

940nm 30W Fiber Coupled LD with HHL Package | Blue Green Red Aiming Beam

940nm|30W Output Power| 300um 400um Fiber Core| High Power Pigtailed LD|TEC Cooling

WSLB-940-030-H

Wavespectrum Laser Group

www.wavespectrum-laser.com

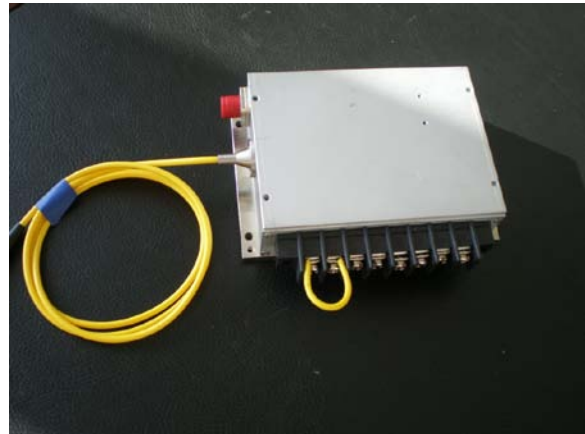
| PARAMETER | SYMBOL | VALUE | UNIT |
|--------------------------------------|-----------|-----------|------|
| Reverse Voltage | V_r | 2.0 | V |
| Operating Temperature | T_{op} | +10 ~ +30 | °C |
| Storage Temperature | T_{stg} | -20 ~ +80 | °C |
| Lead soldering temperature (10 sec.) | T_{is} | 260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

Features:

- 940nm
- **Built-in** TEC Cooling Optional
- Aiming Beam Optional
- Photodiodes Optional
- Stainless Steel Armor Optional

Applications:

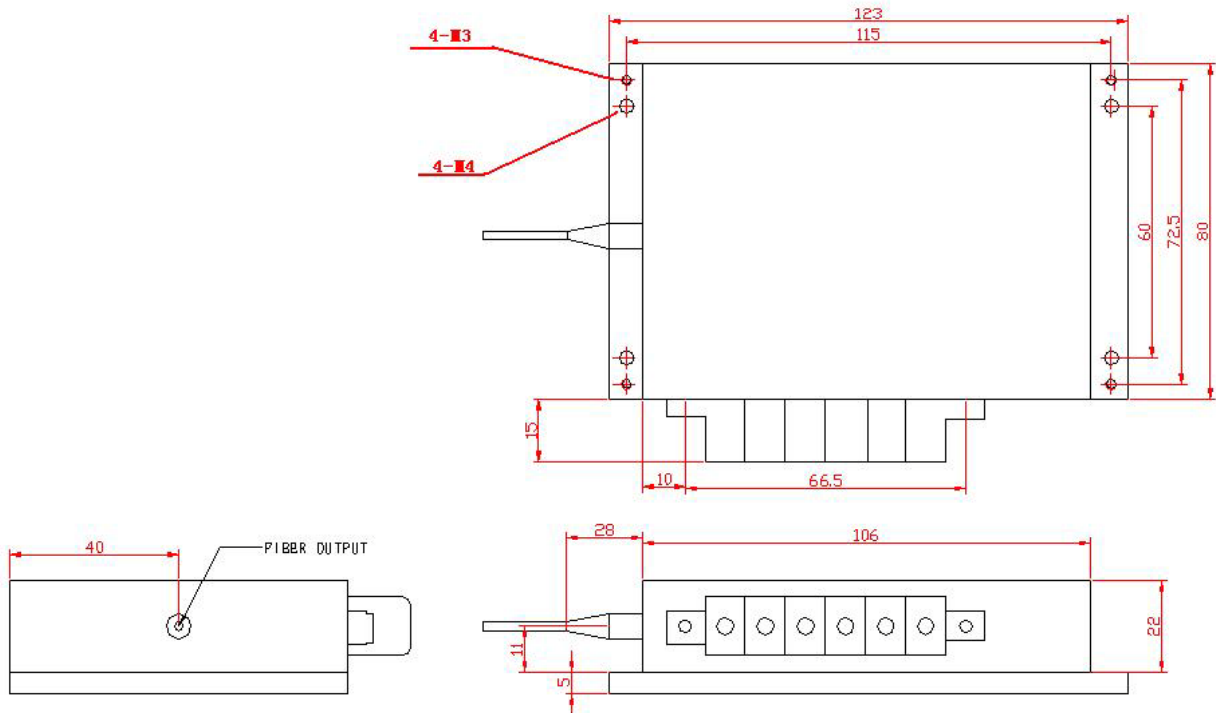
- Medical laser treatment
- Pumping
- Others



| Specifications | WSLB-940-030-H | | |
|---------------------------------------|----------------------------|------------|-------|
| | Min. | Type | Max. |
| Center Wavelength@25°C | ±3nm | 940nm | ±10nm |
| Spectral Width (FWHM) | ---- | 3nm | ---- |
| Output Power | ---- | 30W | ---- |
| Temperature Coefficient of Wavelength | ---- | 0.3nm / °C | ---- |
| Threshold Current (Typ.) | ---- | 1A | ---- |
| Operating Current (Typ.) | ---- | 11A | ---- |
| Operating Voltage | | 6V | |
| Cooling | TEC Cooling Optional | | |
| Fiber Core Diameter | <300um | | |
| Fiber Numerical Aperture | 0.22 | | |
| Fiber Length | 100cm | | |
| Connector Type | FC (SMA905 Optional) | | |
| Package | P2 Package | | |
| Aiming Beam | Red (Blue ,Green Optional) | | |



Package View



| PIN | 1 | 2 | 3 | 4 | 5 | 6 |
|-----|-------|-------|----|----|--------|--------|
| | LD(+) | LD(-) | RT | RT | TEC(-) | TEC(+) |

Wavespectrum offer **Customized 940nm Fiber Coupled LD.**

Please let me know your special request:

- Customized Output Power
- Customized Fiber
- Customized Fiber Connector

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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