

375nm 100mW 9-Pin Package Fiber Coupled Diode Laser With TEC | Violet Laser Diode
375nm| 9-Pin BTF Package With 105um UV Fiber |Built-in TEC Cooling
WSLX-375-100m-M-H9-T
Wavespectrum Laser Group
www.wavespectrum-laser.com

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
- 100mW Output Power
- UV Multi-mode Fiber
- Built-in TEC Cooling
- High Stability

Applications:

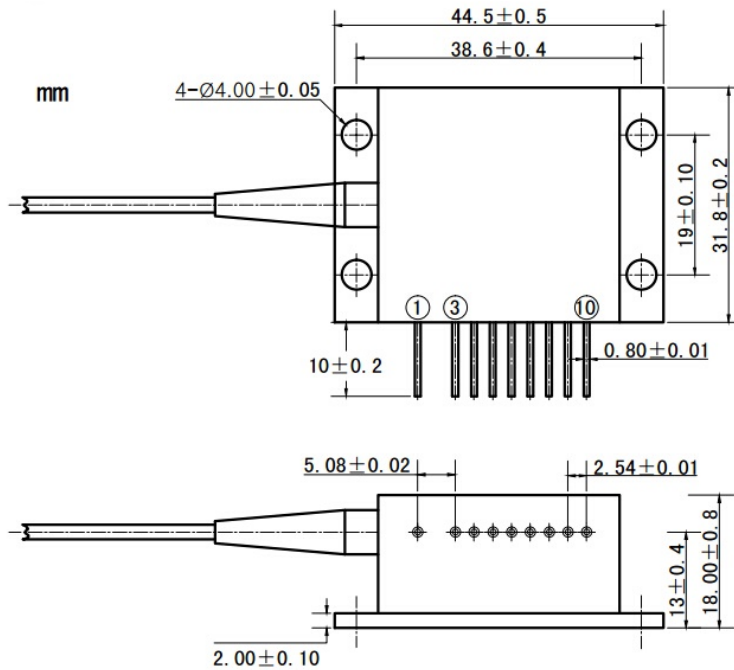
- Medical Laser Treatment
- Others


Specifications
WSLX-375-100m-M-H9-T

	Min.	Type	Max.
Center Wavelength@25°C	375nm ± 10nm		
Spectral Width (FWHM)	----	2nm	----
Output Power	----	100mW	----
Recommended Operating Temperature	25 °C		
Threshold Current (Typ.)	----	200mA	300mA
Operating Current (Typ.)	----	300mA	400mA
Operating Voltage		4.5V	5.5V
TEC Max Current	6A		
TEC Max Voltage	9.8V		
Fiber Type	UV Multi-mode Fiber		
Fiber Core	105um		
Fiber Length	>80cm		
Connector Type	SMA905/FC		
Package	9-Pin		



9-PIN Package View



PIN	FUNCTION
1	TEC (-)
2	-
3	CASE
4	LD (+)
5	THERM
6	THERM
7	LD (-)
8	-
9	-
10	TEC (+)

Wavespectrum offer **Customized 375nm Fiber Coupled LD.**

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional
(such as 500mw@405nm+10W@980nm)

Contact us with info@wavespectrum-laser.com

Electrically shorten LD module and store in non-extreme conditions.

Suggest using the constant current power supply.



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

