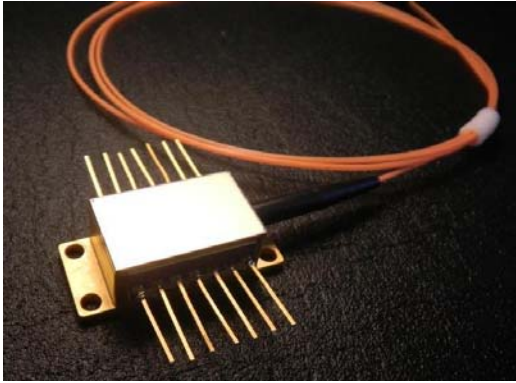


880nm 1mW~2mW Single Mode Butterfly (BTF) Package Pigtailed Laser Diode with PD | Built-in TEC cooler
870nm~880nm SM Coupled LD with 14-Pin package | Infrared Diode Laser Module| Built-in Photodiode
WSLX-880-001m-4-T-PD **Wavespectrum Laser Group** **www.wavespectrum-laser.com**

880nm Pigtailed Diode Laser 1mW/SM Fiber en.wavespectrum-laser.com.cn

PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	-10~+60	°C
Storage Temperature	T_{stg}	-40~+80	°C
Lead soldering temperature (5 sec.)	T_{is}	250	°C

- Features:**
- 880nm
 - With SM Fiber
 - 14-Pin Package
 - Built-in TEC Cooler



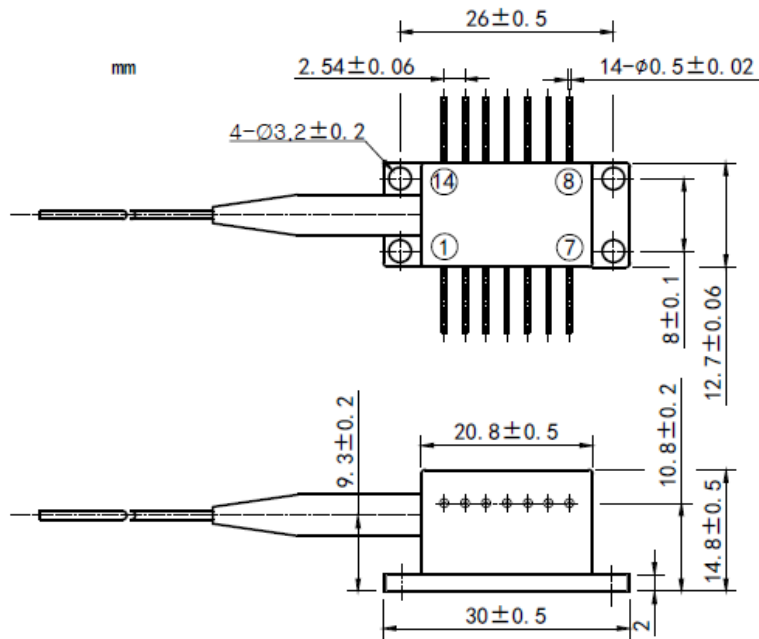
- Applications:**
- Medical laser treatment
 - Sensor
 - Others

Specifications **WSLX-880-001m-4-T-PD**

	Min	Type	Max
Center Wavelength@25°C	870nm	880nm	890nm
Recommend Operating Temperature	25°C		
Output Power	----	1mW	----
Fiber Type	Single Mode Fiber		
Fiber Core	5um		
Threshold Current (Typ.)	----	10mA	18mA
Operating Current (Typ.)	----	30mA	35mA
Operating Voltage	----	2.2V	2.4V
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.

