

830nm 1W Fiber Coupled LD For CTP Printing | TEC Cooling Optional | PD Optional

830nm |2-Pin Package | 50um 60um 105um Fiber Core| High Power Laser Diode

WSLX-830-001-50M-H2

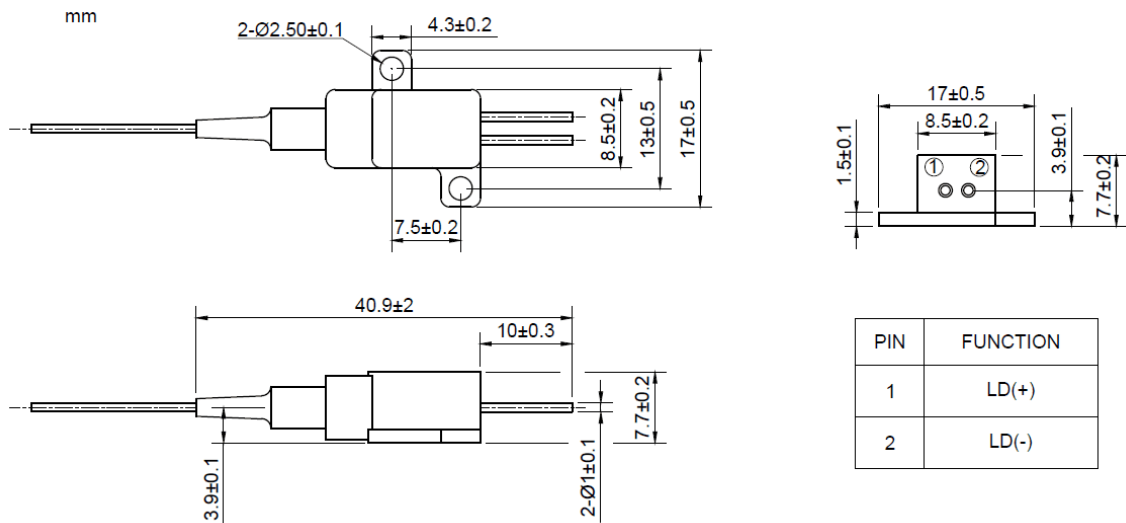
Wavespectrum Laser Group.

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: 830nm 2-Pin Package - Long lifetime				
Applications: - Medical Laser Treatment - CTP Printing - Others				
Specifications		WSLX-830-001-50M-H2		
		Min	Type	Max
Center Wavelength@25℃		830nm±10nm		
Spectral Width (FWHM)		----	3nm	----
Output Power			1W	
Temperature Coefficient of Wavelength		0.3nm / °C		
Threshold Current (Typ.)		0.2A		
Operating Current (Typ.)		1.4A		
Operating Voltage		2.0V		
Recommended Case Temperature		25℃		
Fiber Core Diameter		50um		
Fiber Numerical Aperture		0.15		
Fiber Length		>40cm		
Connector Type		SMA905 / ST / FC		
Package Style		2-Pin-03		



2-Pin-03 Package View:



Wavespectrum offer **Customized 830nm Fiber Coupled LD.**

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional
(such as 2w@830nm+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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