635nm 2W HHL Package Fiber Coupled LD(Laser Diode) Module

630nm~635nm|HHL Package| 400um Fiber Core| High Power Red LD|TEC Cooling

WSLB-635-002-H Wavespectrum Laser, Inc. www.wavespectrum-laser.com

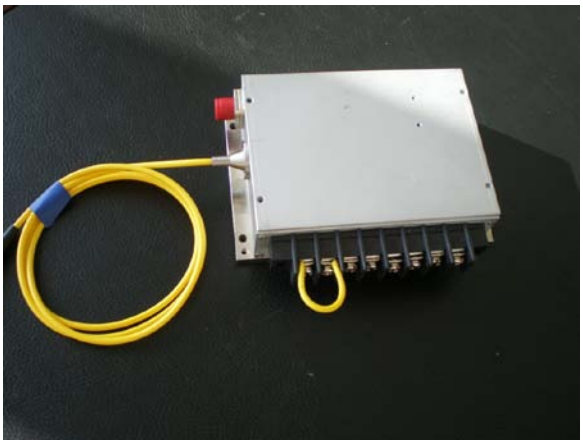
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	+10~+30	℃
Storage Temperature	T_{stg}	-20 ~ +80	℃
Lead soldering temperature (10 sec.)	T_{ls}	260	℃

Features:

- 635nm
- **Built-in** TEC Cooling
- Photodiodes Optional
- Stainless Steel Armor Optional

Applications:

- Medical laser treatment
- Others



Specifications	WSLB-635-002-H		
	Min.	Type	Max.
Center Wavelength@25℃	----	635±10nm	----
Spectral Width (FWHM)	----	3nm	----
Output Power	----	2W	----
Temperature Coefficient of Wavelength	----	0.3nm / °C	----
Threshold Current (Typ.)	----	750mA	----
Operating Current (Typ.)	----	1200mA	----
Operating Voltage		13.2V	
Cooling	TEC Cooling		
Fiber Core Diameter	<400um		
Fiber Numerical Aperture	0.22		
Fiber Length	100cm		
Connector Type	SMA905/ST/FC		
Package	P2 Package		

Wavespectrum Laser,Inc.
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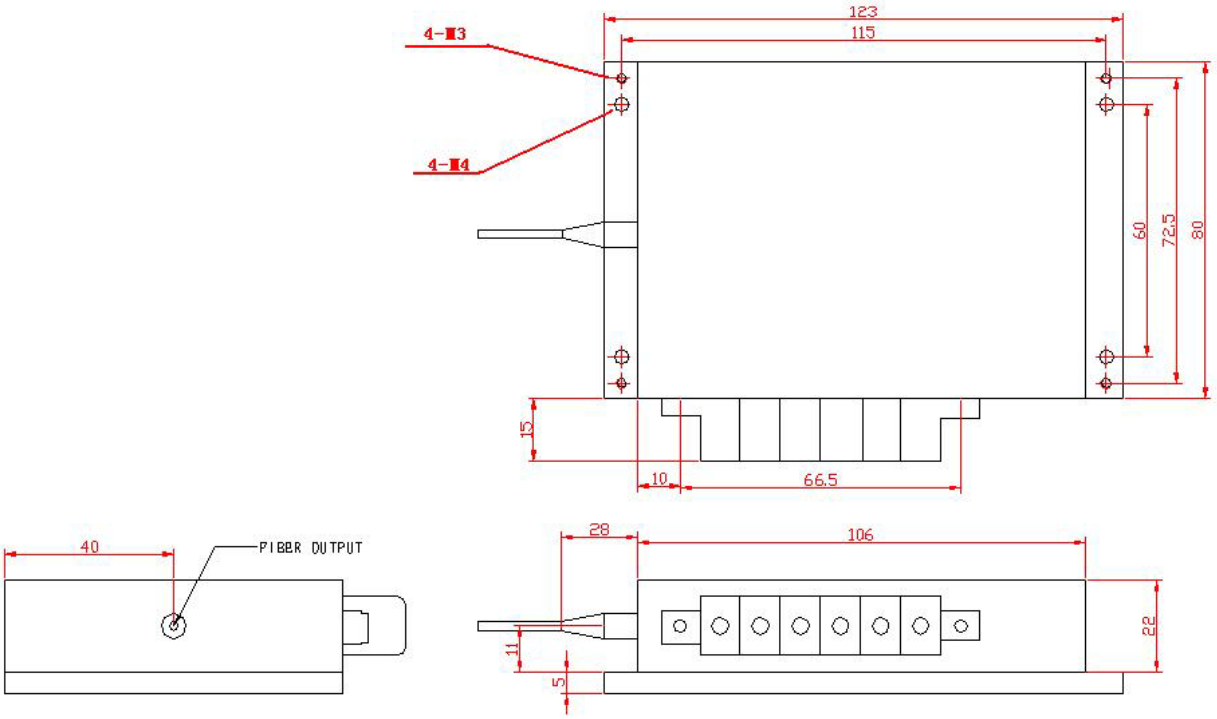
Package View



PIN	1	2	3	4	5	6
	LD(+)	**LD(-)**	**RT**	**RT**	**TEC(-)**	**TEC(+)**

Wavespectrum offer Customized 635nm Fiber Coupled LD.

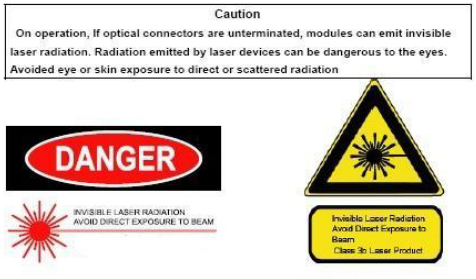
Please let me know your special request:

- **Customized Output Power**
- **Customized Fiber**
- **Customized Fiber Connector**

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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