660nm 0.8W Fiber Coupled Laser Diode with Butterfly（BTF）Package | Built-in TEC cooler | With Photodiode

658nm～660nm 800mW Pigtailed Diode Laser Module With 14-Pin Butterfly Package | Red LD Module

WSLX-660-800m-M-H14-T-PD Wavespectrum Laser Group www.wavespectrum-laser.com

660nm Pigtailed Diode Laser 800mW/MM Fiber en.wavespectrum-laser.com.cn

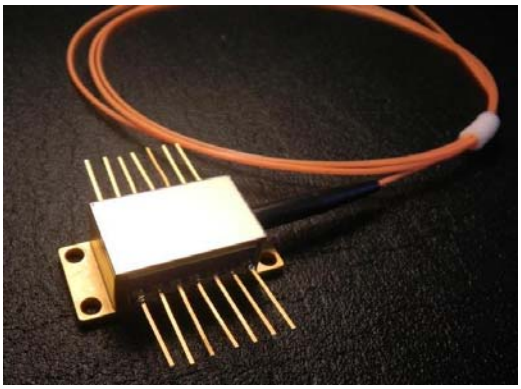
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	+10 ~+30	℃
Storage Temperature	T_{stg}	-20 ~+80	℃
Lead soldering temperature (10 sec.)	T_{ls}	260	℃

Features:

- 660nm
- 14-Pin Butterfly Package
- Built-in TEC Cooler
- Built-in Photodiode

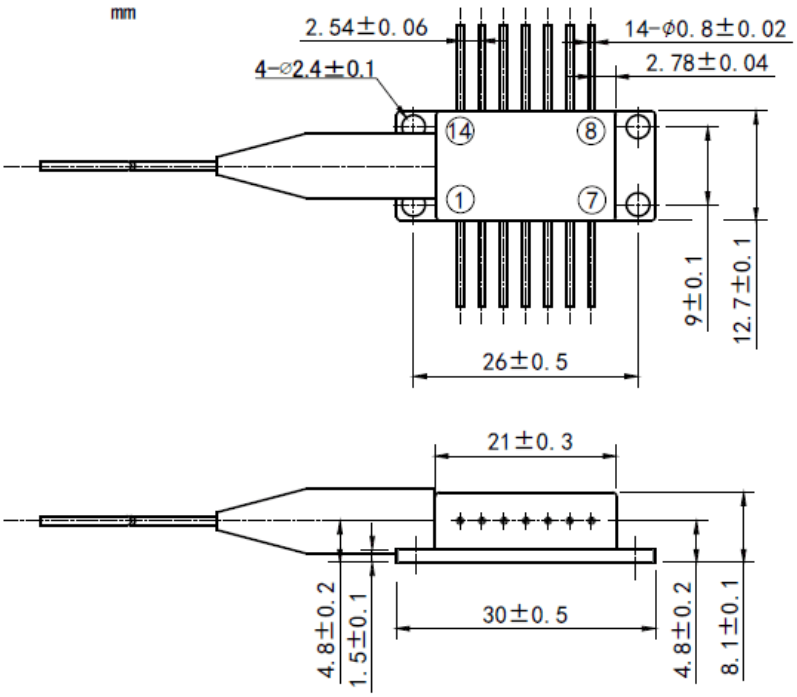
Applications:

- Medical Laser Treatment
- Sensor
- Others



Specifications	WSLX-660-800m-M-H14-T-PD		
	Min	Type	Max
Center Wavelength@25℃	660nm±10nm		
Output Power	----	800mW	----
Spectral Width (FWHM)	----	3nm	----
Recommended Operating Temperature	25℃		
Temperature Coefficient of Wavelength	0.3nm / °C		
Threshold Current (Typ.)	----	0.4A	0.9A
Operating Current (Typ.)	----	1.4A	1.6A
Operating Voltage	----	2.2V	2.5V
TEC Max Current	2A		
TEC Max Voltage	8V		
Thermistor	10K		
Fiber Core	105um		
N.A.	0.22		
Fiber Connector	FC/SMA905		
Fiber Length	＞80cm		
Package Style	14-Pin		

14-Pin 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.

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