

635nm~638nm 400mW Fiber Coupled Diode Laser With TEC Cooler | Built-in Photodiode Optional

635nm 400mW |8-Pin HHL Package| Multi-mode Fiber| Red Diode Laser | Built-in TEC Cooling

WSLX-635-400m-M-H8-T

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:

- 638nm
- 8-Pin Package
- Built-in TEC Cooling
- Built-in Photodiode Optional

Applications:

- Medical Laser Treatment
- Others



Specifications

WSLX-635-400m-M-H8-T

	Min.	Type	Max.
Center Wavelength@25°C	638nm±10nm		
Spectral Width (FWHM)	----	2nm	----
Output Power	----	400mW	----
Recommend Operating Temperature	25 °C		
Threshold Current (Typ.)	----	220mA	300mA
Operating Current (Typ.)	----	850mA	900mA
Operating Voltage	----	2.4V	3.0V
Monitor Current	----	----	----
TEC Max Current	1.3A		
TEC Max Voltage	4.0V		
Thermistor	10K		
Fiber Type	Multi-mode		
Fiber Core	105um		
Fiber Length	>80cm		
Connector Type	FC/SC/SMA905		
Package Style	8-PIN		

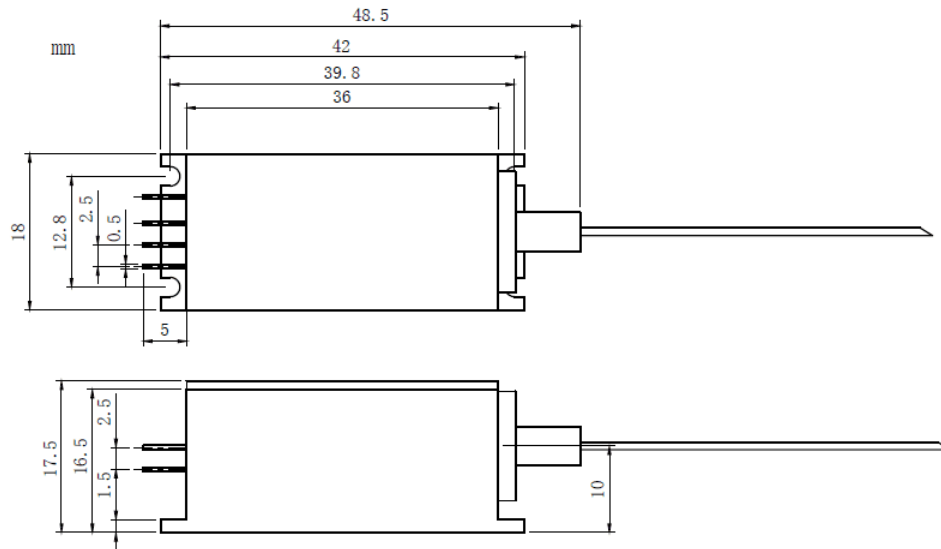
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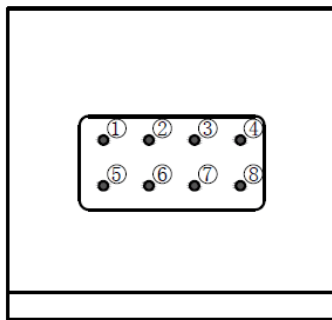
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8-Pin Package View:



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 635nm Fiber Coupled LD.

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional
(such as 2W@635nm+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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