

976nm~980nm 10mW Single Mode Fiber Coupled Diode Laser With Photodiode (PD) | Built-in TEC cooler
980nm 10mW |HHL Package| SM Fiber| Infrared Diode Laser | Built-in TEC Cooling | High Stability
WSLX-980-010m-4-H8-T-PD Wavespectrum Laser Group www.wavespectrum-laser.com

PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	-10~+50	°C
Storage Temperature	T_{stg}	-40~+85	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C

Features:

- 976nm
- 6um SM Fiber
- Built-in TEC Cooling
- Built-in Photodiode

Applications:

- Medical Laser Treatment
- Others



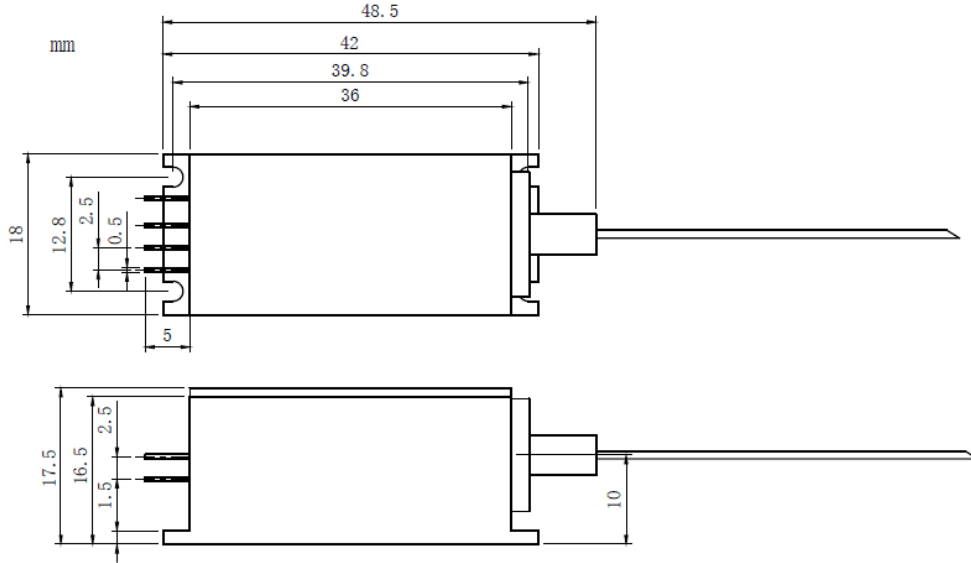
Specifications

WSLX-980-010m-4-H8-T-PD

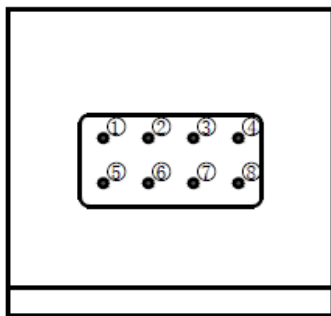
	Min.	Type	Max.
Center Wavelength@25°C	±5nm	976nm	±15nm
Spectral Width (FWHM)	----	2nm	----
Output Power	----	10mW	----
Recommend Operating Temperature	25 °C		
Threshold Current (Typ.)	----	15mA	35mA
Operating Current (Typ.)	----	90mA	100mA
Operating Voltage	----	1.7V	2.5V
TEC Max Current	1.3A		
TEC Max Voltage	4.0V		
Thermistor	10K		
Fiber Type	Single Mode Fiber		
Fiber Core	6um		
Fiber Length	>80cm		
Connector Type	FC/SC/SMA905		
Photodiode	Built-in		
Package Style	8-PIN		



8-Pin Package View:



Pin Out:



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

Wavespectrum offer Customized 980nm Fiber Coupled LD.

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional
(such as 10mW@650nm+10W@980nm)

Electrically shorten LD module and store in non-extreme conditions.

Suggest using the constant current power supply.

