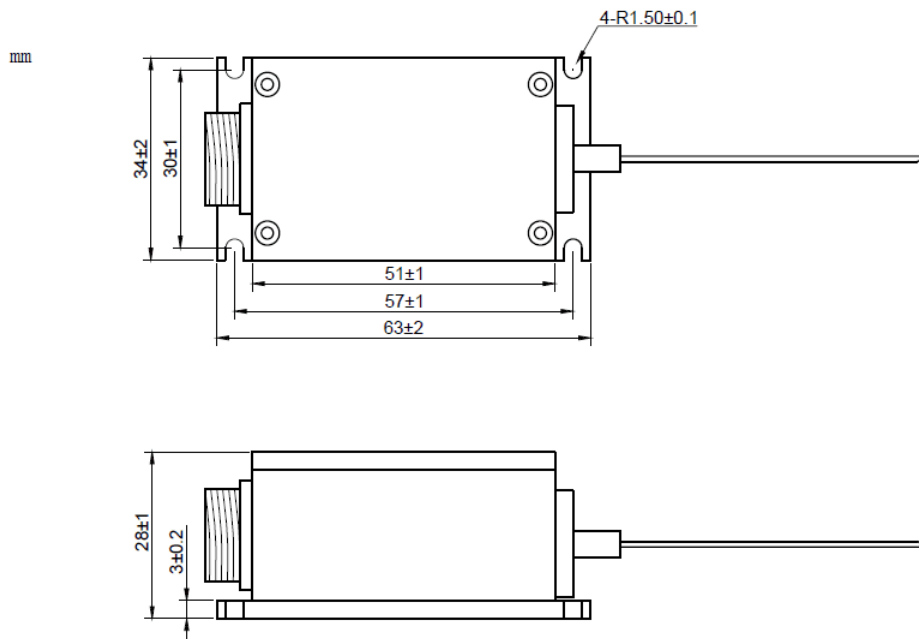


445nm~450nm 1W Fiber Coupled Diode Laser With TEC Cooler | Blue Laser Diode Module
445nm 1W |HHL Package| Multi-mode Fiber| High Power Laser | Built-in TEC Cooling | High Stability
WSLX-445-001-M-H-T
Wavespectrum Laser Group
en.wavespectrum-laser.com.cn

PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	+10 ~ +30	°C
Storage Temperature	T_{stg}	-40 ~ +85	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C
Features: 450nm 1W Output Power - Built-in TEC Cooling - High Stability Applications: - Medical Laser Treatment - Others 			
Specifications	WSLX-445-001-M-H-T		
	Min.	Type	Max.
Center Wavelength@25°C	440nm	450nm	460nm
Spectral Width (FWHM)	----	3nm	----
Output Power	----	1W	----
Recommend Operating Temperature	25 °C		
Threshold Current (Typ.)	----	0.3A	0.6A
Operating Current (Typ.)	----	1.2A	1.4A
Operating Voltage		5.5V	7.0V
TEC Max Current	3.5A		
TEC Max Voltage	7.0V		
Thermistor	10K		
Fiber Type	Multi-mode Fiber		
Fiber Core	105um		
Fiber Length	>80cm		
Connector Type	FC/SMA905		
Package Style	HHL-01		



HHL-01 Package View



Wavespectrum offer **Customized** 445nm Fiber Coupled LD.

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional
(such as 2W@445nm+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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