

460nm 100mW Coaxial Pigtailed Diode Laser with 105um MMF| Blue LD Module

460nm Fiber Coupled Laser Diode with 50um 60um 105um MM Fiber

WSLP-460-100m-M

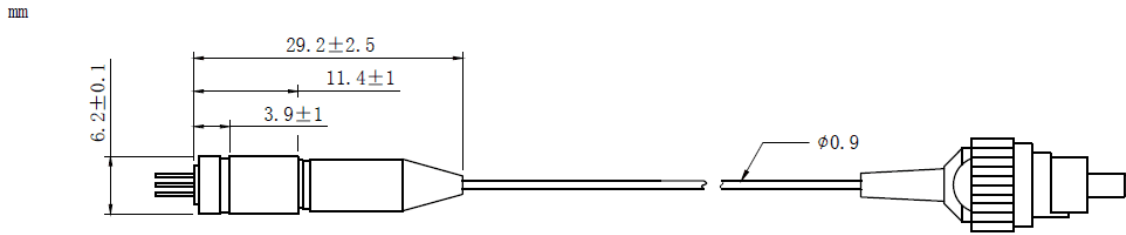
Wavespectrum Laser Group

www.wavespectrum-laser.com

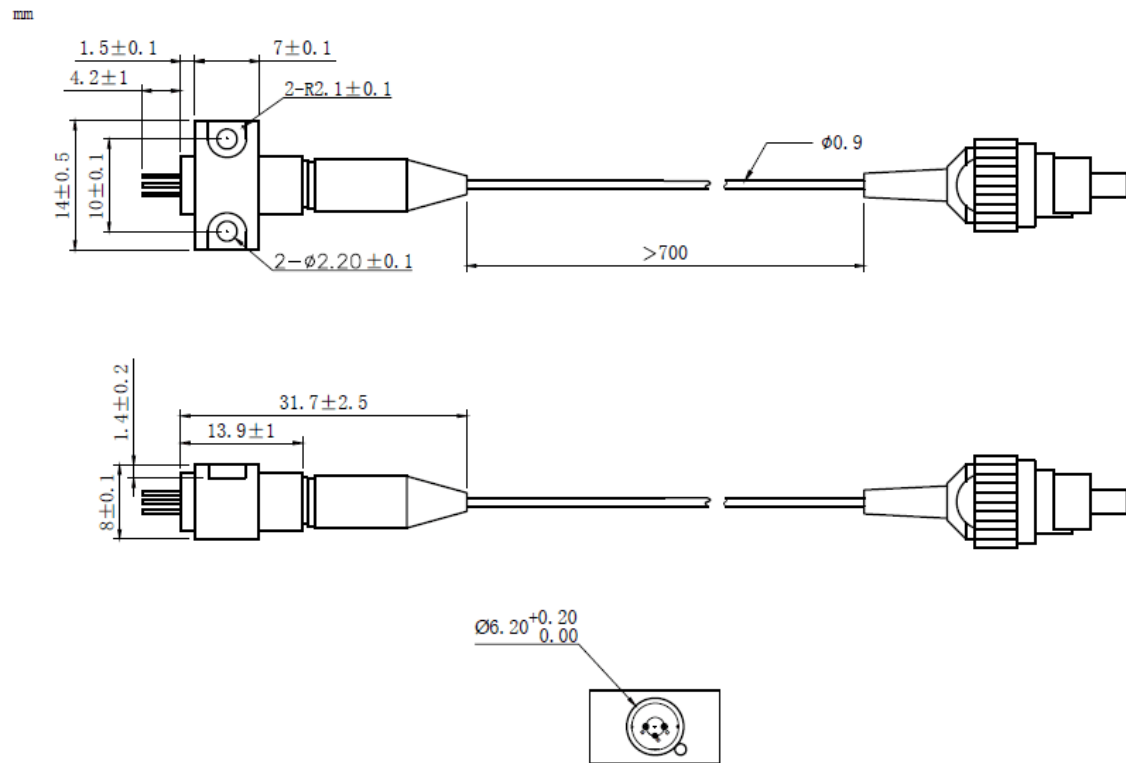
| 460nm Pigtailed Diode Laser | | 100mW/MM Fiber | | en.wavespectrum-laser.com.cn | |
|--------------------------------------|--|--|-----------|------------------------------|-------|
| PARAMETER | | SYMBOL | VALUE | | UNIT |
| Reverse Voltage | | V _r | 2.0 | | V |
| Operating Temperature | | T _{op} | -10 ~ +70 | | °C |
| Storage Temperature | | T _{stg} | -40 ~ +85 | | °C |
| Lead soldering temperature (10 sec.) | | T _{is} | 260 | | °C |
| Features: | |  | | | |
| Applications: | | | | | |
| 460nm | | | | | |
| Coaxial or B82 Package | | | | | |
| High Stability | | | | | |
| Medical Laser Treatment | | | | | |
| Printing | | | | | |
| Others | | | | | |
| Specifications | | WSLP-460-100m-M | | | |
| | | Min | Type | | Max |
| Center Wavelength@25℃ | | 450nm | 460nm | | 470nm |
| Spectral Width (FWHM) | | ---- | 2.0nm | | ---- |
| Output Power | | ---- | 100mW | | ---- |
| Fiber Type | | Multi-mode Fiber | | | |
| Fiber Core | | 105um (50um,62.5um optional) | | | |
| Recommend Operating Temperature | | 25℃ | | | |
| Monitor Current | | ---- | ---- | | ---- |
| PD Reverse Voltage | | ---- | ---- | | ---- |
| Fiber Connector | | FC/SC/SMA905 | | | |
| Fiber Length | | >80cm | | | |
| Threshold Current (Typ.) | | ---- | 25mA | | 60mA |
| Operating Current (Typ.) | | ---- | 140mA | | 160mA |
| Operating Voltage | | ---- | 6.0V | | 7.0V |
| Package Style | | Coaxial or B82 | | | |



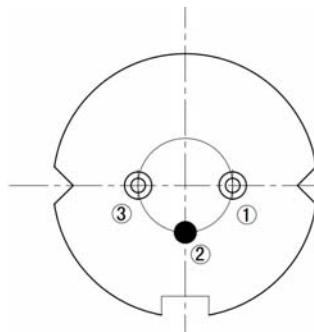
Coaxial Package View: (Part Number: WSLP-460-100m-M)



B82 Package View: (Part Number: WSLP-460-100m-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.

