

680nm~685nm 4W~5W Fiber Coupled Laser Diode Module

685nm 4W| 200um Fiber Core| High Power LD | Built-in Thermistor | Red Diode Laser Module

WSLX-685-004-200M-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:

- 685nm
- 4W Output Power
- 200um Fiber Core
- Built-in Thermistor
- Built-in PD Optional

Applications:

- Medical Laser Treatment
- Others



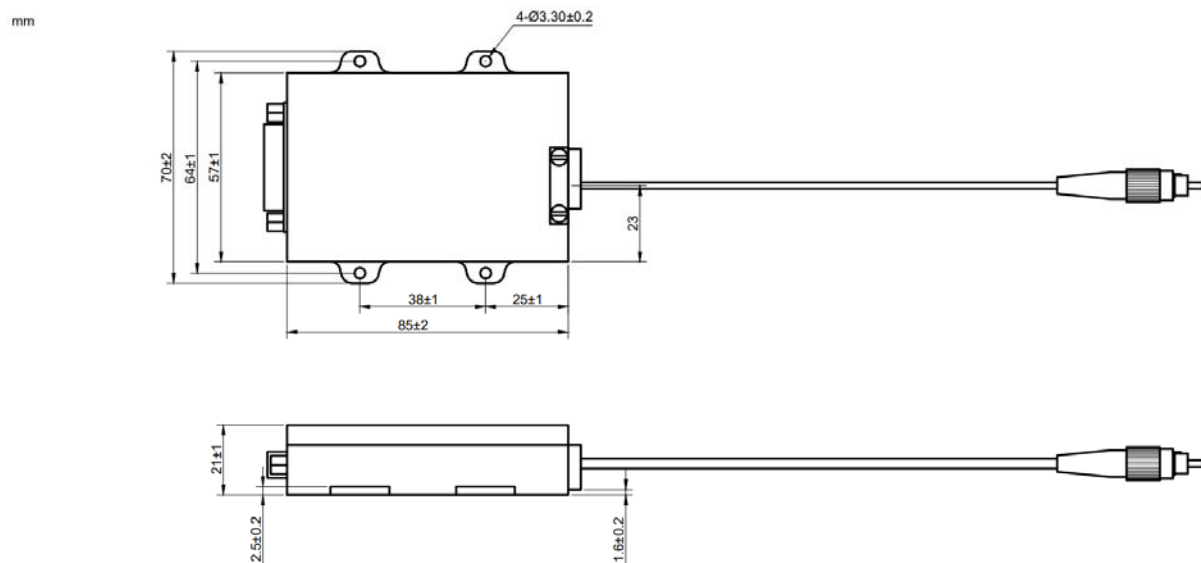
Specifications

WSLX-685-004-200M-J14

	Min.	Type	Max.
Center Wavelength@25°C	685nm±10nm		
Spectral Width (FWHM)	----	6nm	----
Output Power	----	4W	----
Temperature Coefficient of Wavelength	----	0.2nm / °C	----
Threshold Current (Typ.)	----	0.4A	----
Operating Current (Typ.)	----	1.1A	----
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.

