

980nm 4W Fiber Coupled Diode Laser Module | TEC Cooling | PD Optional
976nm~980nm| 9-PIN HHL Package| 105um 200um 400um Fiber| High Power LD
WSLX-980-004-H-T
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}	-20 ~ +80	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C

Features:

- 980nm
- 9-PIN Package
- Built-in TEC Cooling
- PD Optional

Applications:

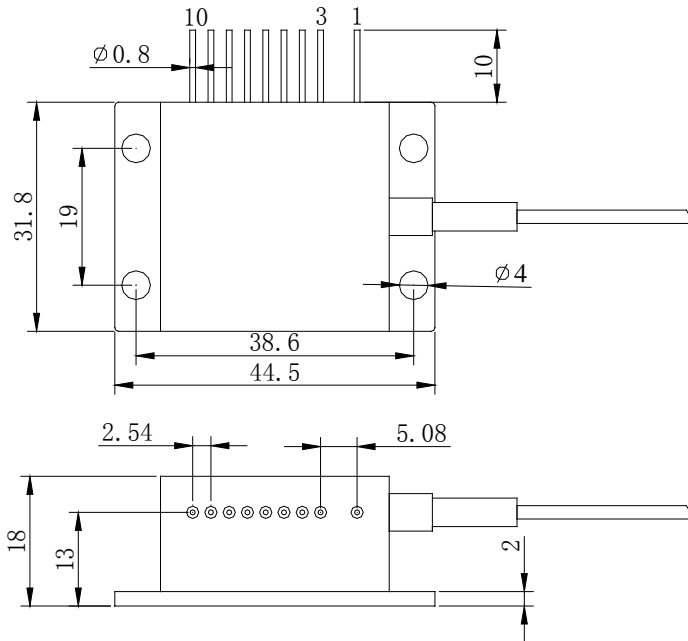
- Medical laser treatment
- Pumping
- Others


Specifications
WSLX-980-004-H-T

Center Wavelength@25°C	980±10nm
Spectral Width (FWHM)	<3nm
Output Power	4W
Temperature Coefficient of Wavelength	0.3nm / °C
Threshold Current (Typ.)	350mA
Operating Current (Typ.)	5A
Operating Voltage	2.0V
Recommended Case Temperature	25°C
TEC Max. Current	6A
TEC Max. Voltage	9.8V
Fiber Core Diameter	200um (105um, 400um Optional)
Fiber Numerical Aperture	0.22 (0.37N.A. Optional)
Fiber Length	80cm
Connector Type	SMA905/ST/FC
Package Style	9-PIN



9-PIN HHL Package View



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

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.



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