

915nm 5W Fiber Coupled Laser Diode Module
915nm|2-PIN Package| 105um Fiber Core| High Power LD |5W Output Power
WSLX-915-005-H
Wavespectrum Laser Group
www.wavespectrum-laser.com

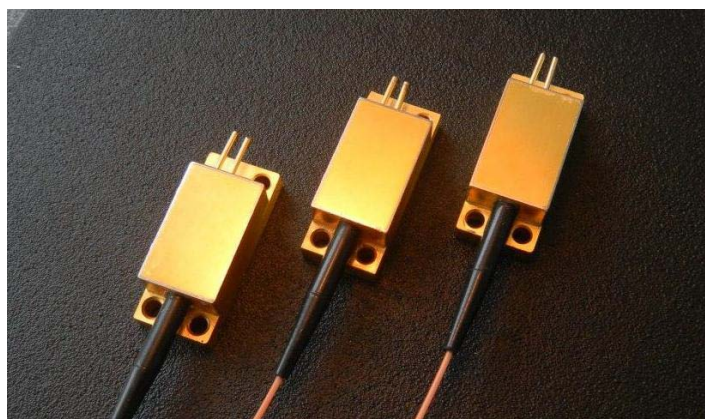
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	+10 ~ +30	°C
Storage Temperature	T_{stg}	-20 ~ +80	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C

Features:

- 915nm
- 2-pin Package
- Long Lifetime

Applications:

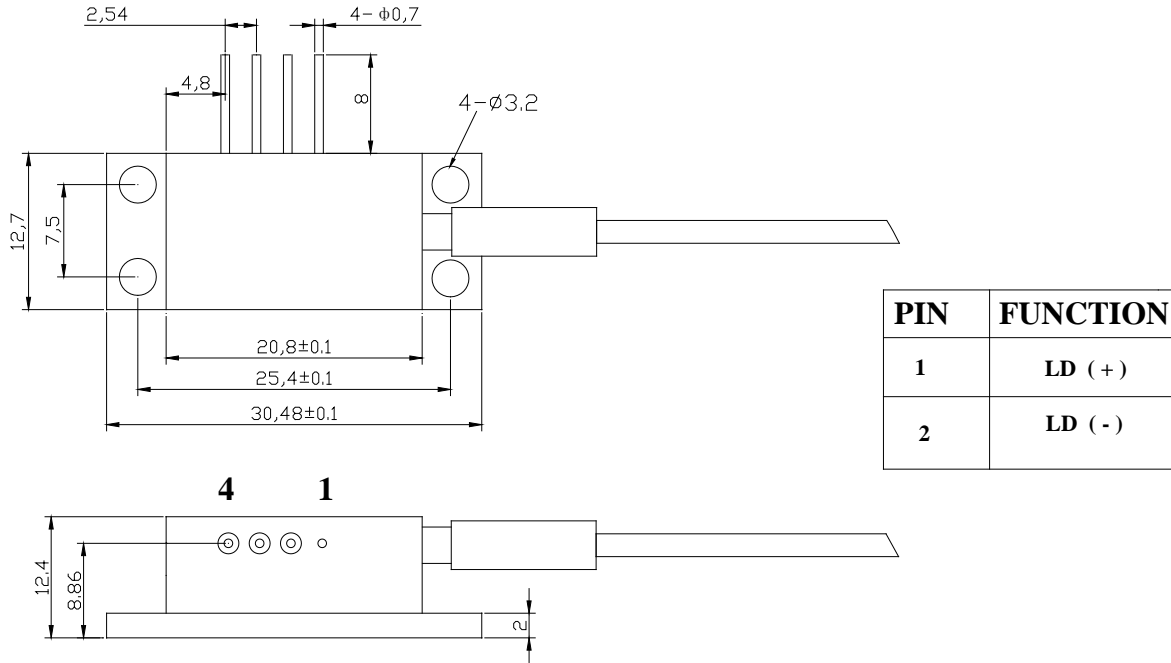
- Medical laser treatment
- Pumping
- Others


Specifications
WSLX-915-005-H

Center Wavelength@25°C	915±5nm
Spectral Width (FWHM)	3nm
Output Power	5W
Temperature Coefficient of Wavelength	0.3nm / °C
Threshold Current (Typ.)	500mA
Operating Current (Typ.)	5.5A
Operating Voltage	1.85V
Recommended Case Temperature	25°C
TEC Max. Current	----
TEC Max. Voltage	----
Fiber Core Diameter	105um/125um
Fiber Numerical Aperture	0.22 or 0.15
Fiber Length	100cm
Connector Type	FC (SMA905 Optional)
Package Style	2-pin or 4-pin



4-pin Package View



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



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