

808nm 4mW~5mW SM Butterfly (BTF) Package Pigtailed Laser Diode with Photodiode | Built-in TEC cooler
 808nm~810nm Single Mode Fiber Coupled LD with 14-Pin package | Infrared Diode Laser Module with PD
 WSLX-808-005m-4-T-PD Wavespectrum Laser Group www.wavespectrum-laser.com

808nm Pigtailed Diode Laser 5mW/SM Fiber en.wavespectrum-laser.com.cn

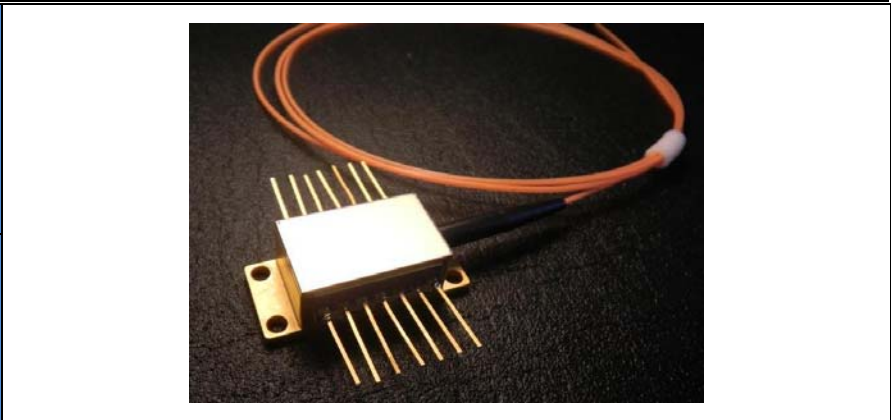
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	-10~+45	°C
Storage Temperature	T_{stg}	-40~+80	°C
Lead soldering temperature (5 sec.)	T_{is}	250	°C

Features:

- 808nm
- With SM Fiber
- 14-Pin Package
- Built-in TEC Cooler

Applications:

- Medical laser treatment
- Sensor
- Others

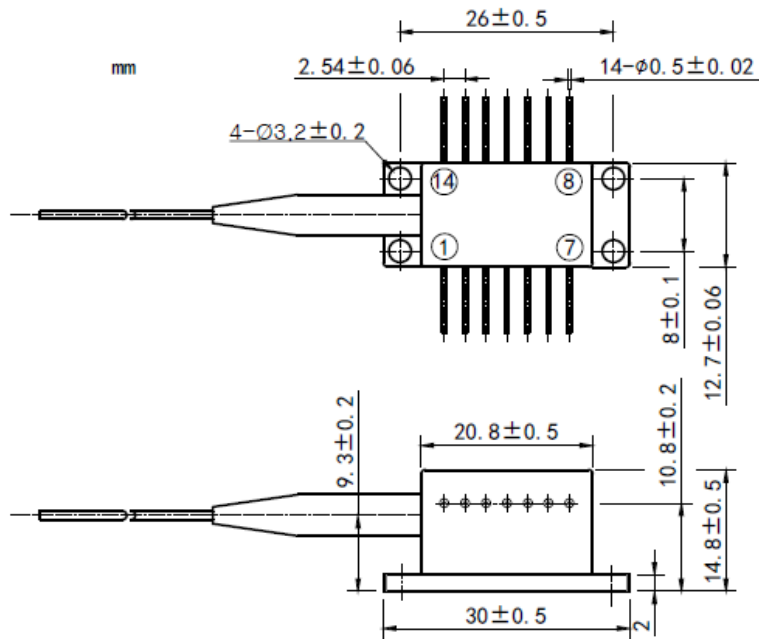


Specifications WSLX-808-005m-4-T-PD

	Min	Type	Max
Center Wavelength@25°C	±3nm	808nm	±10nm
Recommend Operating Temperature	25°C		
Output Power	4mW	----	5mW
Fiber Type	Single Mode Fiber		
Fiber Core	5um		
Threshold Current (Typ.)	----	30mA	40mA
Operating Current (Typ.)	----	60mA	80mA
Operating Voltage	----	2.0V	2.3V
TEC Max Current	1.8A		
TEC Max Voltage	2.5V		
Thermistor	10K		
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.

