

515nm~520nm 80mW Fiber Coupled Diode Laser With TEC Cooler | Green LD Module

520nm 80mW |8-Pin HHL Pigtailed Laser Diode Module | 50um, 62.5um, 105um Fiber | Built-in TEC Cooling
WSLX-520-080m-M-H8-T Wavespectrum Laser Group en.wavespectrum-laser.com.cn

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:

- 520nm
- 8-Pin Package
- Built-in TEC Cooling
- Built-in Thermistor

Applications:

- Medical Laser Treatment
- Others



Specifications

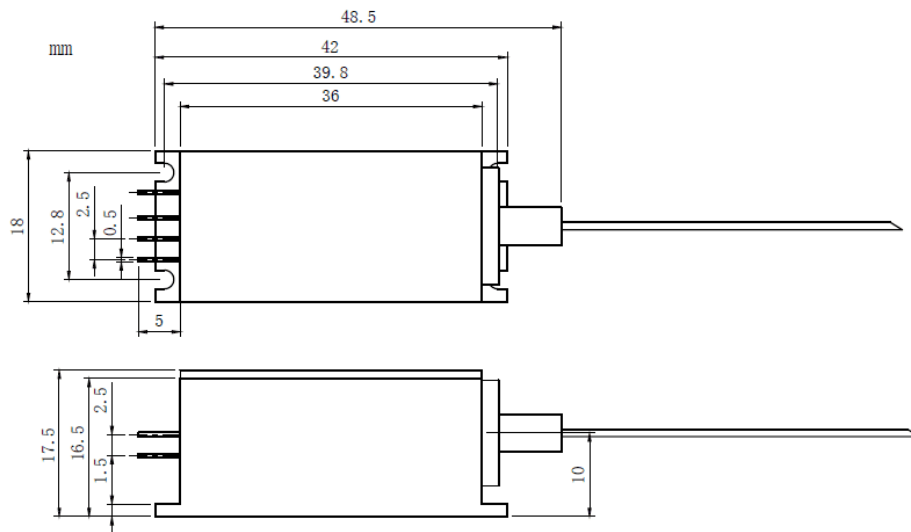
WSLX-520-080m-M-H8-T

	Min.	Type	Max.
Center Wavelength@25°C	520nm±10nm		
Spectral Width (FWHM)	----	2.0nm	----
Output Power	----	80mW	----
Recommended Operating Temperature	25 °C		
Threshold Current (Typ.)	----	65mA	95mA
Operating Current (Typ.)	----	270mA	290mA
Operating Voltage	----	7.0V	8.0V
Monitor Current	----	----	----
TEC Max Current	1.3A		
TEC Max Voltage	4.0V		
Thermistor	10K		
Fiber Core Diameter	105um		
Fiber Numerical Aperture	0.22		
Fiber Length	>80cm		
Connector Type	FC/SC/SMA905		
Package Style	8-PIN		

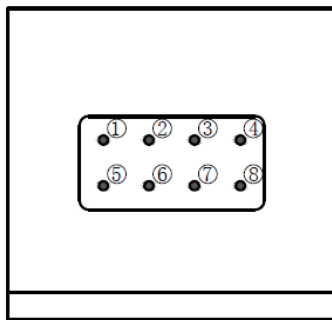
Wavespectrum Laser Group
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8-Pin Package View:



Pin Out:



PIN	FUNCTION	PIN	FUNCTION
1	RT	5	NC
2	LD (-)	6	NC
3	LD (+)	7	TEC (-)
4	RT	8	TEC (+)

Wavespectrum offer Customized 520nm Fiber Coupled LD.

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional
(such as 2W@520nm+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.



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