

976nm~980nm 10W Fiber Coupled Laser Diode Module | Built-in TEC Cooler | 9-Pin HHL Package

976nm 10W|9-PIN Package| 105um, 200um, 400um Fiber Core Optional | High Power LD | Built-in PD

WSLX-980-010-M-H9-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 ~ +30	°C
Storage Temperature	T_{stg}	-20 ~ +80	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C

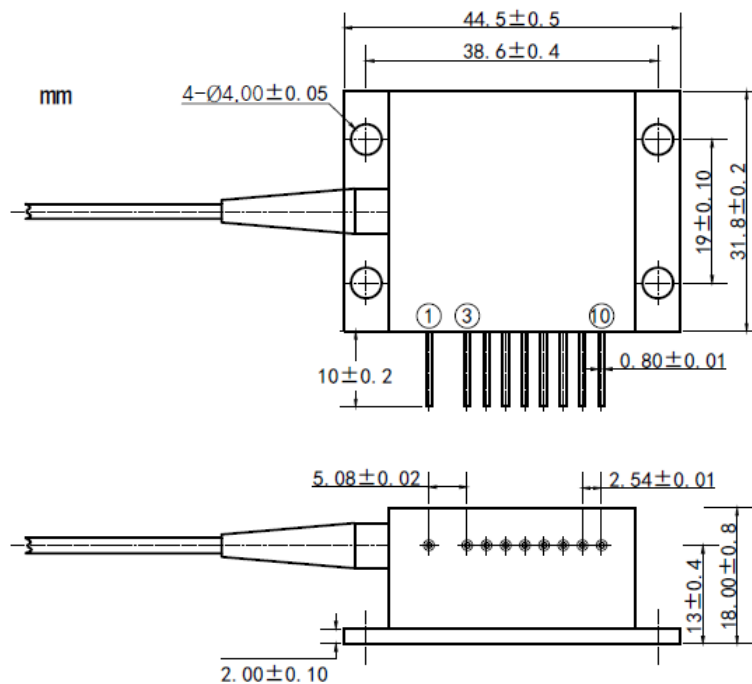
Features: 976nm - Multimode Fiber 9-Pin Package - Built-in TEC Cooler - Built-in Photodiode Applications: - Medical Laser Treatment - Others			
	Specifications		

WSLX-980-010-M-H9-T-PD			
	Min.	Type	Max.
Center Wavelength@25°C	976nm±10nm		
Spectral Width (FWHM)	-----	4nm	-----
Output Power	-----	10W	-----
Temperature Coefficient of Wavelength	-----	0.3nm / °C	-----
Threshold Current (Typ.)	-----	0.7A	1.2A
Operating Current (Typ.)	-----	14.0A	14.5A
Operating Voltage	-----	1.8V	2.3V
Recommended Case Temperature	25°C		
TEC Max. Current	6A		
TEC Max. Voltage	9.8V		
Thermistor	10K		
Fiber Core Diameter	105um (200um, 400um Optional)		
Fiber Length	>80cm		
Connector Type	SMA905 / ST / FC		
Package Style	9-Pin		
Photodiode	Built-in		

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9-Pin Package View:



PIN	FUNCTION
1	TEC (-)
2	-
3	CASE
4	LD (+)
5	THERM
6	THERM
7	LD (-)
8	PD (P)
9	PD (N)
10	TEC (+)

Wavespectrum offer Customized 980nm Fiber Coupled LD.

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional (such as 2W@850nm+10W@976nm)

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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