

1450nm 300mw~400mw Fiber Coupled Diode Laser Module

1450nm|4-pin Package| 105um 200um 400um Fiber Core| High Power LD

WSLX-1450-350m-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:

- 1450nm
- High coupling efficiency
- 4-pin or 9-pin HHL package
- TEC Cooling Optional

Applications:

- Medical laser treatment
- Others



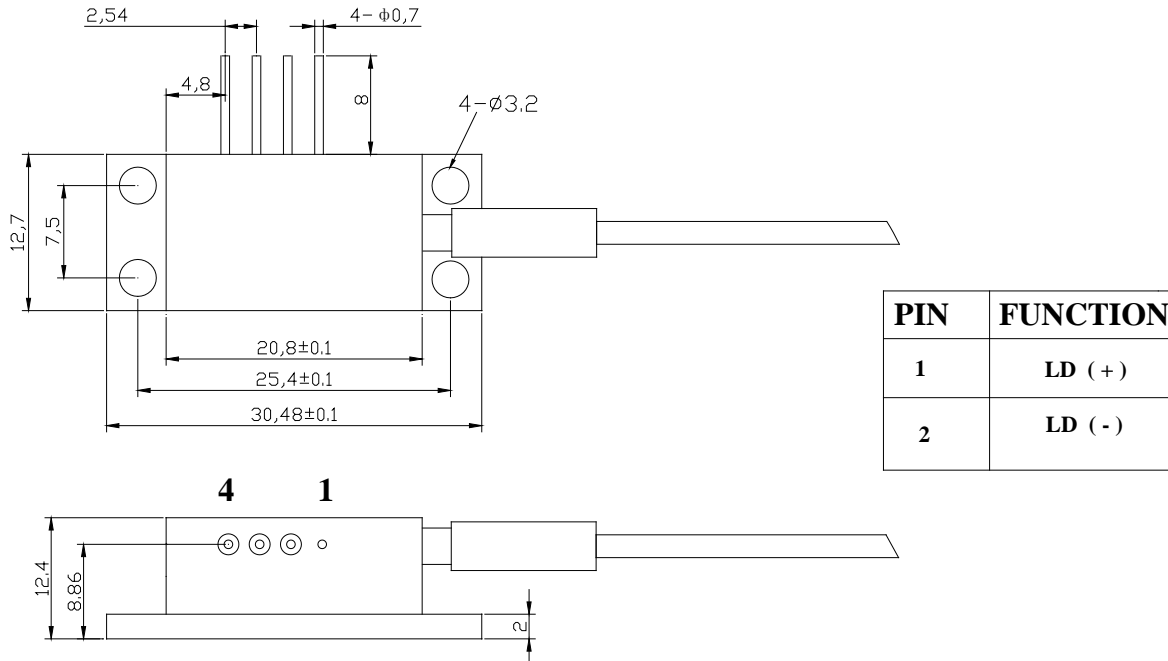
Specifications

WSLX-1450-350m-H

	Mini	Type	Max
Center Wavelength@25°C	----	1450±40nm	----
Spectral Width (FWHM)		----	3nm
Output Power	330mW	350mW	400mW
Temperature Coefficient of Wavelength	----	0.28nm / °C	----
Threshold Current (Typ.)	----	700mA	900mA
Operating Current (Typ.)	----	2.8A	3A
Operating Voltage	----	1.76V	----
Recommended Case Temperature	----	25°C	----
TEC Max. Current	----	----	----
TEC Max. Voltage	----	----	----
Fiber Core Diameter	105um (200um 400um Optional)		
Fiber Numerical Aperture	0.22 (0.37N.A. Optional)		
Fiber Length	80cm		
Connector Type	SMA905/ST/FC		
Package Style	4-pin		



4-pin Package View



Wavespectrum offer **Customized 1450nm Fiber Coupled LD.**

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional
(such as 1w@1450nm+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.

