

495nm 80mW Multi-mode Fiber Coupled Diode Laser With 14-Pin Butterfly Package

490nm~495nm | 14-Pin HHL Package| 105um Multi-mode Fiber| With TEC Cooler | High Stability

WSLX-495-080m-M-H14-T

Wavespectrum Laser Group

en.wavespectrum-laser.com.cn

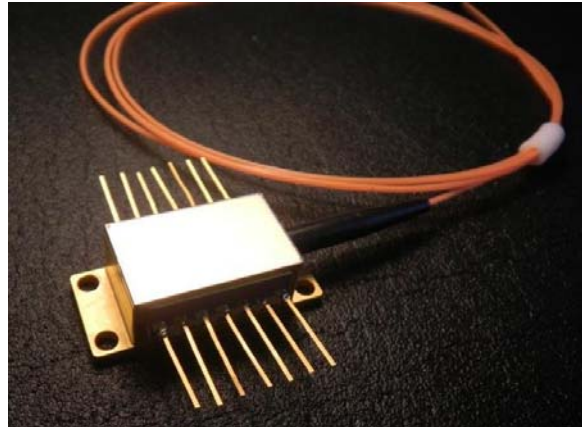
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	+10 ~ +30	°C
Storage Temperature	T_{stg}	-40 ~ +80	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C

Features:

- 495nm
- 105um Multi-mode Fiber
- 14-Pin Package
- Built-in TEC Cooling

Applications:

- Medical Laser Treatment
- Others



Specifications

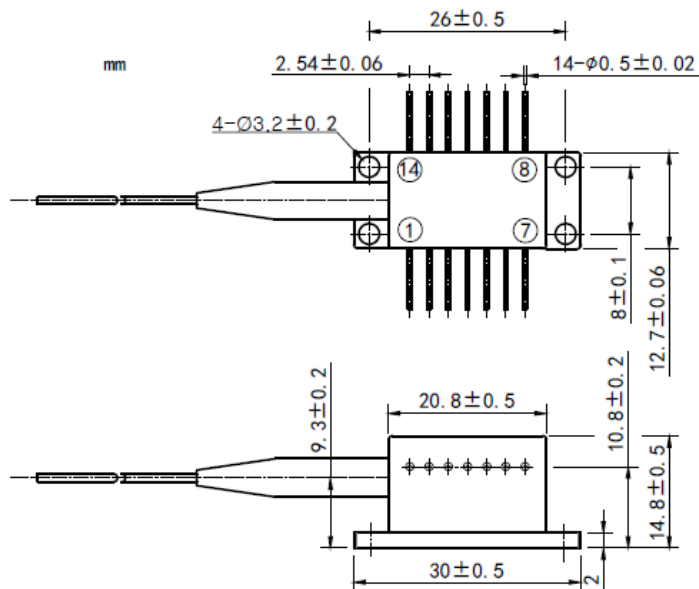
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	Min.	Type	Max.
Center Wavelength@25°C	495nm ± 10nm		
Spectral Width (FWHM)	----	2nm	----
Output Power	----	80mW	----
Recommend Operating Temperature	25 °C		
Threshold Current (Typ.)	----	35mA	70mA
Operating Current (Typ.)	----	150mA	170mA
Operating Voltage		6.5V	8.0V
TEC Max Current	1.3A		
TEC Max Voltage	4.0V		
Thermistor	10K		
Fiber Type	Multi-mode Fiber		
Fiber Core	105um		
Fiber Length	>70cm		
Connector Type	FC/SC/SMA905		
Package Style	14-Pin		

Wavespectrum Laser Group
www.wavespectrum-laser.com
sales@wavespectrum-laser.com



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.

