1490nm 3W Fiber Coupled Diode Laser Module | Built-in PD Optional | TEC Cooler Optional
1490nm 2.5W～3W| 2-PIN Package| 105um 200um 400um Fiber Core| High Power LD
WSLX-1490-003-M-H2 Wavespectrum Laser Group www.wavespectrum-laser.com

PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	+10~+30	℃
Storage Temperature	T_{stg}	-20~ +80	℃
Lead soldering temperature (10 sec.)	T_{ls}	260	℃

Features:

- 1490nm
- 2-Pin Package
- Built-in PD Optional
- Built-in TEC Cooling Optional

Applications:

- Medical Laser Treatment
- Others

Specifications	WSLX-1490-003-M-H2		
	Min	Type	Max
Center Wavelength@25℃	1490nm±40nm		
Spectral Width (FWHM)	----	10.0nm	----
Output Power	2.5W	3W	----
Temperature Coefficient of Wavelength	----	0.7nm / °C	----
Threshold Current (Typ.)	----	0.5A	----
Operating Current (Typ.)	----	10.0A	----
Operating Voltage	----	2.0V	----
Recommended Case Temperature	25°C		
Fiber Core Diameter	105um (200um, 400um Optional)		
Fiber Numerical Aperture	0.22 (0.37N.A. Optional)		
Fiber Length	>80cm		
Connector Type	SMA905/ST/FC		
Package Style	2-Pin		

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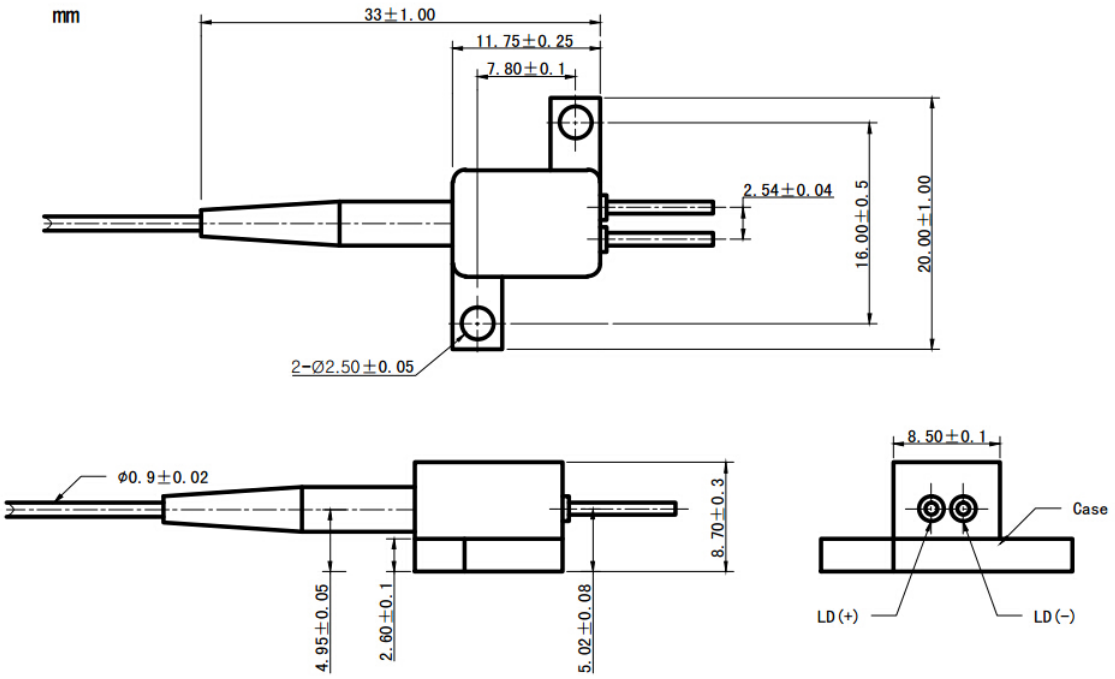
2-Pin Package View



Wavespectrum offer Customized 1490nm Fiber Coupled LD.

- **Customized Output Power**
- **Customized Fiber Core**
- **Dual-Wavelength or Tri-Wavelength Module Optional**
  (such as 2W@1490nm+700mW@650nm)

More information please contact us:

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

Suggest using the constant current power supply.

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