

**515nm~520nm 800mW 9-Pin Package Fiber Coupled Diode Laser With 50um MM Fiber | Green LD Module  
520nm| 700mW~800mW Output Power | 9-Pin Package | High Power Laser |Built-in TEC Cooling | Built-in PD  
RWLX-520-800m-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 (5 sec.)	$T_{is}$	260	°C

**Features:**

- 520nm
- Multi-mode Fiber
- Built-in TEC Cooling
- Built-in Photodiode
- High Stability

**Applications:**

- Medical Laser Treatment
- Others

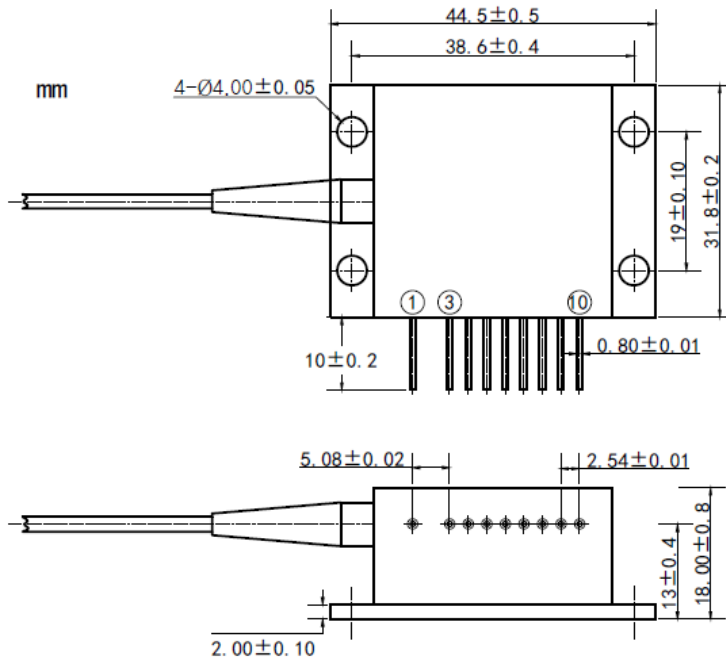


**Specifications**

**RWLX-520-800m-50M-H9-T-PD**

	Min.	Type	Max.
Center Wavelength@25°C	510nm	520nm	535nm
Spectral Width (FWHM)	----	2nm	----
Output Power	700mW	800mW	----
Recommend Operating Temperature	25 °C		
Threshold Current (Typ.)	----	0.2A	0.5A
Operating Current (Typ.)	----	1.6A	1.8A
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](mailto:info@rpmclasers.com)

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

