1060~1064nm 1W~1.5W Fiber Coupled LD with 14-pin Butterfly (BTF) Package | TEC Cooler| PD Optional

1064nm|14-pin Butterfly | 105um 200um 400um Fiber Core| High Power Laser Diode

WSLX-1064-001-H-T **Wavespectrum Laser Group** **www.wavespectrum-laser.com**

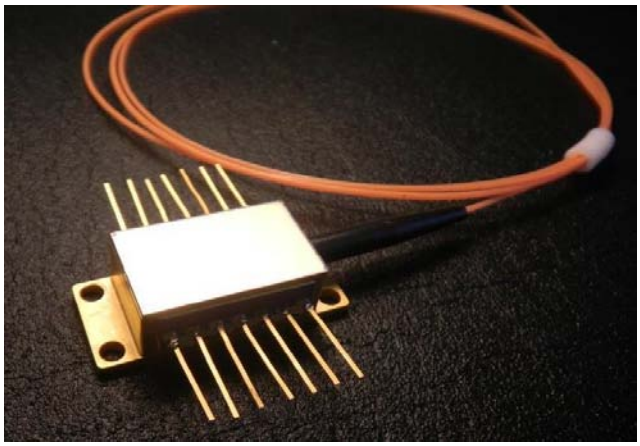
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	+10~+30	℃
Storage Temperature	T_{stg}	-20 ~ +85	℃
Lead soldering temperature (10 sec.)	T_{ls}	260	℃

Features:

- 1064nm
- 14-pin Butterfly package
- Built-in TEC Cooler
- PD Optional

Applications:

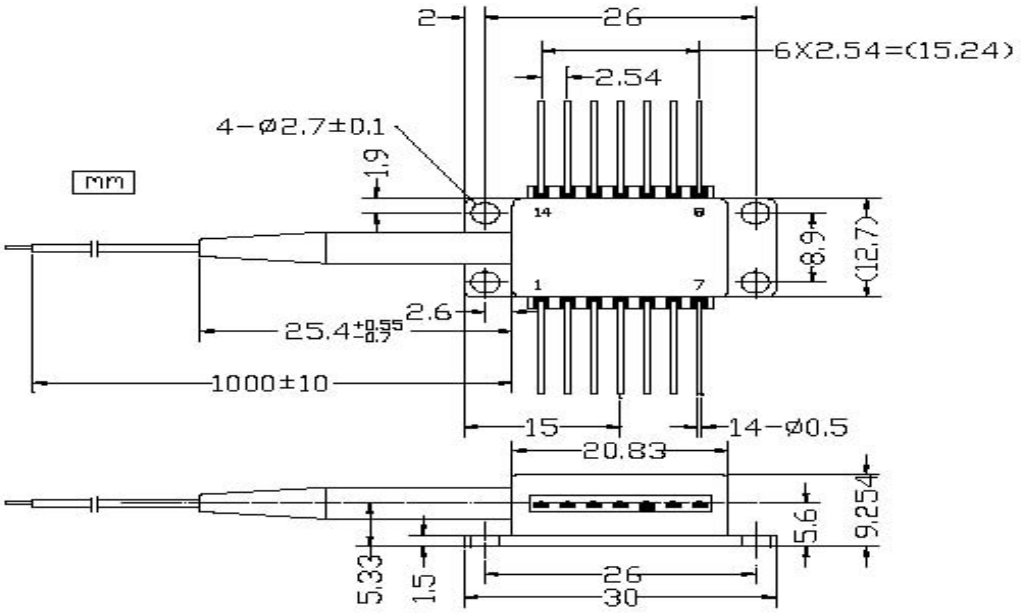
- Medical laser treatment
- Sensing
- Printing
- Others



Specifications	WSLX-1064-001-H-T		
	Min	Type	Max
Center Wavelength@25℃	±3nm	1064	±10nm
Spectral Width (FWHM)	----	1nm	3nm
Output Power	----	1.5W	----
Temperature Coefficient of Wavelength	0.3nm / ℃		
Threshold Current (Typ.)	300mA		
Operating Current (Typ.)	2.6A		
Operating Voltage	1.9V		
Recommended Case Temperature	25℃		
TEC Max Current	1.8A		
TEC Max Voltage	2.5V		
Fiber Core	200um (105um 400um Optional)		
N.A.	0.22 (0.12N.A. , 0.37N.A. Optional)		
Fiber Length	80cm		
Connector Type	SMA905 / ST / FC		
Package Style	14-PIN Butterfly Package		

www.wavespectrum-laser.com
wavespectrumlaser@gmail.com

14-Pin Package View



Pin Out

PIN	FUNCTION	PIN	FUNCTION
1	TEC (+)	8	NC
2	Thermistor	9	NC
3	PD (+)	10	LD (+)
4	PD (-)	11	LD (-)
5	Thermistor	12	NC
6	NC	13	Case Ground
7	NC	14	TEC (-)

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

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