

650nm~655nm 5W~6W Fiber Coupled Laser Diode Module
655nm 5W| 200um Fiber Core| High Power LD | Built-in Thermistor | Red Diode Laser Module
WSLX-655-005-200M-J14
Wavespectrum Laser Group
en.wavespectrum-laser.com.cn

| PARAMETER | SYMBOL | VALUE | UNIT |
|--------------------------------------|-----------|-----------|------|
| Reverse Voltage | V_r | 2.0 | V |
| Operating Temperature | T_{op} | 0~ +40 | °C |
| Storage Temperature | T_{stg} | -20 ~ +80 | °C |
| Lead soldering temperature (10 sec.) | T_{is} | 260 | °C |

Features:

- 655nm
- 5W Output Power
- 200um Fiber Core
- Built-in Thermistor
- Built-in PD Optional

Applications:

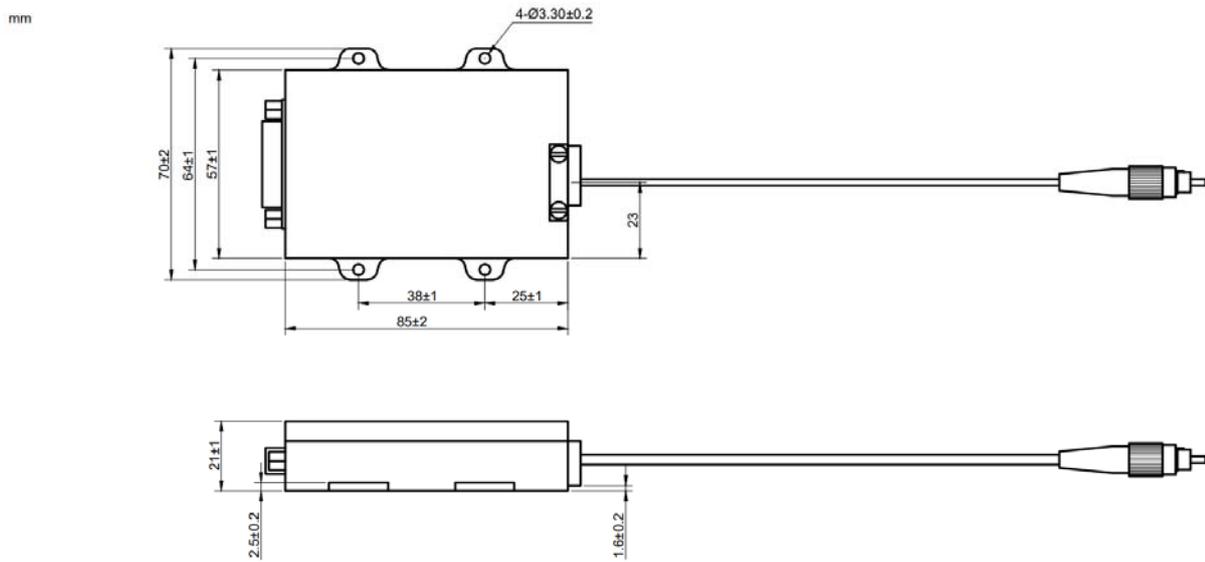
- Medical Laser Treatment
- Others


Specifications
WSLX-655-005-200M-J14

| | Min. | Type | Max. |
|---------------------------------------|--------------|------------|------|
| Center Wavelength@25°C | 655nm±10nm | | |
| Spectral Width (FWHM) | ---- | 6nm | ---- |
| Output Power | ---- | 5W | ---- |
| Temperature Coefficient of Wavelength | ---- | 0.2nm / °C | ---- |
| Threshold Current (Typ.) | ---- | 0.5A | ---- |
| Operating Current (Typ.) | ---- | 1.8A | ---- |
| Operating Voltage | ---- | 15V | ---- |
| Recommended Case Temperature | 25°C | | |
| Thermistor | 10K | | |
| Fiber Core Diameter | 200um | | |
| Fiber Numerical Aperture | 0.22 | | |
| Fiber Length | >80cm | | |
| Connector Type | SMA905/ST/FC | | |
| Package Style | J14 Package | | |
| Photodiode | Optional | | |
| Aiming Beam | Optional | | |



J14 Package View:



Electrically shorten LD module and store in non-extreme conditions.
Suggest using the constant current power supply.

