

435nm~440nm 3W HHL Package Fiber Coupled Diode Laser With MM Fiber | Blue Laser Diode
 435nm 3W | 9-Pin HHL Package | 105um, 200um Fiber Optional |TEC Cooling | Built-in PD
 WSLX-435-003-M-H9-T-PD Wavespectrum Laser Group www.wavespectrum-laser.com

PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V _r	2.0	V
Operating Temperature	T _{op}	0 ~ +30	°C
Storage Temperature	T _{stg}	-40 ~ +85	°C
Lead soldering temperature (10 sec.)	T _{is}	260	°C

Features:

- 435nm
- 3W Output Power
- Built-in TEC Cooling
- Built-in PD
- High Stability

Applications:

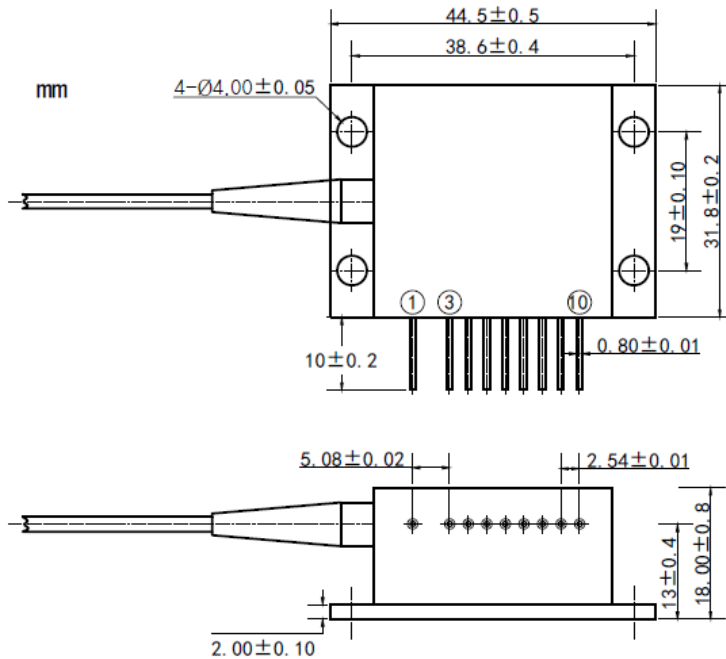
- Medical Laser Treatment
- Others



Specifications	WSLX-435-003-M-H9-T-PD		
	Min.	Type	Max.
Center Wavelength@25°C	435nm±10nm		
Spectral Width (FWHM)	----	3nm	----
Output Power	----	3W	----
Recommend Operating Temperature	25 °C		
Threshold Current (Typ.)	----	0.3A	0.6A
Operating Current (Typ.)	----	3.0A	3.2A
Operating Voltage		4.5V	5.5V
TEC Max Current	6A		
TEC Max Voltage	9.8V		
Fiber Type	Multi-mode Fiber		
Fiber Core	105um (200um optional)		
Fiber Length	>80cm		
Connector Type	SMA905/FC		
Photodiode	Built-in		



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** 435nm Fiber Coupled LD.

- Customized Output Power
- Customized Fiber Core
- **Dual-Wavelength** or **Tri-Wavelength** Module Optional
 (such as 3W@435nm+ 10W@980nm)

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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