

**375nm 120mW Fiber Detachable LD | Built-in TEC cooler**
**375nm Fiber Receptacle Laser Diode| 105um, 200um, 400um Fiber Core**

WSLR-375-120m-M-H14-T

Wavespectrum Laser Group

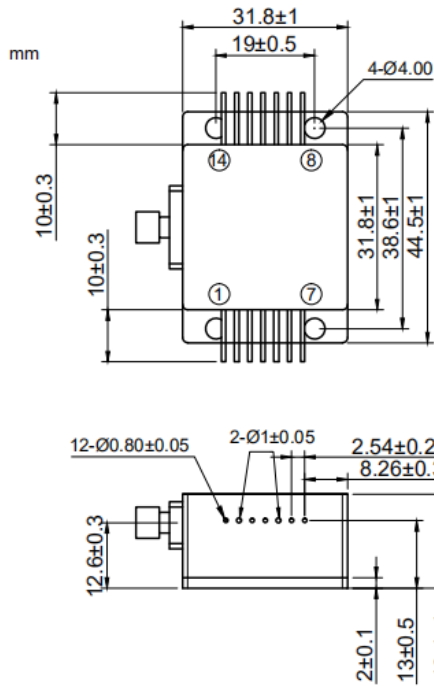
[www.wavespectrum-laser.com](http://www.wavespectrum-laser.com)

375nm Fiber Detachable Diode Laser		120mW		en.wavespectrum-laser.com.cn	
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>375nm</li> <li>Suit for 105um MM Fiber</li> <li>Fiber Detachable Package</li> <li>Built-in Photodiodes</li> <li>Built-in TEC cooler</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-375-120m-M-H14-T</b>			
		Min	Type	Max	
Center Wavelength@25°C		±5nm	375nm	±10nm	
Spectral Width (FWHM)		----	2nm	----	
Output Power(After Fiber End)		----	120mW	----	
Used Fiber Core	105um UV Fiber				
Recommended Operating Temperature	25°C				
Detachable Fiber Connector	SMA905				
Threshold Current (Typ.)		----	180mA	----	
Operating Current (Typ.)		----	360mA	----	
Operating Voltage		----	5.0V	----	
TEC Max. Current	6A				
TEC Max. Voltage	9.8V				
Thermistor	10K				
Package Style	14-Pin				

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[sales@wavespectrum-laser.com.cn](mailto:sales@wavespectrum-laser.com.cn)


### 14-Pin Package View



PIN	FUNCTION	PIN	FUNCTION
1	CASE	14	TEC(+)
2	LD(+)	13	None
3	Thermistor (10K)	12	None
4	Thermistor (10K)	11	None
5	LD(-)	10	None
6	None	9	None
7	None	8	TEC(-)

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

