

635nm 800mW High Power Fiber Coupled Laser Diode Module With 50um multi-mode Fiber
635nm~638nm 0.8W Pigtailed Diode Laser Module | High Power Red LD Module | Built-in TEC cooler Optional
WSLP-635-800m-50M
Wavespectrum Laser Group
en.wavespectrum-laser.com.cn

PARAMETER	SYMBOL	VALUE	UNIT
MAX Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	0 ~ +40	°C
Storage Temperature	T_{stg}	-40 ~ +85	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C

Features:

- 638nm
- 800mW Output Power
- 50um Multi-mode Fiber
- Compact Size
- Built-in PD Optional

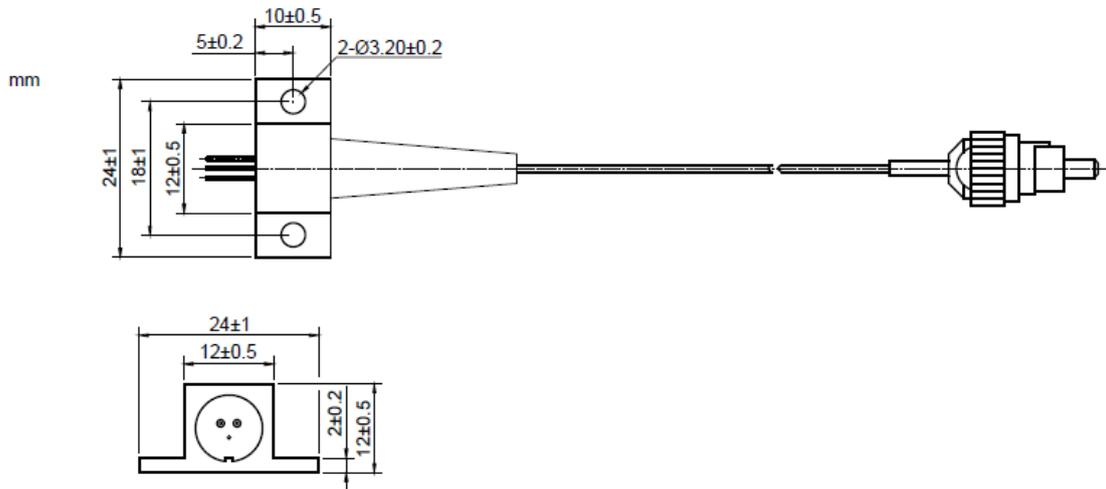
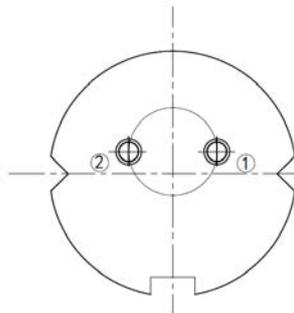
Applications:

- Medical Laser Treatment
- Laser Show
- Others


Specifications
WSLP-635-800m-50M

	Min	Type	Max
Center Wavelength@25°C	638nm ± 10nm		
Spectral Width (FWHM)	----	2.0nm	----
Temperature Coefficient of Wavelength	----	0.2nm / °C	----
Output Power	0.7W	0.8W	----
Recommended Case Temperature	25°C		
Threshold Current (Typ.)	----	0.3A	----
Operating Current (Typ.)	----	1.5A	----
Operating Voltage	----	2.4V	----
Fiber Core Diameter	50um		
Fiber Numerical Aperture	0.22		
Fiber Length	>80cm		
Connector Type	FC(SMA905 Optional)		
Package Style	B13 Package		



B13 Package View:

PIN Bottom View:


1	LD(+)
2	LD(-)

Electrically shorten LD module and store in non-extreme conditions.

Suggest using the constant current power supply.

