

**980nm 12W Fiber Coupled Laser Diode Module for Pumping| Infrared LD Module**
**976nm~980nm High Power Pigtailed Diode Laser Module |2-Pin Package| 105um 200um 400um Fiber Core**
**WSLX-980-012-H**
**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:**

- 980nm
- 12W Output Power
- 2-Pin Package
- Long lifetime

**Applications:**

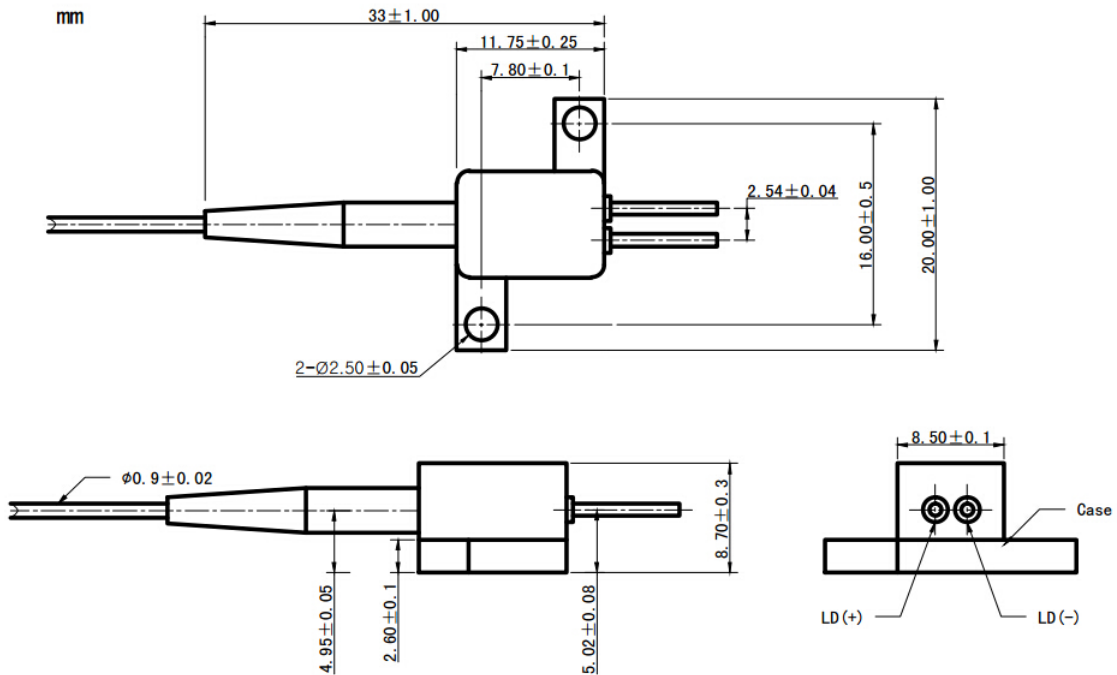
- Medical Laser Treatment
- Pumping
- Others


**Specifications**
**WSLX-980-012-H**

	Min	Type	Max
Center Wavelength@25°C	±3nm	976nm	±10nm
Spectral Width (FWHM)	----	4nm	----
Output Power	----	12W	----
Temperature Coefficient of Wavelength	----	0.3nm / °C	----
Threshold Current (Typ.)	----	1.2A	
Operating Current (Typ.)	----	15.0A	
Operating Voltage	----	1.9V	
Slope Efficiency		0.9W/A	
Fiber Core Diameter	105um (200um 400um Optional)		
Fiber Numerical Aperture	0.22		
Fiber Length	100cm		
Connector Type	FC (SMA905 Optional)		
Package Style	2-Pin		
Recommend Operating Temperature	25°C		



## 2-Pin Package View



Wavespectrum offer **Customized 980nm Fiber Coupled LD.**

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional (such as 12w@990nm+350mw@635nm)

Contact us with [info@wavespectrum-laser.com](mailto: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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