

870nm~880nm 2W Fiber Coupled Laser Diode Module | Built-in TEC Cooler | 14-Pin (BTF) Package

880nm | 14-Pin Butterfly Package | 50um Fiber Core | High Power LD | Built-in PD

WSLX-880-002-50M-H14-T-PD

Wavespectrum Laser Group

en.wavespectrum-laser.com.cn

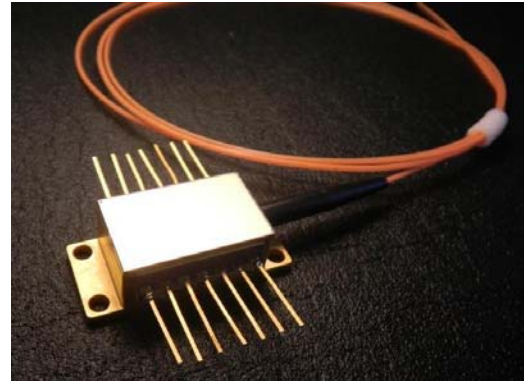
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	+10 ~ +30	°C
Storage Temperature	T_{stg}	-20 ~ +80	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C

Features:

- 880nm
- Multimode Fiber
- 14-Pin Package
- Built-in TEC Cooler
- Built-in Photodiode

Applications:

- Medical Laser Treatment
- Others

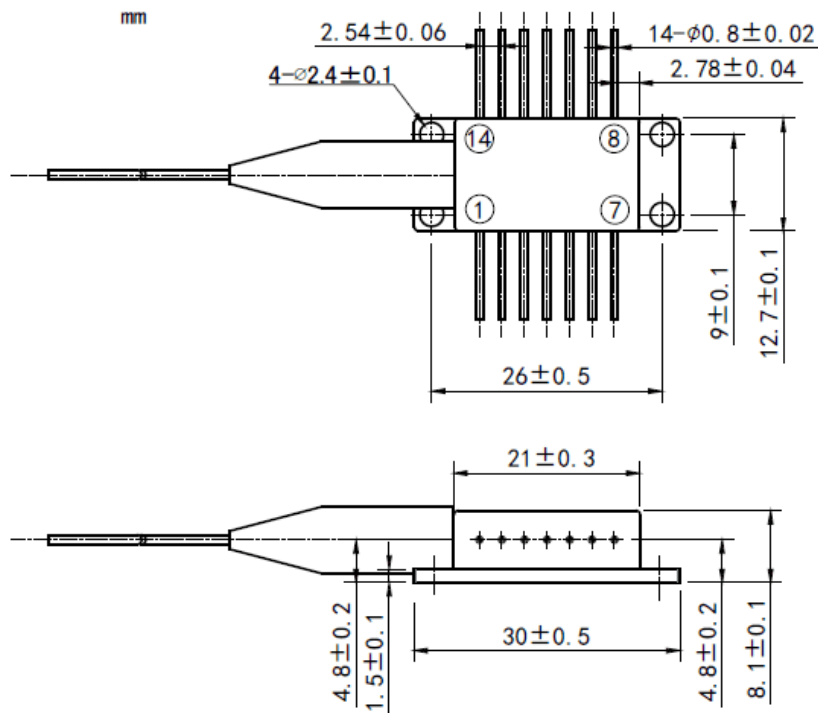


Specifications	WSLX-880-002-50M-H14-T-PD		
	Min.	Type	Max.
Center Wavelength@25°C	880nm±10nm		
Spectral Width (FWHM)		3nm	
Output Power	----	2W	----
Temperature Coefficient of Wavelength	0.3nm / °C		
Threshold Current (Typ.)	----	0.5A	----
Operating Current (Typ.)	----	3.2A	----
Operating Voltage	----	2.0V	----
Recommended Case Temperature	25°C		
TEC Max. Current	2A		
TEC Max. Voltage	8V		
Thermistor	10K		
Fiber Core Diameter	50um		
Fiber Numerical Aperture	0.22		
Fiber Length	>80cm		
Package Style	14-Pin-01		
Connector Type	SMA905 / ST / FC		

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14-Pin-01 Package View



Pin Out:

PIN	FUNCTION	PIN	FUNCTION
1	TEC(+)	14	TEC(-)
2	THERMISTOR	13	CASE
3	PD(+)	12	NC
4	PD(-)	11	LD(-)
5	THERMISTOR	10	LD(+)
6	NC	9	NC
7	NC	8	NC

Electrically shorten LD module and store in non-extreme conditions.

Suggest using the constant current power supply.

