


980nm 2W Fiber Coupled Diode Laser Module

980nm|4-pin or 2-pin Package| 105um Fiber Core| High Power LD

WSLX-980-002-H

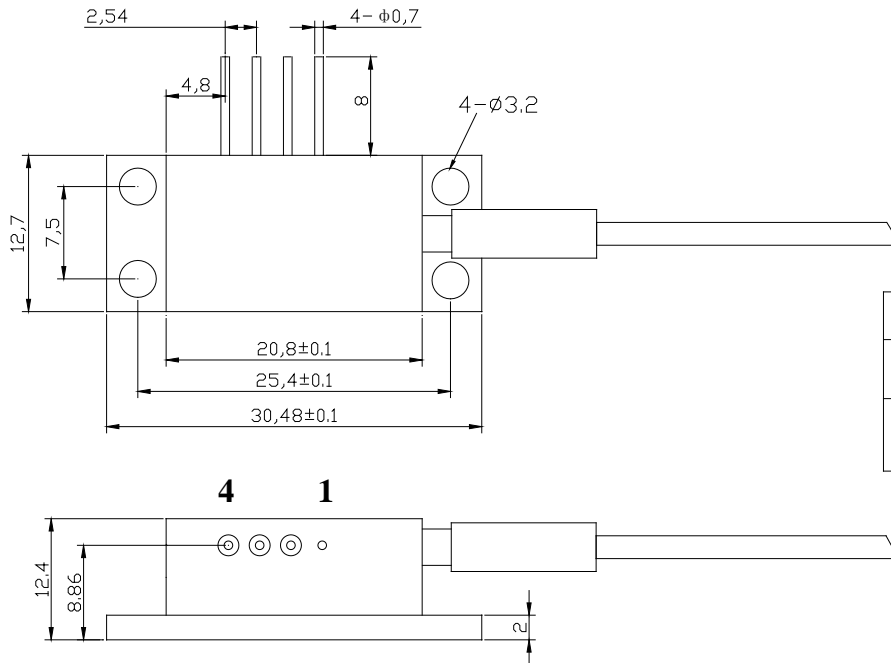
Wavespectrum Laser, Inc.

www.wavespectrum-laser.com

PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	+10 ~ +30	°C
Storage Temperature	T_{stg}	-20 ~ +80	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C
Features: <ul style="list-style-type: none"> • 980nm • High coupling efficiency • Multi mode fiber pigtail • 4-pin or 2-pin package 			
Applications: <ul style="list-style-type: none"> • Medical laser treatment • Pumping • Others 			
Specifications	WSLX-980-002-H		
Center Wavelength@25°C		980±10nm	
Spectral Width (FWHM)		<3nm	
Output Power		2W	
Temperature Coefficient of Wavelength		0.3nm / °C	
Threshold Current (Typ.)		350mA	
Operating Current (Typ.)		3.5A	
Operating Voltage		2.0V	
Recommended Case Temperature		25°C	
TEC Max. Current		----	
TEC Max. Voltage		----	
Fiber Core Diameter		105um/125um	
Fiber Numerical Aperture		0.22	
Fiber Length		100cm	
Connector Type		SMA905/ST/FC	
Package Style		4-pin or 2-pin	

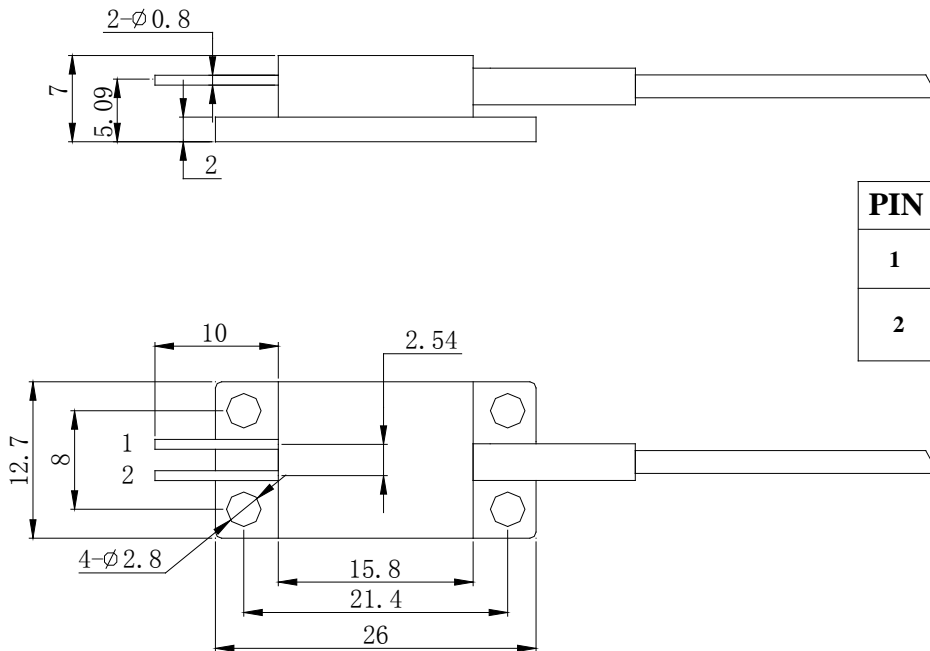


4-pin Package View



PIN	FUNCTION
1	LD (+)
2	LD (-)

2-pin Package View



PIN	FUNCTION
1	LD (+)
2	LD (-)



Wavespectrum offer **Customized** 980nm Fiber Coupled LD.

- Customized Output Power
- Customized Fiber Core
- **Dual-Wavelength** or **Tri-Wavelength** Module Optional
(such as 5w@980nm+5w@808nm)

Contact us with info@wavespectrum-laser.com

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

