

785nm 7W Fiber Coupled Laser Diode with 9-PIN HHL Package | Built-in Photodiode (PD)

780nm~785nm | 9-Pin HHL Package | TEC Cooling | 105um or 200um Fiber Core | High Power LD

WSLX-785-007-M-H9-T-PD

Wavespectrum Laser Group

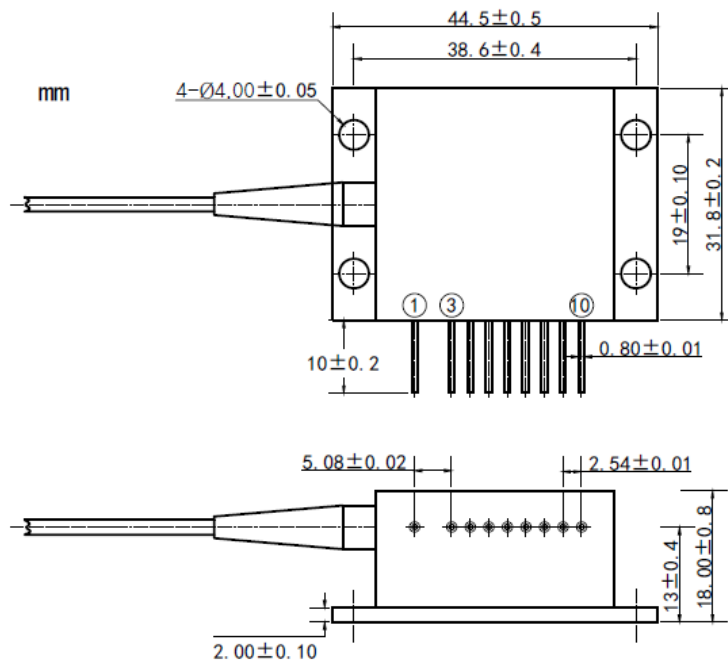
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PARAMETER	SYMBOL	VALUE		UNIT
Reverse Voltage	V_r	2.0		V
Operating Temperature	T_{op}	+10 ~ +30		°C
Storage Temperature	T_{stg}	-20 ~ +80		°C
Lead soldering temperature (10 sec.)	T_{is}	260		°C
Features: 785nm 9-Pin HHL Package - Built-in TEC Cooler - Built-in PD Applications: - Medical Laser Treatment - Others				
Specifications		WSLX-785-007-M-H9-T-PD		
	Min	Type	Max	
Center Wavelength@25°C	785nm ± 10nm			
Spectral Width (FWHM)		2nm		
Output Power	----	7W	----	
Temperature Coefficient of Wavelength		0.3nm / °C		
Threshold Current (Typ.)	----	1.5A	----	
Operating Current (Typ.)	----	9.0A	----	
Operating Voltage	----	2.0V	----	
Recommended Case Temperature	25°C			
TEC Max. Current	6A			
TEC Max. Voltage	9.8V			
Fiber Core Diameter	105um (200um Optional)			
N.A.	0.22			
Package	9-PIN HHL			
Fiber Length	>80cm			
Connector Type	FC (SMA905 Optional)			

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9-PIN HHL Package View



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

Wavespectrum offer Customized 785nm Fiber Coupled LD.

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional
(such as 10W@785nm + 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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