

792nm~793nm 2W~2.5W Fiber Coupled Diode Laser Module | Photodiodes Optional
792nm|9-pin HHL Package| 105um 200um 400um Fiber Core| High Power LD| TEC Cooling
WSLX-792-002-H-T Wavespectrum Laser, Inc. www.wavespectrum-laser.com

PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	+15 ~ +35	°C
Storage Temperature	T_{stg}	-40 ~ +60	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C

Features:

- 792nm
- 9-pin HHL Package
- Built-in TEC Cooling
- PD Optional

Applications:

- Medical laser treatment
- Pumping
- Others



Specifications

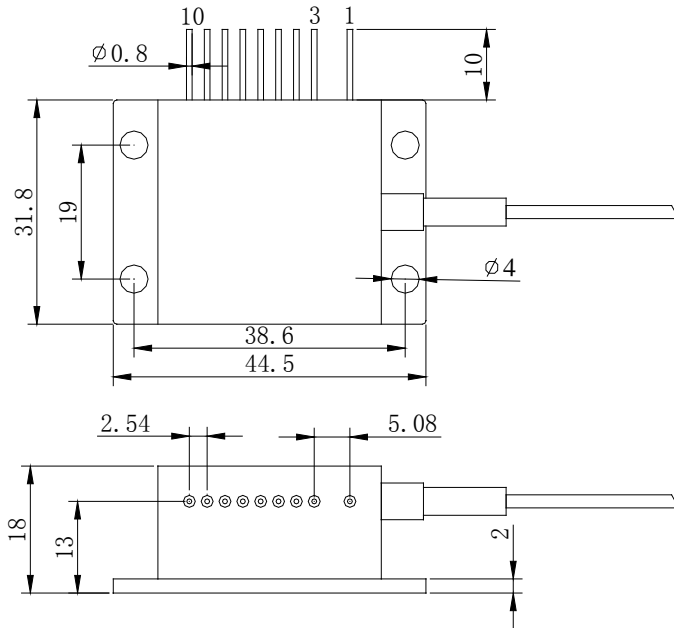
WSLX-792-002-H-T

	Min	Type	Max
Center Wavelength@25°C	----	792±5nm	----
Spectral Width (FWHM)	----	----	2nm
Output Power	2W	2.2W	----
Temperature Coefficient of Wavelength	0.28nm / °C		
Threshold Current (Typ.)	700mA		
Operating Current (Typ.)	3.4A		
Operating Voltage	2V		
Recommended Case Temperature	25°C		
TEC Max. Current	4A		
TEC Max. Voltage	9.8V		
Fiber Core Diameter	20um (105um 400um Optional)		
Fiber Numerical Aperture	0.22		
Fiber Length	100cm		
Connector Type	SMA905/ST/FC		
Package Style	9-PIN HHL		

Wavespectrum Laser, Inc.
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9-pin HHL Package View



PIN	FUNCTION	PIN	FUNCTION
1	TEC (-)	6	THERM
2	-	7	LD (-)
3	CASE	8	PD (P)
4	LD (+)	9	PD (N)
5	THERM	10	TEC (+)

Wavespectrum offer **Customized 792nm Fiber Coupled LD.**

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional (such as 6w@792nm+350mw@635nm)

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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