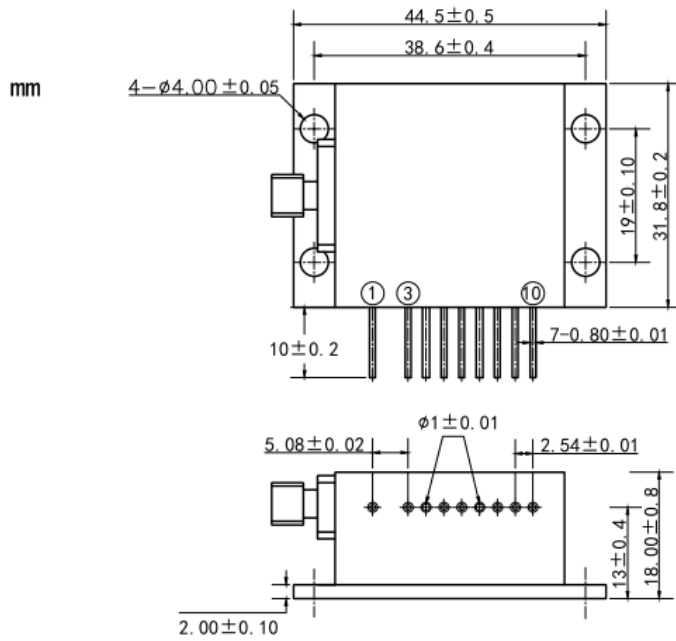


**470nm~473nm 2W Fiber Detachable LD | Built-in Photodiode | Built-in TEC cooler**  
**473nm Fiber Receptacle Laser Diode | Suit for 200um or 400um Fiber | Aiming Beam Optional**  
**WSLR-473-002-200M-H9-T-PD      Wavespectrum Laser Group      www.wavespectrum-laser.com**

473nm Fiber Detachable Diode Laser		2W		en.wavespectrum-laser.com.cn	
PARAMETER	SYMBOL	VALUE		UNIT	
MAX Reverse Current	$I_r$	80		mA	
Operating Temperature	$T_{op}$	0~+30		°C	
Storage Temperature	$T_{stg}$	-20~+80		°C	
Lead soldering temperature (10 sec.)	$T_{is}$	260		°C	
<b>Features:</b> <ul style="list-style-type: none"> <li>● 473nm</li> <li>● Fiber Detachable Package</li> <li>● Built-in Photodiode</li> <li>● Built-in TEC Cooler</li> <li>● Aiming Beam Optional</li> </ul>					
<b>Applications:</b> <ul style="list-style-type: none"> <li>● Medical Laser Treatment</li> <li>● Others</li> </ul>					
<b>Specifications</b>		<b>WSLR-473-002-200M-H9-T-PD</b>			
		Min	Type	Max	
Center Wavelength@25°C		473nm±10nm			
Spectral Width (FWHM)		----	3nm	----	
Output Power(After Fiber End)		----	2.0W	----	
Used Fiber Core		200um (400um or more)			
Recommended Operating Temperature		25°C			
Detachable Fiber Connector		SMA905			
Threshold Current (Typ.)		----	0.4A	0.6A	
Operating Current (Typ.)		----	2.5A	3.0A	
Operating Voltage		----	4.5V	5.5V	
TEC Max. Current		6A			
TEC Max. Voltage		9.8V			
Thermistor		10K			
Package Style		9-Pin Detachable			
Fiber Detection Function		Optional			
Red Aiming Beam		Optional			



**9-Pin Detachable Package View:**


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

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

