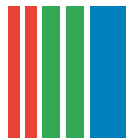


WAVE
s p e c t r u m



LASER DIODE SOURCE
part of the Laser Lab Source Group

LaserDiodeSource.com | LaserLabSource.com | LaserDiodeControl.com

800.887.5065
contact@LaserLabSource.com

1820 W. Lincoln Street
Bozeman, MT, 59715

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:

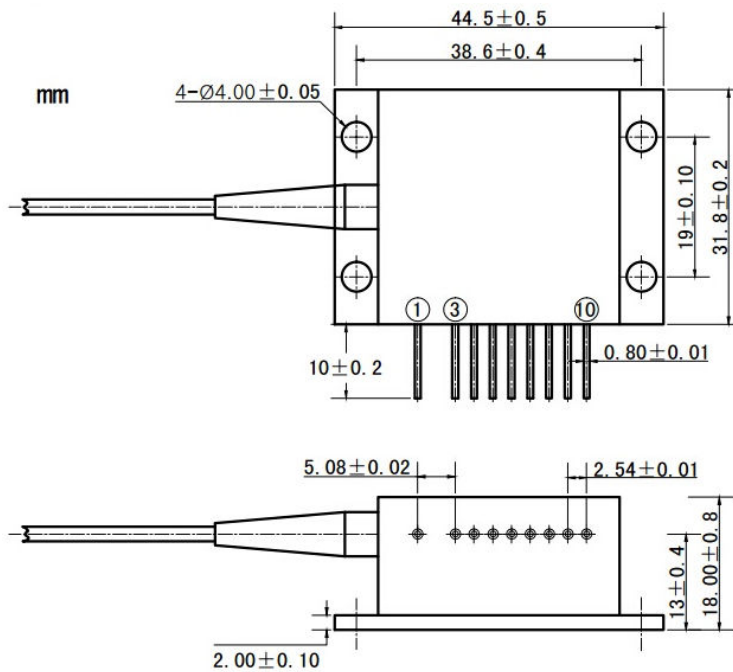
- 375nm
- 100mW Output Power
- UV Multi-mode Fiber
- Built-in TEC Cooling
- High Stability



Specifications

	Min.	Type	Max.
Center Wavelength@25°C	375 nm ± 10 nm		
Spectral Width (FWHM)	----	2nm	----
Output Power	----	100mW	----
Recommended Operating Temperature	25 °C		
Threshold Current (Typ.)	----	200 mA	300 mA
Operating Current (Typ.)	----	300 mA	400 mA
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 (+)



Installation and Technical Support for this product:
 Jamie Thompson – Jamie.T@LaserLabSource.com

Warranty:

This product is sold with a full one year warranty. It is warranted to be free from defects in material and/or workmanship for a period of one year from the date of shipment. The warranty is transacted and honored by Laser Diode Source, part of the Laser Lab Source Group, for product purchases made through Laser Lab Source.

manufactured by 

