


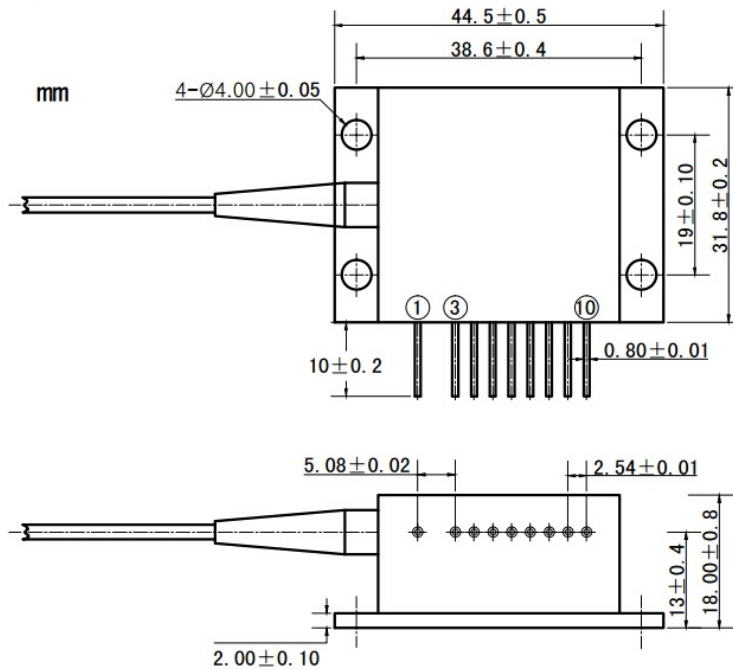
**375nm 100mW 9-Pin Package Fiber Coupled Diode Laser With TEC | Violet Laser Diode**  
**375nm| 9-Pin BTF Package With 105um UV Fiber |Built-in TEC Cooling**  
**RWLX-375-100m-M-H9-T**

PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	$V_r$	2.0	V
Operating Temperature	$T_{op}$	+15 ~ +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><span style="color: #f1c40f;">●</span> 375nm</li> <li><span style="color: #f1c40f;">●</span> 100mW Output Power</li> <li><span style="color: #f1c40f;">●</span> UV Multi-mode Fiber</li> <li><span style="color: #f1c40f;">●</span> Built-in TEC Cooling</li> <li><span style="color: #f1c40f;">●</span> High Stability</li> </ul>	
<b>Applications:</b> <ul style="list-style-type: none"> <li><span style="color: #f1c40f;">●</span> Medical Laser Treatment</li> <li><span style="color: #f1c40f;">●</span> Others</li> </ul>	

Specifications	RWLX-375-100m-M-H9-T		
	Min.	Type	Max.
Center Wavelength@25°C	375nm±10nm		
Spectral Width (FWHM)	----	2nm	----
Output Power	----	100mW	----
Recommended Operating Temperature	25 °C		
Threshold Current (Typ.)	----	200mA	300mA
Operating Current (Typ.)	----	300mA	400mA
Operating Voltage		4.5V	5.5V
TEC Max Current	6A		
TEC Max Voltage	9.8V		
Fiber Type	UV Multi-mode Fiber		
Fiber Core	105um		
Fiber Length	>80cm		
Connector Type	SMA905/FC		
Package	9-Pin		

## 9-PIN Package View



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

### We offer Customized 375nm Fiber Coupled LD.

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional  
(such as 500mw@405nm+10W@980nm)

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.

