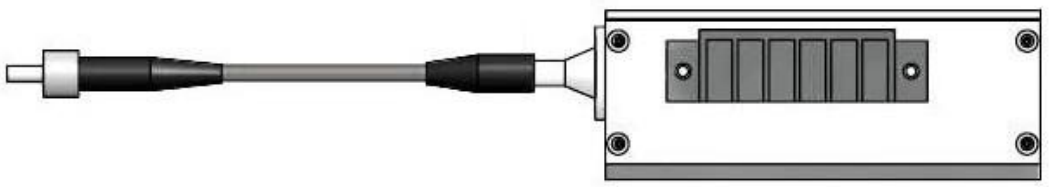
**635nm 3W High Power HHL Package Fiber Coupled LD( Laser Diode)**

**630nm~635nm|HHL Package| 600um Fiber Core| High Power Red LD|TEC Cooling**

**WSLB-635-003-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 | ℃ |
| Storage Temperature | $T_{stg}$ | -20 ~ +80 | ℃ |
| Lead soldering temperature (10 sec.) | $T_{ls}$ | 260 | ℃ |



**Applications:**

- Medical laser treatment
- Others

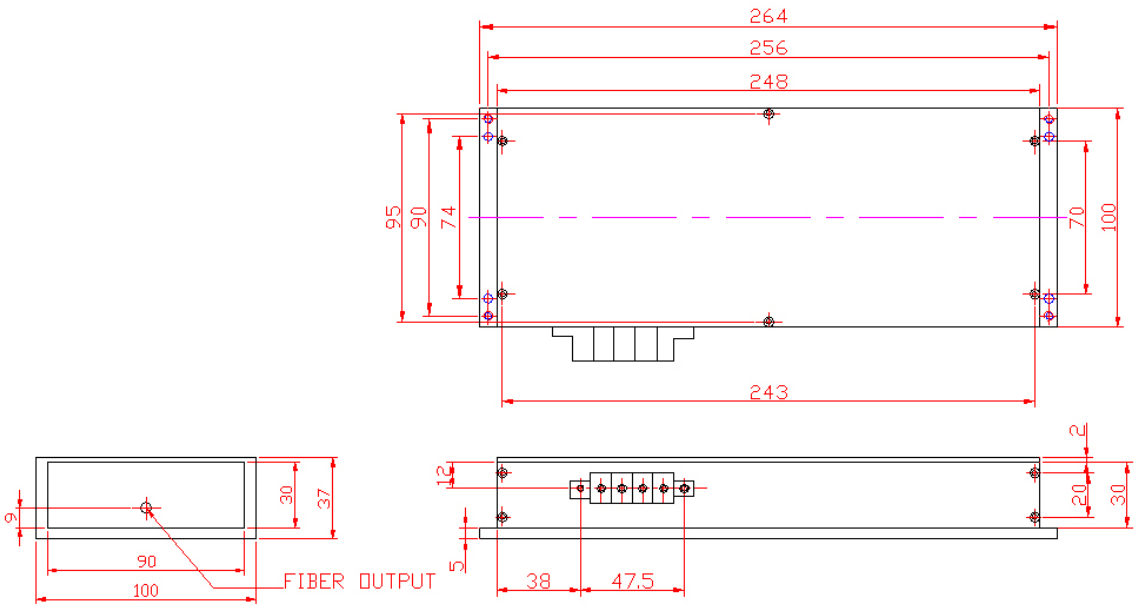
**Features:**

- 635nm
- **Built-in** TEC Cooling
- Photodiodes Optional
- Receptacle Fiber Connector Optional
- Stainless Steel Armor Fiber Optional

| Specifications | WSLB-635-003-H | | |
|---|---|---|---|
| | Min. | Type | Max. |
| Center Wavelength@25℃ | ---- | 635±10nm | ---- |
| Spectral Width (FWHM) | ---- | 3nm | ---- |
| Output Power | ---- | 3W | ---- |
| Temperature Coefficient of Wavelength | ---- | 0.3nm / °C | ---- |
| Threshold Current (Typ.) | ---- | 750mA | ---- |
| Operating Current (Typ.) | ---- | 1100mA | ---- |
| Operating Voltage | | 19.8V | |
| Cooling | TEC Cooling | | |
| Fiber Core Diameter | 400um or 600um | | |
| Fiber Numerical Aperture | 0.22 | | |
| Fiber Length | 100cm | | |
| Connector Type | SMA905/ST/FC | | |
| Package | P2 Package | | |

Wavespectrum Laser,Inc.
www.wavespectrum-laser.com
wavespectrumlaser@gmail.com

**Package View**



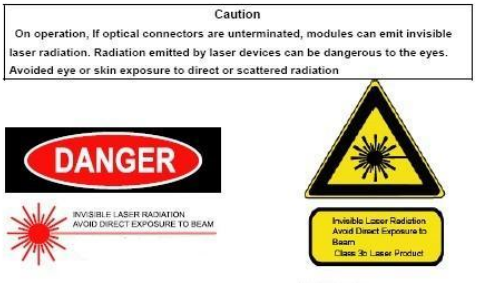

| PIN | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|---|
| | **LD(+)** | **LD(-)** | **RT** | **RT** | **TEC(-)** | **TEC(+)** |

**Wavespectrum offer Customized 635nm 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.**




JAPAN DEVICE
日本デバイス株式会社 E-mail sales@j-device.com
www.j-device.com Tel 03-6262-3424 Fax 03-6800-5883