

850nm 30mW~40mW PM Fiber Coupled Diode Laser With 14-Pin Package | 850nm Laser Diode Module
850nm 30mW Pigtailed Laser Module with Polarization Maintaining Fiber |14-Pin Package| Built-in Photodiode
WSLX-850-030m-PM-H14-T-PD **Wavespectrum Laser Group** **www.wavespectrum-laser.com**

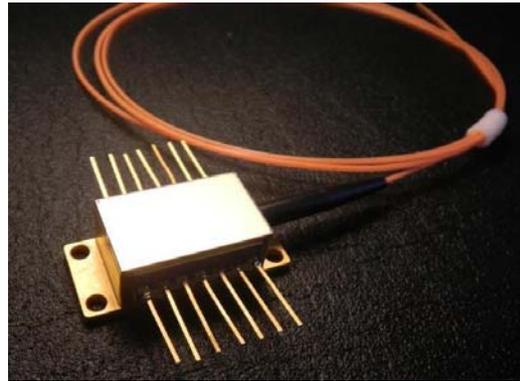
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	+10 ~ +30	°C
Storage Temperature	T_{stg}	-40 ~ +85	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C

Features:

- 850nm
- 5um PM Fiber
- Built-in TEC Cooling
- 14-Pin Package

Applications:

- Medical Laser Treatment
- Biotechnology
- Others



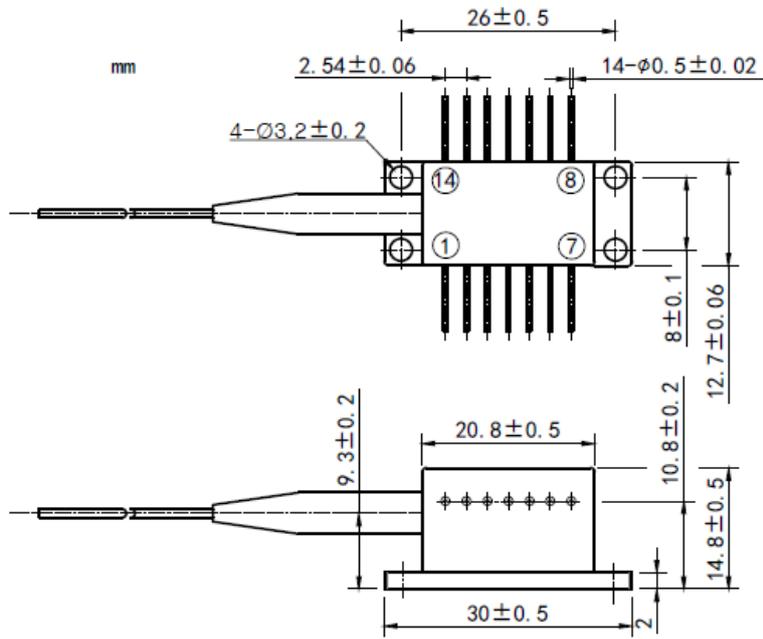
Specifications

WSLX-850-030m-PM-H14-T-PD

	Min.	Type	Max.
Center Wavelength@25°C	850nm ± 10nm		
Spectral Width (FWHM)	----	2nm	----
Output Power	----	30mW	----
Recommended Operating Temperature	25 °C		
Threshold Current (Typ.)	----	45mA	100mA
Operating Current (Typ.)	----	200mA	220mA
Operating Voltage	----	2.4V	2.8V
Polarization Extinction Ratio	----	13dB	----
TEC Max Current	1.3A		
TEC Max Voltage	4.0V		
Thermistor	10K		
Fiber Type	Polarization Maintaining Fiber		
Fiber Core	5um		
Fiber Length	>70cm		
Connector Type	FC/APC		
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	None
4	LD(+)&PD(-)	11	LD(-)
5	Thermistor	10	LD(+)&PD(-)
6	None	9	None
7	None	8	None

Electrically shorten LD module and store in non-extreme conditions.
Suggest using the constant current power supply.

