

488nm~490nm 10mW Single Mode Pigtailed Diode Laser With TEC Cooler | Built-in Photodiode Optional
 488nm 10mW~15mW | 8-Pin HHL Package| 3um Single mode Fiber| Diode Laser | Built-in TEC Cooling
 WSLX-488-010m-4-H8-T Wavespectrum Laser Group en.wavespectrum-laser.com.cn

| 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:

488nm
 8-Pin Package
 Built-in TEC Cooling
 Built-in PD Optional

Applications:

Medical Laser Treatment
 Others

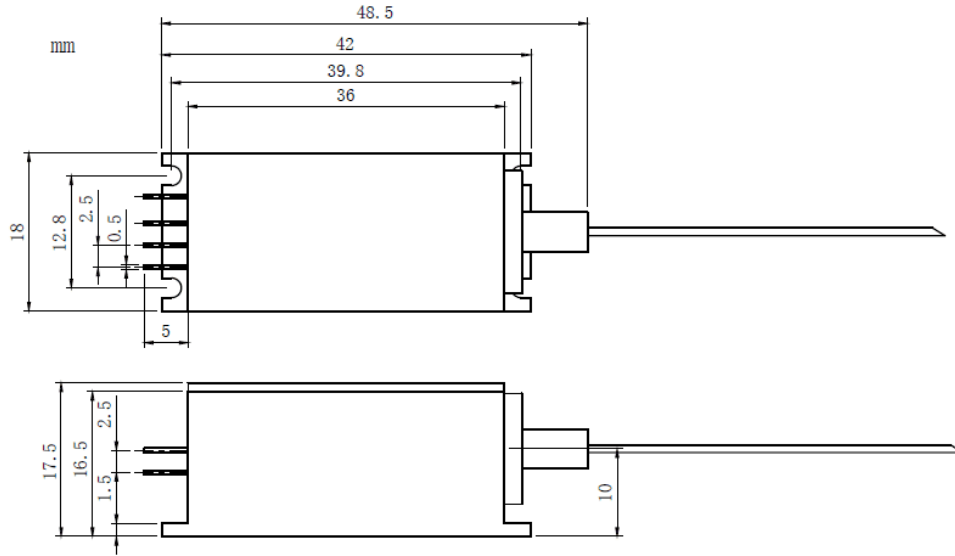

Specifications
WSLX-488-010m-4-H8-T

| | Min. | Type | Max. |
|-----------------------------------|-------------------|-------|-------|
| Center Wavelength@25°C | 488nm±10nm | | |
| Spectral Width (FWHM) | ---- | 2nm | ---- |
| Output Power | ---- | 10mW | ---- |
| Recommended Operating Temperature | 25 °C | | |
| Threshold Current (Typ.) | ---- | 25mA | 60mA |
| Operating Current (Typ.) | ---- | 110mA | 130mA |
| Operating Voltage | ---- | 6.5V | 7.5V |
| Monitor Current | ---- | ---- | ---- |
| TEC Max Current | 1.3A | | |
| TEC Max Voltage | 4.0V | | |
| Thermistor | 10K | | |
| Fiber Type | Single Mode Fiber | | |
| Fiber Core | 3um | | |
| Fiber Length | >80cm | | |
| Connector Type | FC/SC/SMA905 | | |
| Package Style | 8-PIN | | |

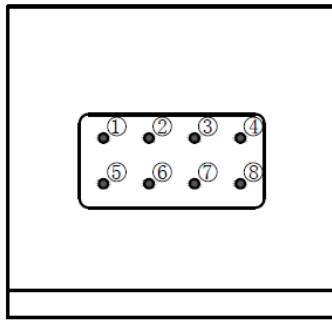
Wavespectrum Laser Group
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8-Pin Package View:



Pin Out:



| PIN | FUNCTION | PIN | FUNCTION |
|-----|----------|-----|----------|
| 1 | RT | 5 | NC |
| 2 | LD(-) | 6 | NC |
| 3 | LD(+) | 7 | TEC(-) |
| 4 | RT | 8 | TEC(+) |

Wavespectrum offer **Customized 488nm Fiber Coupled LD.**

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional
(such as 20mW@488nm+10W@980nm)

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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