

1310nm 15mW Fiber Coupled LD with 14-pin Butterfly (BTF) Package | TEC Cooling| Built-in PD

1310nm 14-Pin Butterfly DFB Laser Module | Single Mode Fiber Coupled LD| High Power Laser Diode

WSLX-1310-015m-9-H14-T-DFB

Wavespectrum Laser Group.

en.wavespectrum-laser.com.cn

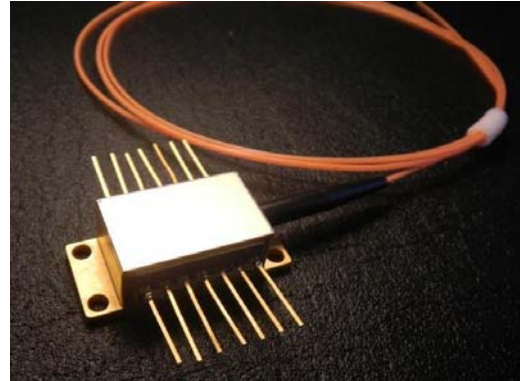
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	+10 ~ +30	°C
Storage Temperature	T_{stg}	-20 ~ +80	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C

Features:

- 1310nm
- 14-Pin Butterfly Package
- Single Mode Fiber
- Without Isolator
- Built-in TEC Cooling

Applications:

- Test Equipment
- Optical Transmitter of Analog Signal
- Optical Transmitter of Data Signal



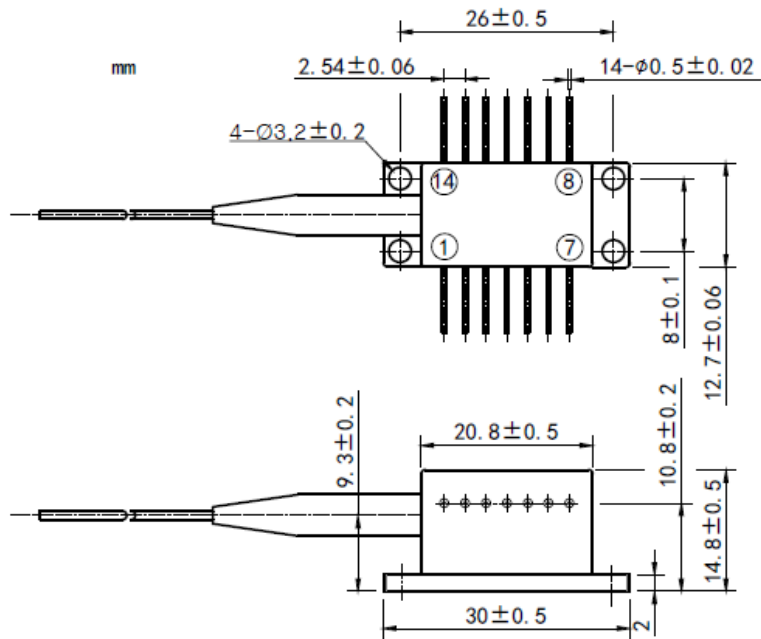
Specifications

WSLX-1310-015m-9-H14-T-DFB

	Min	Type	Max
Center Wavelength@25°C	1310nm±10nm		
Spectral Width (FWHM)	----	----	2nm
Output Power	----	15mW	----
Threshold Current (Typ.)	----	5mA	15mA
Operating Current (Typ.)	----	90mA	100mA
Operating Voltage	----	1.4V	1.7V
Recommended Case Temperature	25°C		
Thermistor	10K		
TEC Max Current	1.3A		
TEC Max Voltage	4.0V		
Fiber Core	9um		
N.A.	0.12		
Fiber Length	>70cm		
Connector Type	FC/SMA905		



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.

