

976nm 10W Fiber Coupled Laser Diode Module | 10W Output Power
970nm~980nm Laser Diode|2-pin Package| 105um 200um 400um Fiber Core| High Power LD
WSLX-980-010-H
Wavespectrum Laser Group
www.wavespectrum-laser.com

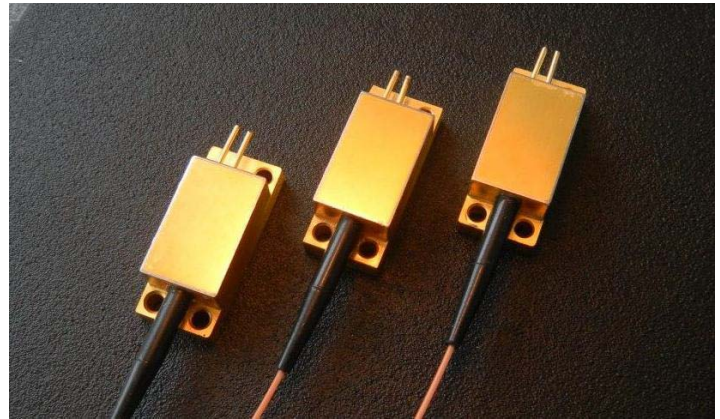
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	+10 ~ +30	°C
Storage Temperature	T_{stg}	-40 ~ +80	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C

Features:

- 980nm
- 2-pin or 4-pin package
- Long lifetime

Applications:

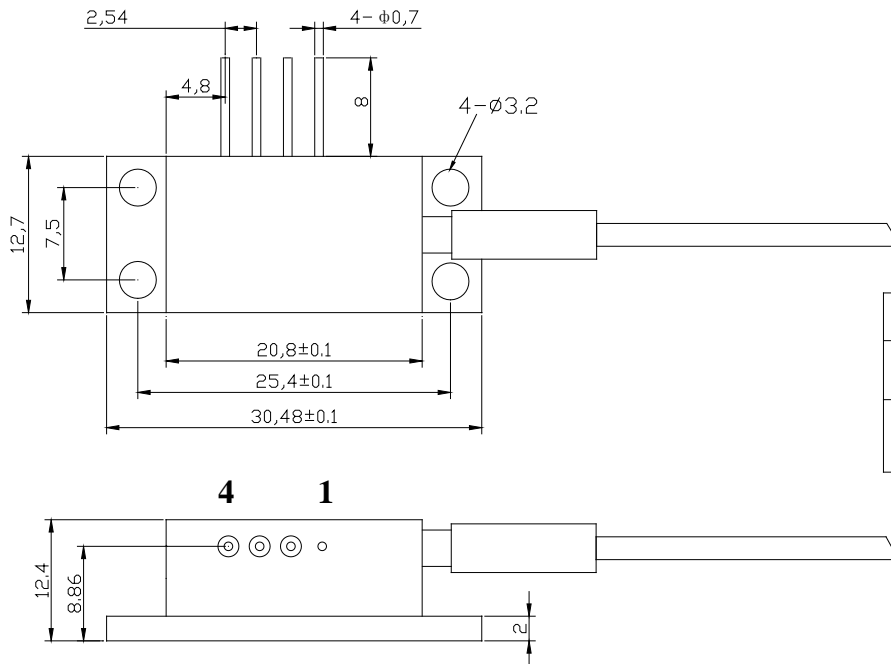
- Medical laser treatment
- Pumping
- Others


Specifications
WSLX-980-010-H

Center Wavelength@25°C	±3nm	976nm	±10nm
Spectral Width (FWHM)	1nm	----	3nm
Output Power	----	10W	----
Temperature Coefficient of Wavelength	0.3nm / °C		
Threshold Current (Typ.)	1A		
Operating Current (Typ.)	11A		
Operating Voltage	2.0V		
Slope Efficiency	1.0W/A		
Fiber Core Diameter	105um (200um 400um Optional)		
Fiber Numerical Aperture	0.22 (0.15 0.37 Optional)		
Fiber Length	100cm		
Connector Type	FC (SMA905 Optional)		
Package Style	2-pin or 4-pin		
Recommend Operating Temperature	25°C		



4-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 15w@990nm+350mw@635nm)

Contact us with info@wavespectrum-laser.com

Electrically shorten LD module and store in non-extreme conditions.

Suggest using the constant current power supply.

