

WAVE  
s p e c t r u m



**LASER DIODE SOURCE**

part of the Laser Lab Source Group

[LaserDiodeSource.com](http://LaserDiodeSource.com) | [LaserLabSource.com](http://LaserLabSource.com) | [LaserDiodeControl.com](http://LaserDiodeControl.com)

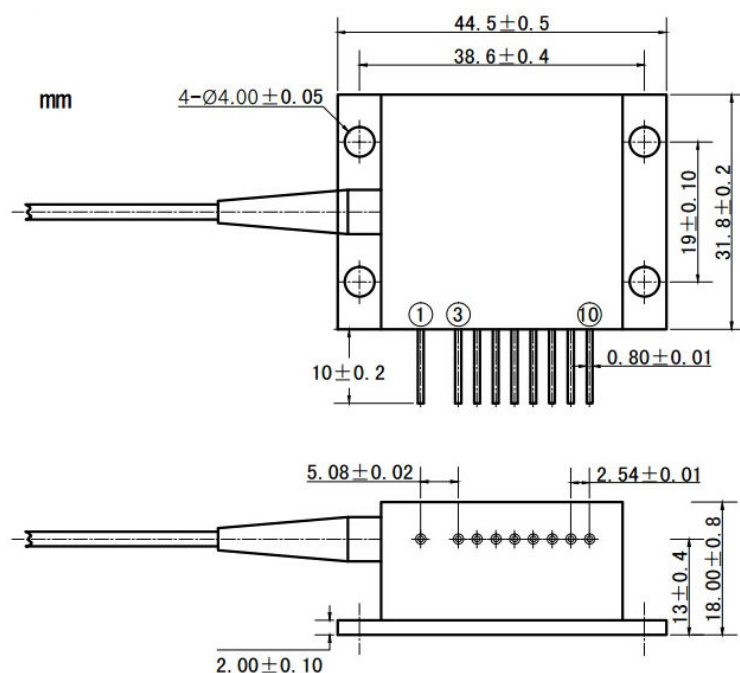
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PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V <sub>r</sub>	2.0	V
Operating Temperature	T <sub>op</sub>	+ 15 ~ + 30	°C
Storage Temperature	T <sub>stg</sub>	-40 ~ + 85	°C
Lead soldering temperature (10 sec.)	T <sub>is</sub>	260	°C
<b>Features:</b> <ul style="list-style-type: none"><li>375nm</li><li>100mW Output Power</li><li>UV Multi-mode Fiber</li><li>Built-in TEC Cooling</li><li>High Stability</li></ul>			
Specifications			
	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 (+)



### Installation and Technical Support for this product:

Jamie Thompson -- [Jamie.T@LaserLabSource.com](mailto: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

