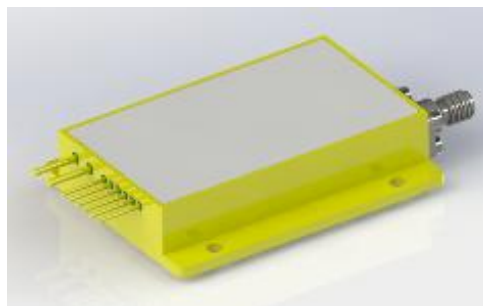


## ■ Features

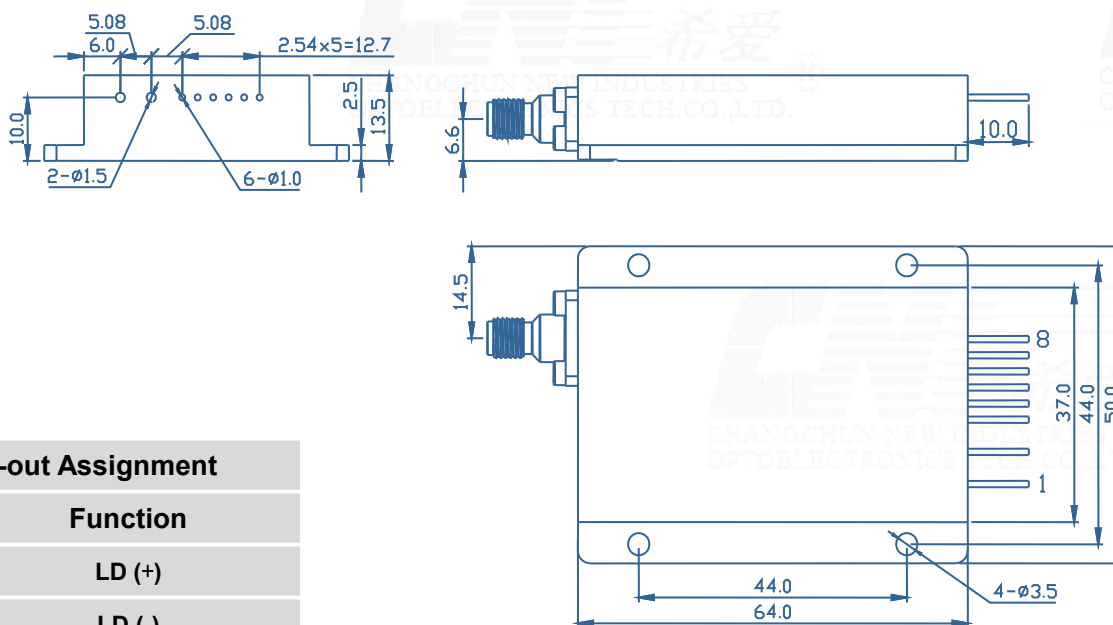
- ◆ High output power of 100W
- ◆ 200μm/0.22NA multimode optical fiber
- ◆ Center wavelength 878.6±0.5nm

## ■ Applications

- ◆ Laser pumping source
- ◆ Laser direct application



## Outline Dimension (mm)



Pin-out Assignment	
Pin	Function
1	LD (+)
2	LD (-)
3	-
4	-
5	PD(N)
6	PD(P)
7	Thermistor
8	Thermistor

## Typical Device Performance (25°C)

	Min	Typical	Max	Unit
<b>Optical</b>				
CW Output Power	-	100	-	W
Center Wavelength	-	878.6±0.5	-	nm
Spectral Width (90% of Power)	-	<0.8	-	nm
Wavelength Shift with Temperature	-	0.02	-	nm / °C
<b>Electrical</b>				
Threshold	-	1.5	-	A
Operating Current	-	12.7	14.0	A
Operating Voltage	-	15.8	18.0	V
Slope Efficiency	-	8.8	-	W / A
Power Conversion Efficiency	43	48	-	%
<b>Fiber*</b>				
Fiber Core Diameter	-	200/400	-	μm
Numerical Aperture	-	0.22	-	-
Fiber Length	-	1-5	-	m
Fiber Connector	-	SMA905	-	-

\* Customized fiber and connector available.

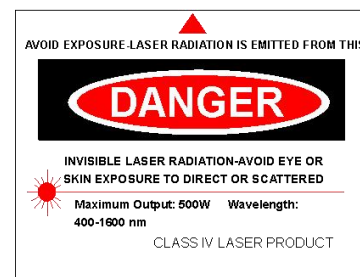
## Absolute Ratings

	Min	Max	Unit
Operating Temperature	15	35	°C
Operating Relative Humidity	-	75	%
Cooling Mode	-	Water cooling (25°C)	-
Storage Temperature	-20	80	°C
Storage Relative Humidity	-	90	%
Lead Soldering Temperature (10 s max)	-	250	°C

\* Measuring specifications.

All figures in this specification are measured by CNI's method and may contain measurement deviations.

The above specifications are for reference purpose only and subjected to change without prior notice.



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