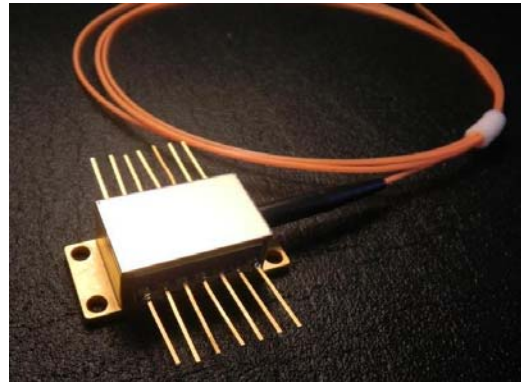


660nm 1W Fiber Coupled Laser Diode with Butterfly (BTF) Package | Built-in TEC cooler | With Photodiode
658nm~660nm 1W Pigtailed Diode Laser Module With 14-Pin Butterfly Package | Red LD Module
WSLX-660-001-M-H14-T-PD **Wavespectrum Laser Group** **www.wavespectrum-laser.com**

660nm Pigtailed Diode Laser **1W/MM Fiber** **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

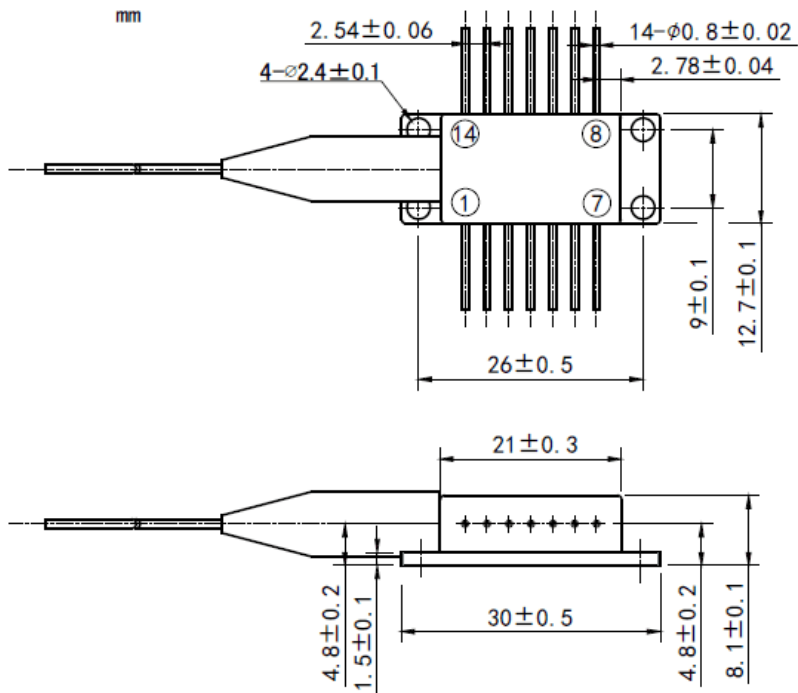
- Features:**
- 660nm
 - 14-Pin Butterfly Package
 - Built-in TEC Cooler
 - Built-in Photodiode
- Applications:**
- Medical Laser Treatment
 - Sensor
 - Others



Specifications	WSLX-660-001-M-H14-T-PD		
	Min	Type	Max
Center Wavelength@25°C	660nm±10nm		
Output Power	----	1W	----
Spectral Width (FWHM)	----	3nm	----
Recommended Operating Temperature	25°C		
Temperature Coefficient of Wavelength	0.3nm / °C		
Threshold Current (Typ.)	----	0.5A	1.0A
Operating Current (Typ.)	----	1.6A	1.8A
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.

