

375nm 150mW Fiber Detachable LD | Built-in TEC cooler
375nm Fiber Receptacle Laser Diode| 105um, 200um, 400um Fiber Core

WSLR-375-150m-M-H14-T

Wavespectrum Laser Group

www.wavespectrum-laser.com
en.wavespectrum-laser.com.cn
375nm Fiber Detachable Diode Laser
150mW

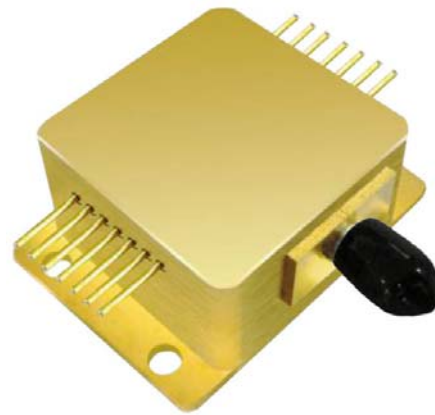
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	+15 ~ +30	°C
Storage Temperature	T_{stg}	-40 ~ +85	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C

Features:

- 375nm
- Suit for 105um MM Fiber
- Fiber Detachable Package
- Built-in Thermistor
- Built-in TEC cooler

Applications:

- Medical Laser Treatment
- Others

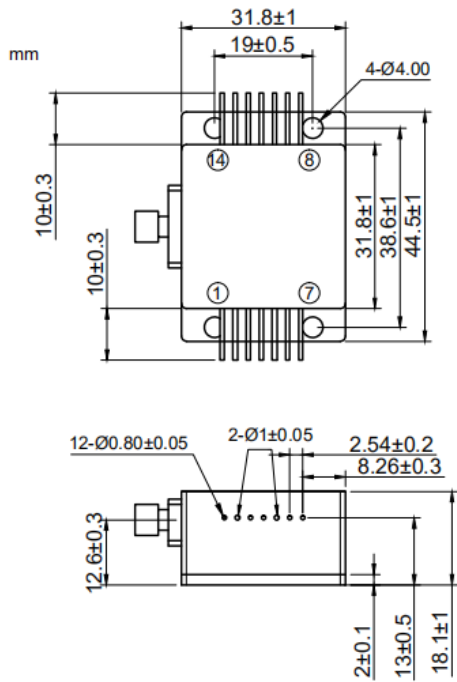

Specifications
WSLR-375-150m-M-H14-T

	Min	Type	Max
Center Wavelength@25°C	±5nm	375nm	±10nm
Spectral Width (FWHM)	----	2nm	----
Output Power(After Fiber End)	----	150mW	----
Used Fiber Core	105um UV Fiber		
Recommended Operating Temperature	25°C		
Detachable Fiber Connector	SMA905		
Threshold Current (Typ.)	----	200mA	----
Operating Current (Typ.)	----	380mA	----
Operating Voltage	----	5.0V	----
TEC Max. Current	6A		
TEC Max. Voltage	9.8V		
Thermistor	10K		
Package Style	14-Pin		

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14-Pin Package View



PIN	FUNCTION	PIN	FUNCTION
1	CASE	14	TEC(+)
2	LD(+)	13	None
3	Thermistor (10K)	12	None
4	Thermistor (10K)	11	None
5	LD(-)	10	None
6	None	9	None
7	None	8	TEC(-)

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

