



760nm~770nm 1W~1.5W Fiber Coupled Laser Diode Module

770nm|2-pin or 4-pin Package| 105um 200um or 400um Fiber Core| High Power Pigtail LD | PD Optional

WSLX-770-001-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} | -20 ~ +85 | °C |
| Lead soldering temperature (10 sec.) | T_{is} | 260 | °C |

Features:

- 770nm
- 2-pin or 4-pin package
- Photodiodes Optional
- TEC Cooling Optional

Applications:

- Medical laser treatment
- Others



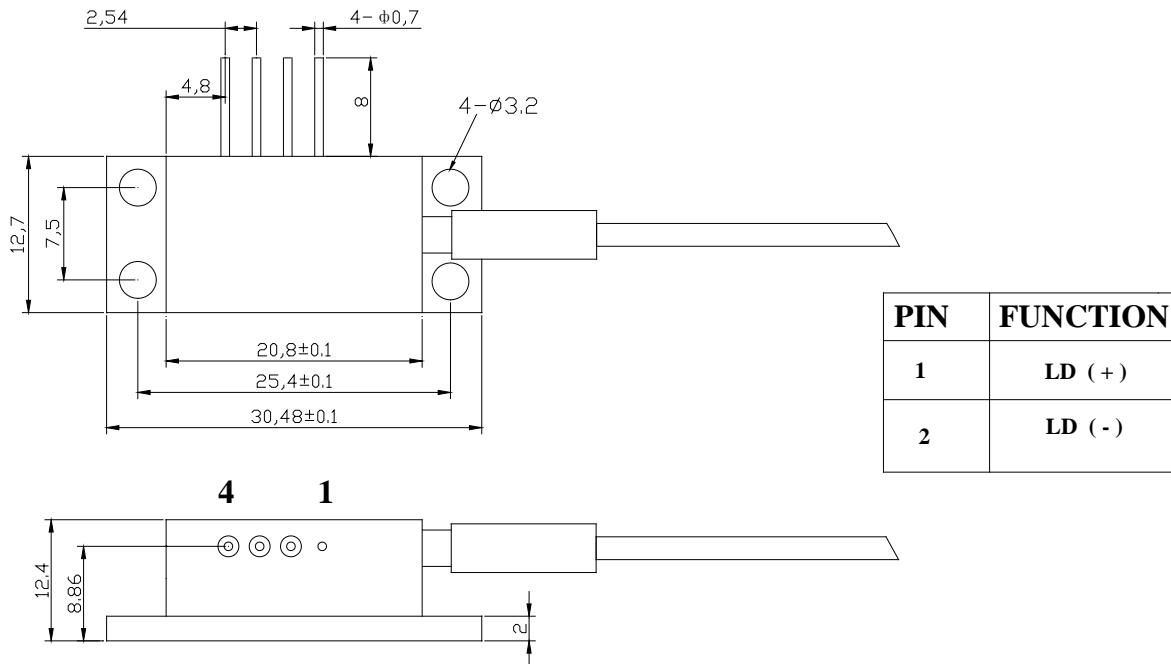
Specifications

WSLX-770-001-H

| | | | |
|---------------------------------------|---------------------------------|------|------|
| Center Wavelength@25°C | 770±10nm | | |
| Spectral Width (FWHM) | 3nm | | |
| Output Power | ---- | 1.5W | ---- |
| Temperature Coefficient of Wavelength | 0.3nm / °C | | |
| Threshold Current (Typ.) | 300mA | | |
| Operating Current (Typ.) | 2.5A | | |
| Operating Voltage | 2.3V | | |
| Recommended Case Temperature | 25°C | | |
| Photodiodes | Optional | | |
| Fiber Core | 200um (105um or 400um Optional) | | |
| Fiber Length | 80cm | | |
| Connector Type | SMA905/ST/FC | | |
| Package Style | 2-pin or 4-pin Package | | |



4-pin HHL Package View



Wavespectrum offer **Customized** 770nm Fiber Coupled LD.

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional (such as 3w@770nm+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.



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