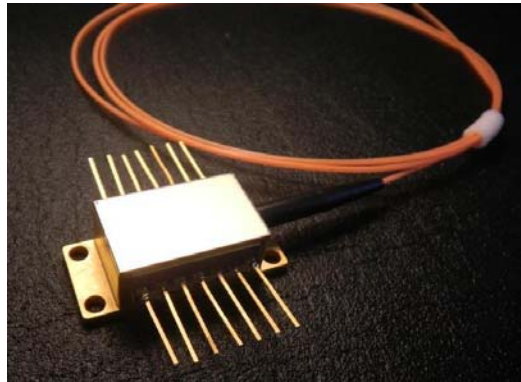
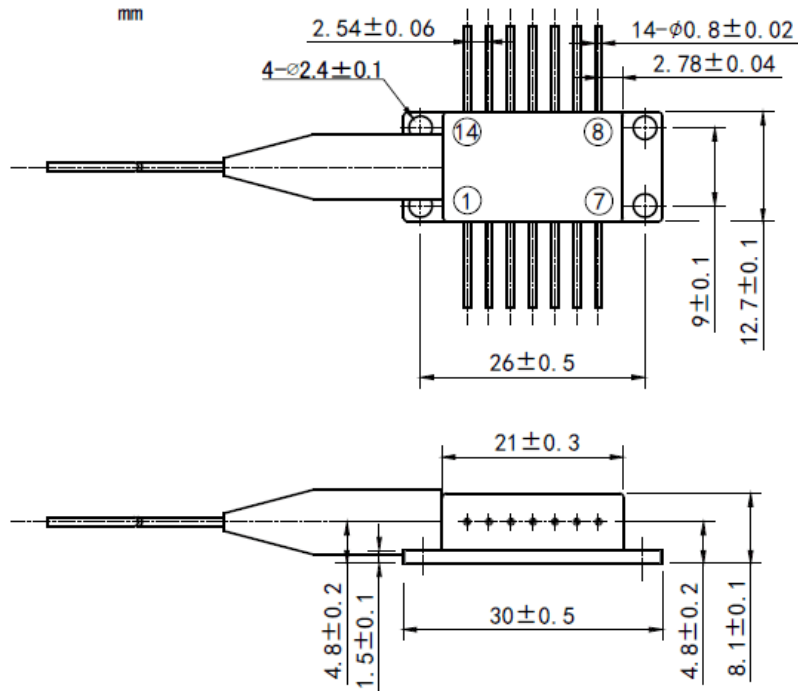


808nm 2W Fiber Coupled Laser Diode with Butterfly (BTF) Package | Built-in TEC cooler | With Photodiode
 808nm~810nm 2W Pigtailed Diode Laser Module With 14-Pin Butterfly Package | Infrared LD Module
 WSLX-808-002-M-H14-T-PD Wavespectrum Laser Group www.wavespectrum-laser.com

808nm Pigtailed Diode Laser		2W/MM Fiber	en.wavespectrum-laser.com.cn	
PARAMETER	SYMBOL	VALUE		UNIT
MAX 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: 808nm 14-Pin Butterfly Package - Built-in TEC Cooler - Built-in Photodiode				
Applications: - Medical Laser Treatment - Sensor - Others				
Specifications		WSLX-808-002-M-H14-T-PD		
	Min	Type	Max	
Center Wavelength@25°C	±5nm	808nm	±10nm	
Output Power		2W		
Spectral Width (FWHM)		3nm		
Recommended Operating Temperature	25°C			
Temperature Coefficient of Wavelength	0.3nm / °C			
Threshold Current (Typ.)	0.3A			
Operating Current (Typ.)	3.0A			
Operating Voltage	1.9V			
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.

