | | | |
| Specifications | RWLP-488-050m-M | | |
| | Min | Type | Max |
| Center Wavelength@25°C | 488nm±10nm | | |
| Spectral Width (FWHM) | ---- | 2.0nm | ---- |
| Output Power | ---- | 50mW | ---- |
| Fiber Type | Multi-mode Fiber | | |
| Fiber Core | 105um (50um, 62.5um Optional) | | |
| Recommend Operating Temperature | 25°C | | |
| Fiber Length | >80cm | | |
| Threshold Current (Typ.) | ---- | 30mA | 60mA |
| Operating Current (Typ.) | ---- | 130mA | 150mA |
| Operating Voltage | ---- | 6.5V | 8.0V |
| Package Style | Coaxial or B82 | | |
| Fiber Connector | FC/SC/SMA905 | | |
| Photodiode | Without | | |

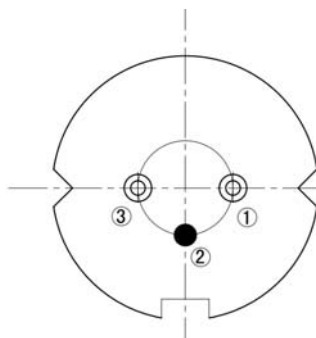
Coaxial Package View: (Part Number: RWLP-488-050m-M)



B82 Package View: (Part Number: RWLP-488-050m-M-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.

