

940nm 2W Fiber Coupled Laser Diode (LD) Module

940nm|2-pin,4-pin Package| 60um 105um 200um or 400um Fiber | High Power LD

WSLX-940-002-H

Wavespectrum Laser, Inc.

www.wavespectrum-laser.com

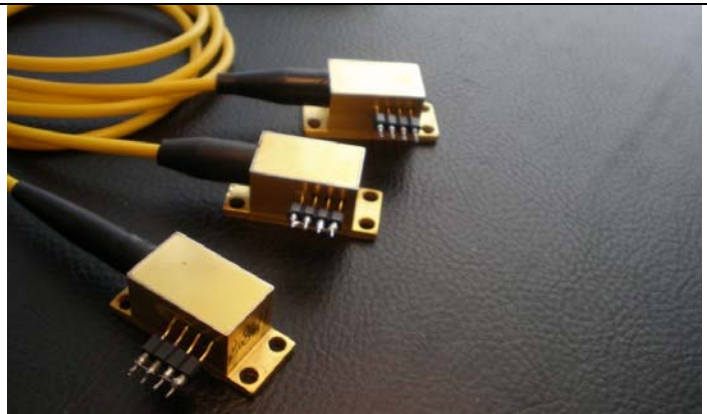
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	+10 ~ +30	°C
Storage Temperature	T_{stg}	-20 ~ +80	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C

Features:

- 940nm
- 2-pin,4-pin package
- PD Optional

Applications:

- Medical laser treatment
- Pumping
- Others



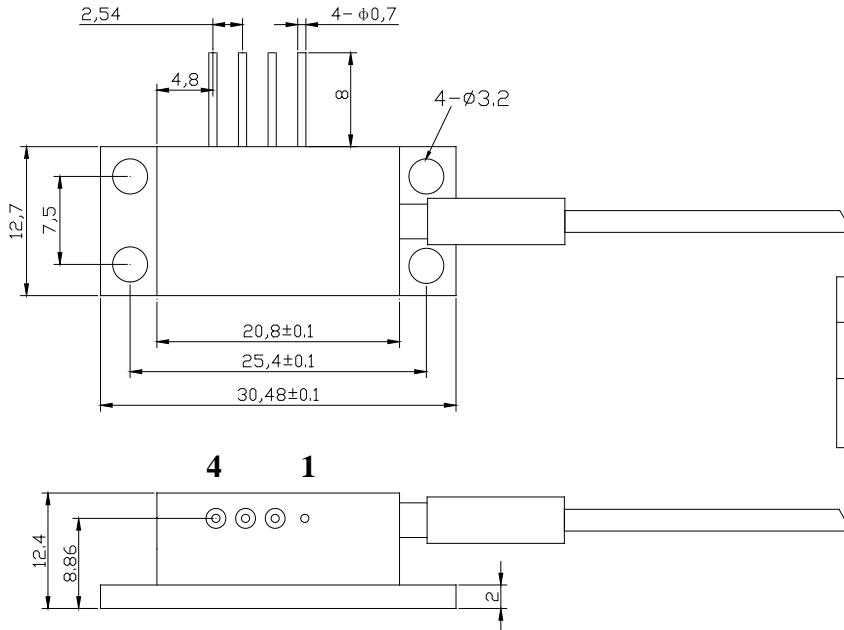
Specifications

WSLX-940-002-H

Center Wavelength@25°C	940±10nm
Spectral Width (FWHM)	<3nm
Output Power	2W
Temperature Coefficient of Wavelength	0.3nm / °C
Threshold Current (Typ.)	350mA
Operating Current (Typ.)	3A
Operating Voltage	2.0V
Recommended Case Temperature	25°C
TEC Max. Current	----
TEC Max. Voltage	----
Fiber Core Diameter	105um (60um, 200um,400um Optional)
Fiber Numerical Aperture	0.22 (0.12N.A. , 0.37N.A. Optional)
Fiber Length	80cm
Connector Type	SMA905/ST/FC
Package Style	2-pin, 4-pin



4-pin Package View



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

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

