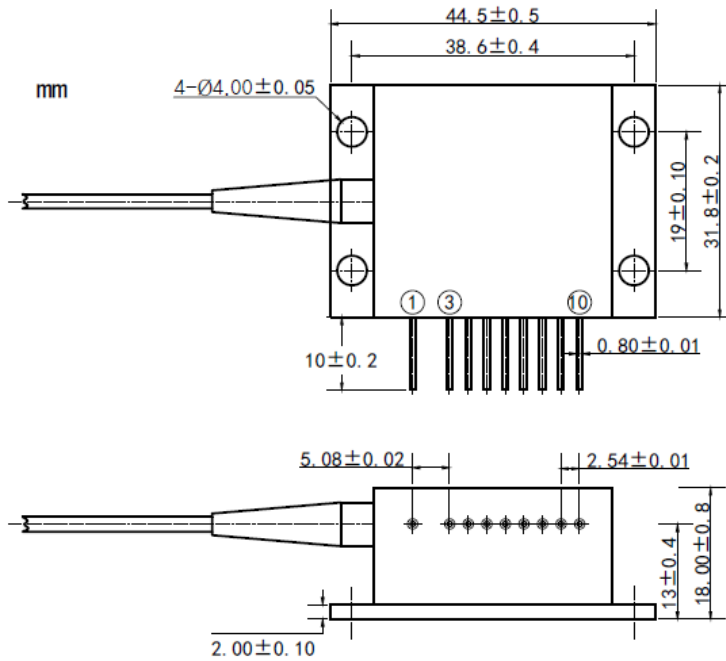


520nm~525nm 1W 9-Pin HHL Package Fiber Coupled Diode Laser With 50um Fiber | Green LD Module
520nm| 9-Pin Package Pigtailed Laser Diode Module |Built-in TEC Cooling | Built-in PD
RWLX-520-001-50M-H9-T-PD

| PARAMETER | SYMBOL | VALUE | UNIT |
|--|--|-------------|-------------|
| MAX Reverse Current | I_r | 80 | mA |
| Operating Temperature | T_{op} | +10 ~ +30 | °C |
| Storage Temperature | T_{stg} | -40 ~ +85 | °C |
| Lead soldering temperature (10 sec.) | T_{is} | 260 | °C |
| Features: <ul style="list-style-type: none"> ● 520nm ● 50um Multi-mode Fiber ● Built-in TEC Cooling ● Built-in Photodiode ● High Stability |  | | |
| Applications: <ul style="list-style-type: none"> ● Medical Laser Treatment ● Others | | | |
| Specifications | RWLX-520-001-50M-H9-T-PD | | |
| | Min. | Type | Max. |
| Center Wavelength@25°C | 510nm | 520nm | 535nm |
| Spectral Width (FWHM) | ---- | 3nm | ---- |
| Output Power | ---- | 1W | ---- |
| Recommended Operating Temperature | 25 °C | | |
| Threshold Current (Typ.) | ---- | 0.2A | 0.6A |
| Operating Current (Typ.) | ---- | 2.1A | 2.3A |
| Operating Voltage | | 5.0V | 6.0V |
| TEC Max Current | 6A | | |
| TEC Max Voltage | 9.8V | | |
| Thermistor | 10K | | |
| Fiber Core | 50um | | |
| Numerical Aperture | 0.22 | | |
| Fiber Length | >80cm | | |
| Connector Type | SMA905/FC | | |
| Package | 9-Pin | | |

9-PIN HHL Package View



| PIN | FUNCTION |
|-----|----------|
| 1 | TEC (-) |
| 2 | - |
| 3 | CASE |
| 4 | LD (+) |
| 5 | THERM |
| 6 | THERM |
| 7 | LD (-) |
| 8 | PD (P) |
| 9 | PD (N) |
| 10 | TEC (+) |

We offer Customized 520nm Fiber Coupled LD.

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional
(such as 2W@520nm+7W@808nm)

Contact us with info@rpmclasers.com

Electrically shorten LD module and store in non-extreme conditions.
Suggest using the constant current power supply.

