

630nm 20mW PM Fiber Coupled Diode Laser With 14-Pin Butterfly Package | Built-in TEC cooler

630nm~632nm Pigtailed Laser Module with Polarization Maintaining Fiber | 14-Pin Package

WSLX-630-020m-PM-H14-T

Wavespectrum Laser Group

en.wavespectrum-laser.com.cn

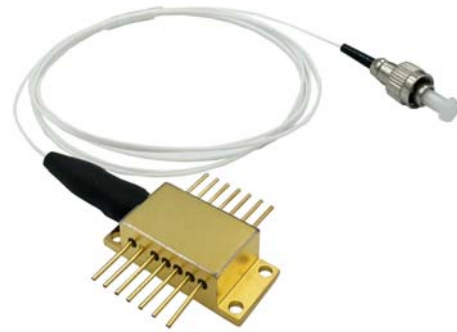
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	+10 ~ +30	°C
Storage Temperature	T_{stg}	-20 ~ +80	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C

Features:

- 630nm
- 4um PM Fiber
- Built-in TEC Cooling
- 14-Pin Package

Applications:

- Medical Laser Treatment
- Biotechnology
- Others



Specifications

WSLX-630-020m-PM-H14-T

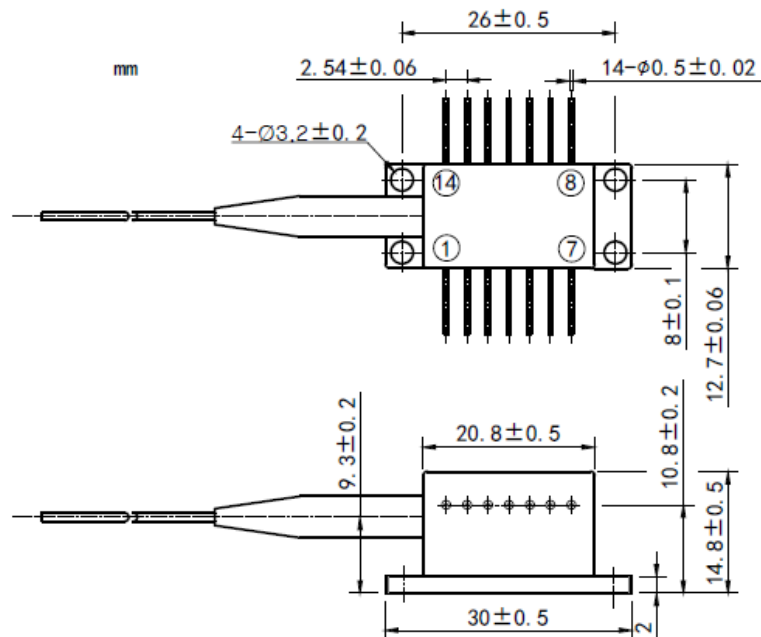
	Min.	Type	Max.
Center Wavelength@18°C	630nm±10nm		
Spectral Width (FWHM)	----	2nm	----
Output Power	----	20mW	----
Recommended Operating Temperature	25°C		
Threshold Current (Typ.)	----	70mA	100mA
Operating Current (Typ.)	----	170mA	190mA
Operating Voltage	----	2.7V	3.2V
Polarization Extinction Ratio	10dB	13dB	----
TEC Max Current	1.3A		
TEC Max Voltage	4.0V		
Thermistor	10K		
Fiber Type	Polarization Maintaining Fiber		
Fiber Core	4um		
Fiber Length	>70cm		
Connector Type	FC/APC		

High Polarization Extinction Ratio (PER) Version Laser Module is also available, please contact us.

Wavespectrum Laser Group
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14-Pin Package View



Pin Out:

PIN	FUNCTION	PIN	FUNCTION
1	TEC(+)	14	TEC(-)
2	THERMISTOR	13	CASE
3	NC	12	NC
4	NC	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.

