

808nm~810nm 7W Fiber Coupled Laser Diode with 9-PIN HHL Package| Built-in PD
808nm 7W|9-Pin HHL Package |TEC Cooling | 200um or 400um Fiber Core| High Power LD
WSLX-808-007-H-T-PD
Wavespectrum Laser Group
www.wavespectrum-laser.com

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:

- 808nm
- 9-pin HHL Package
- Built-in TEC Cooling
- Built-in PD

Applications:

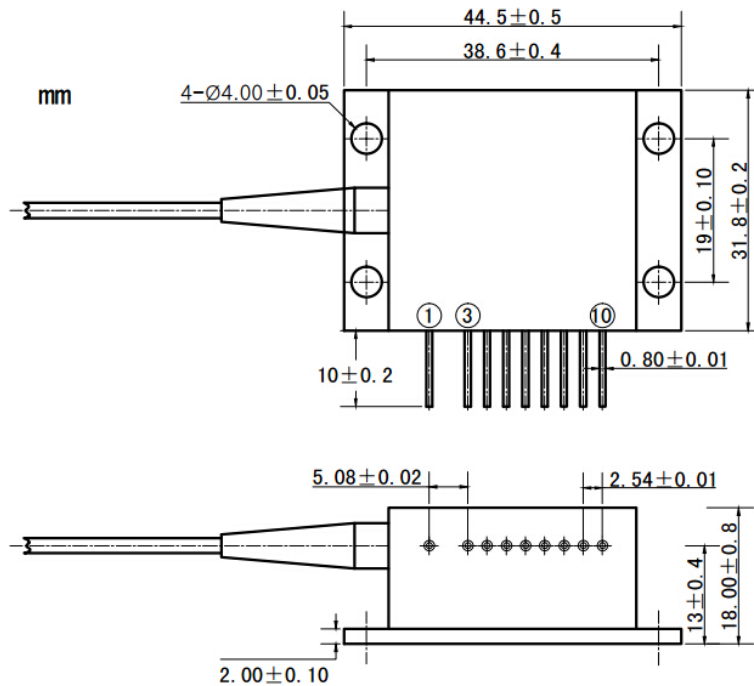
- Medical Laser Treatment
- Pumping
- Others


Specifications
WSLX-808-007-H-T-PD

	Min	Type	Max
Center Wavelength@25°C	±3nm	808nm	±10nm
Spectral Width (FWHM)		3nm	
Output Power	----	7W	---
Temperature Coefficient of Wavelength		0.3nm / °C	
Threshold Current (Typ.)		1.5A	
Operating Current (Typ.)		11A	
Operating Voltage		2.0V	
Recommended Case Temperature		25°C	
TEC Max. Current		6A	
TEC Max. Voltage		9.8V	
Fiber Core Diameter		200um (400um Optional)	
N.A.		0.22 (0.37 N.A. Optional)	
Package		9-PIN HHL	
Fiber Length		80cm	
Connector Type		FC (SMA905 Optional)	



9-PIN HHL Package View



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

Wavespectrum offer **Customized 808nm Fiber Coupled LD.**

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional
(such as 10w@808nm+350w@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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sales@wavespectrum-laser.com

