

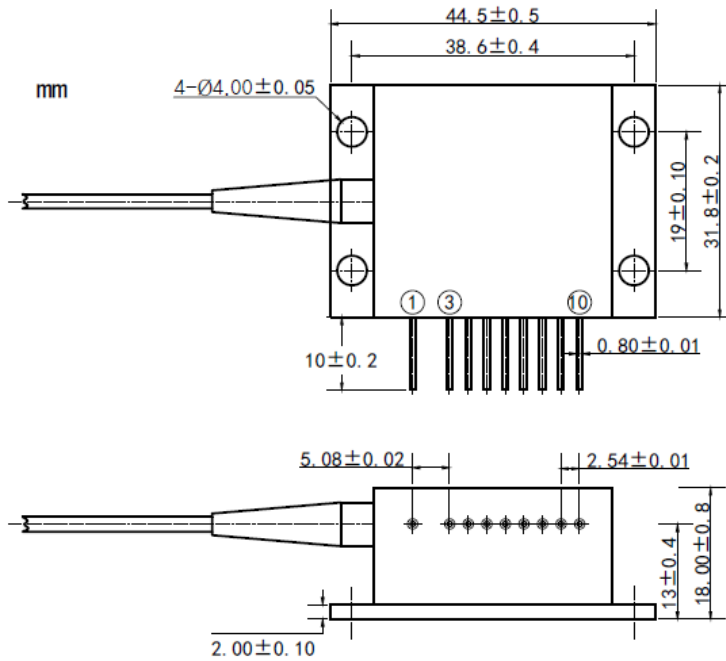
**633nm 700mW Fiber Coupled Laser Diode with 9-Pin Package | Built-in TEC cooler**

**633nm~635nm 700mW 9-Pin HHL Pigtailed Diode Laser Module With 50um MM Fiber | Built-in PD**

**RWLX-633-700m-50M-H9-T-PD**

633nm Pigtailed Diode Laser		0.7W/MM Fiber	
PARAMETER	SYMBOL	VALUE	UNIT
MAX Reverse Voltage	$V_r$	2.0	V
Operating Temperature	$T_{op}$	0~ +20	°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>• 633nm</li> <li>• 9-Pin Package</li> <li>• Built-in TEC Cooler</li> <li>• Built-in Photodiode</li> </ul>			
<b>Applications:</b> <ul style="list-style-type: none"> <li>• Medical Laser Treatment</li> <li>• Sensor</li> <li>• Others</li> </ul>			
<b>Specifications</b>	<b>RWLX-633-700m-50M-H9-T-PD</b>		
	Min	Type	Max
Center Wavelength@15°C	633nm±5nm		
Output Power		700mW	
Spectral Width (FWHM)		2nm	
Recommended Operating Temperature	≤15°C		
Temperature Coefficient of Wavelength	0.2nm / °C		
Threshold Current (Typ.)		0.3A	
Operating Current (Typ.)		1.1A	
Operating Voltage		2.6V	
TEC Max Current	6A		
TEC Max Voltage	9.8V		
Thermistor	10K		
Fiber Core	50um		
Numerical Aperture	0.22		
Fiber Connector	FC/SMA905		
Fiber Length	>80cm		
Package Style	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 633nm Fiber Coupled LD.

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional  
(such as 2W@633nm+ 12W@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.

