

976nm~980nm 10mW PM Fiber Coupled Diode Laser With TEC Cooler | Infrared Laser Diode Module
980nm 10mW Pigtailed Laser Module with Polarization Maintaining Fiber |8-Pin Package| High Stability
WSLX-980-010m-PM-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
- PM Fiber
- Built-in TEC Cooling
- 8-Pin Package

Applications:

- Medical Laser Treatment
- Biotechnology
- Others

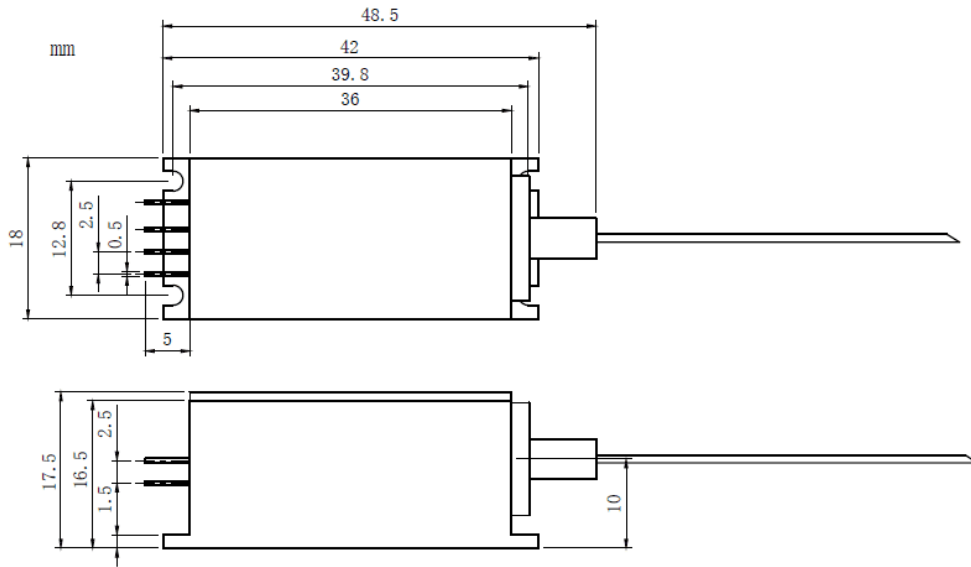

Specifications
WSLX-980-010m-PM-H8-T-PD

	Min.	Type	Max.
Center Wavelength@25°C	±5nm	976nm	±15nm
Spectral Width (FWHM)	----	2nm	----
Output Power	----	10mW	----
Recommended Operating Temperature	25 °C		
Threshold Current (Typ.)	----	15mA	40mA
Operating Current (Typ.)	----	110mA	130mA
Operating Voltage		1.8V	2.5V
Polarization Extinction Ratio	13dB	15dB	
TEC Max Current	1.3A		
TEC Max Voltage	4.0V		
Thermistor	10K		
Fiber Type	Polarization Maintaining Fiber		
Fiber Core	6µm		
Fiber Length	>80cm		
Connector Type	FC/APC		

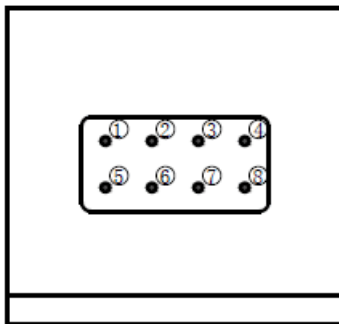
High Polarization Extinction Ratio (PER) Version Laser Module is also available, please contact us.



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 10W@980nm+5W@1064nm)

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

Suggest using the constant current power supply.

