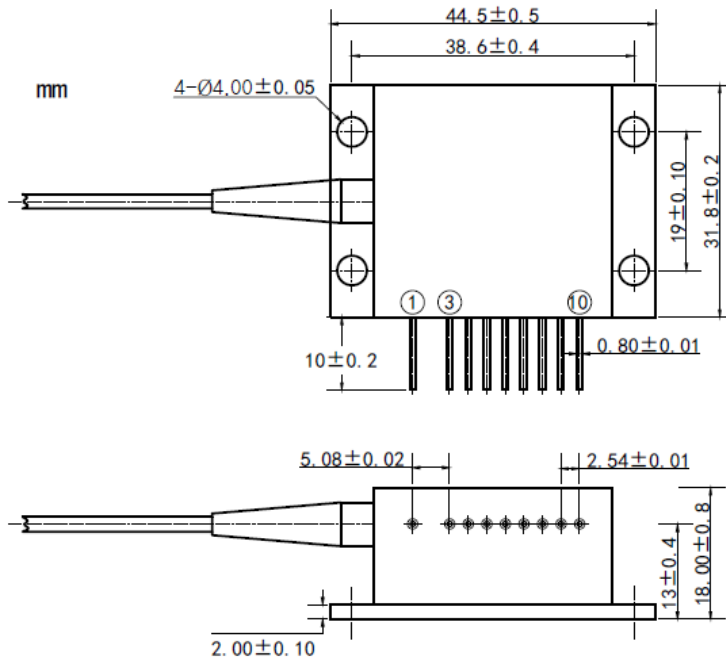


**530nm~532nm 1W 9-Pin Package Fiber Coupled Diode Laser With 50um MM Fiber | High Power Green LD**  
**532nm 1W| 9-Pin HHL Package Pigtailed Laser Diode Module |Built-in TEC Cooling | Built-in PD**  
**RWLX-532-001-50M-H9-T-PD**

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
<b>Features:</b> <ul style="list-style-type: none"> <li>● 532nm</li> <li>● Multi-mode Fiber</li> <li>● Built-in TEC Cooling</li> <li>● Built-in Photodiode</li> <li>● High Stability</li> </ul>			
<b>Applications:</b> <ul style="list-style-type: none"> <li>● Medical Laser Treatment</li> <li>● Others</li> </ul>			
<b>Specifications</b>	<b>RWLX-532-001-50M-H9-T-PD</b>		
	<b>Min.</b>	<b>Type</b>	<b>Max.</b>
Center Wavelength@25°C	532nm±10nm		
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 532nm Fiber Coupled LD.

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional  
(such as 2W@532nm+7W@808nm)

Contact us with [info@rpmclasers.com](mailto:info@rpmclasers.com)

Electrically shorten LD module and store in non-extreme conditions.

Suggest using the constant current power supply.

