

635nm~640nm 5W~6W Fiber Coupled Laser Diode Module

638nm 5W| 105um, 200um Fiber Core| High Power LD | Built-in Thermistor

WSLX-635-005-M-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:

- 638nm
- 5W Output Power
- 105um Fiber Core
- Built-in Thermistor
- Built-in PD Optional

Applications:

- Medical Laser Treatment
- Others



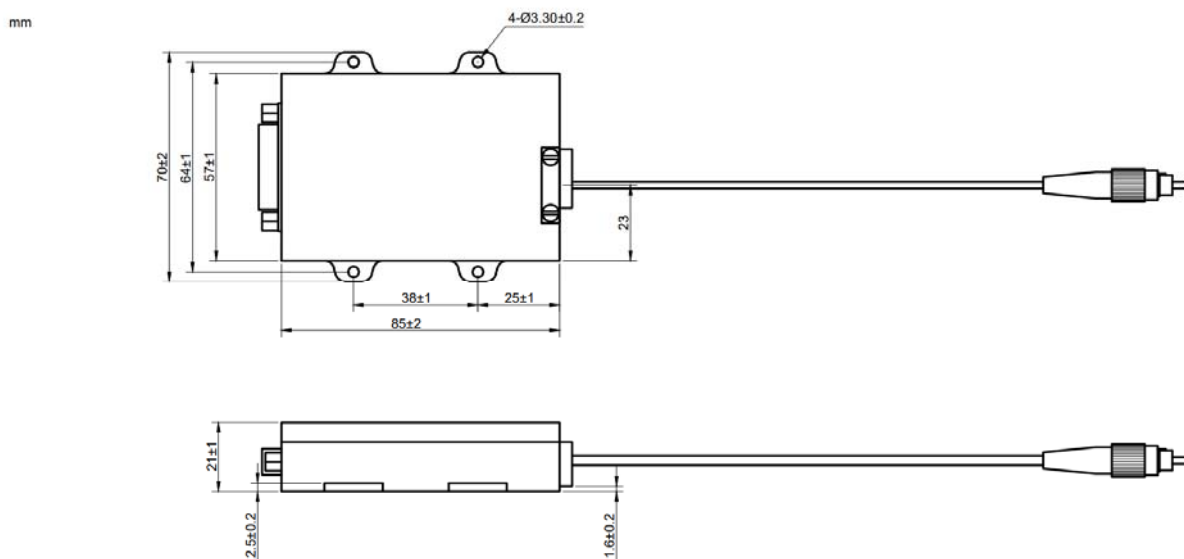
Specifications

WSLX-635-005-M-J14

	Min.	Type	Max.
Center Wavelength@25°C	638nm±10nm		
Spectral Width (FWHM)	----	8nm	----
Output Power	----	5W	----
Temperature Coefficient of Wavelength	----	0.2nm / °C	----
Threshold Current (Typ.)	----	0.3A	----
Operating Current (Typ.)	----	1.5A	----
Operating Voltage	----	15V	----
Recommended Case Temperature	25°C		
Thermistor	10K		
Fiber Core Diameter	105um (200um Optional)		
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.

