

1900nm~1910nm 1W Fiber Coupled Diode Laser Module | PD Optional | Aiming Beam Optional

1900nm 1W |2-PIN Package| 105um 200um 400um Fiber Core| High Power LD

WSLX-1900-001-M-H2

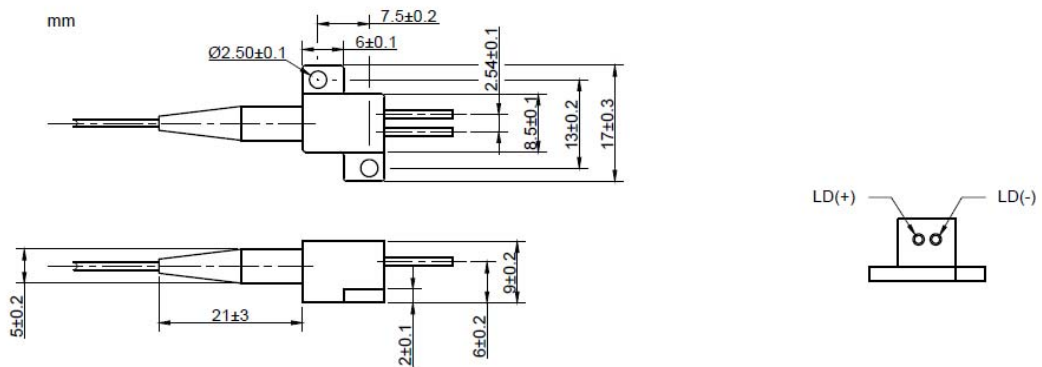
Wavespectrum Laser Group

en.wavespectrum-laser.com.cn

PARAMETER	SYMBOL	VALUE		UNIT
Reverse Voltage	V _r	2.0		V
Operating Temperature	T _{op}	+10 ~ +30		°C
Storage Temperature	T _{stg}	-20 ~ +80		°C
Lead soldering temperature (10 sec.)	T _{is}	260		°C
Features: 🔦 1900nm 🔦 2-Pin Package 🔦 PD Optional 🔦 TEC Cooling Optional				
Applications: 🔦 Medical Laser Treatment 🔦 Others				
Specifications		WSLX-1900-001-M-H2		
		Mini	Type	Max
Center Wavelength@25℃		1900nm±50nm		
Spectral Width (FWHM)		----	10nm	----
Output Power		----	1W	----
Temperature Coefficient of Wavelength		----	0.7nm / °C	----
Threshold Current (Typ.)		----	1.5A	----
Operating Current (Typ.)		----	13.0A	----
Operating Voltage		----	1.5V	----
Recommended Case Temperature		25℃		
Fiber Core Diameter		105um		
Fiber Numerical Aperture		0.22		
Fiber Length		>80cm		
Connector Type		SMA905 / ST / FC		
Package Style		2-Pin-02		



2-Pin-02 Package View



Wavespectrum offer **Customized 1900nm Fiber Coupled LD.**

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional (such as 1W@660nm + 3W@1900nm)

Contact us with info@wavespectrum-laser.com

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

Suggest using the constant current power supply.



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