

635nm 1W High Power Fiber Coupled Laser Diode Module With 105um multi-mode Fiber

635nm~638nm Pigtailed Diode Laser Module | High Power Red LD Module

WSLP-635-001-M

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:

- 635nm
- 1W Output Power
- Compact Size
- Fiber Receptacle Optional

Applications:

- Medical Laser Treatment
- Laser Show
- Others



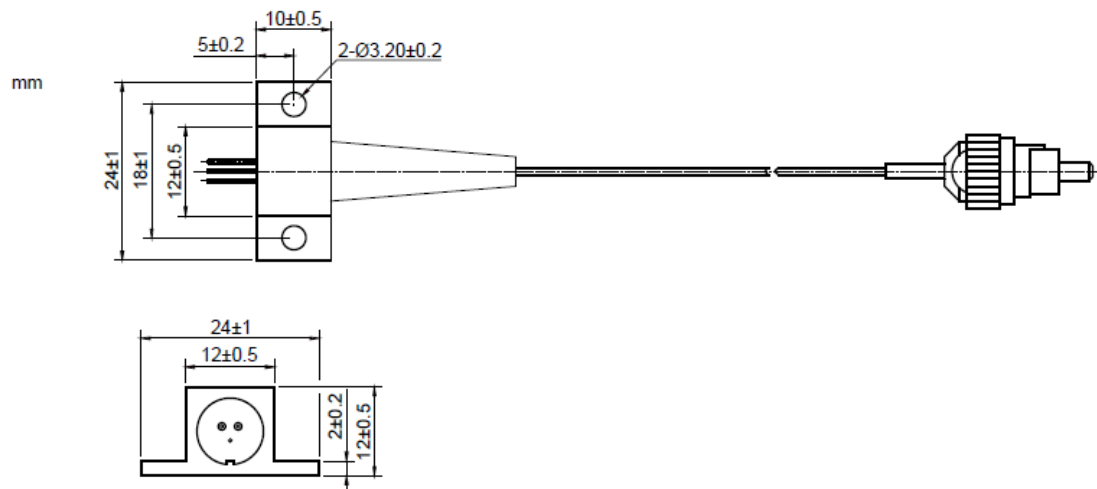
Specifications

WSLP-635-001-M

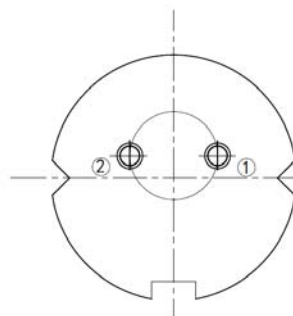
	Min	Type	Max
Center Wavelength@25°C	638nm ± 10nm		
Spectral Width (FWHM)	----	2.0nm	----
Temperature Coefficient of Wavelength	----	0.2nm / °C	----
Output Power	0.9W	1W	----
Recommended Case Temperature	25°C		
Threshold Current (Typ.)	----	0.3A	----
Operating Current (Typ.)	----	1.5A	----
Operating Voltage	----	2.4V	----
Fiber Core Diameter	105um		
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.

