

930nm~940nm~950nm 12W Fiber Coupled Laser Diode Module| Infrared LD Module

940nm High Power Pigtailed Diode Laser Module |2-Pin Package| 105um 200um 400um Fiber Core

WSLX-940-012-M-H2

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:

- 940nm
- 12W Output Power
- 2-Pin Package
- Long lifetime

Applications:

- Medical Laser Treatment
- Pumping
- Others



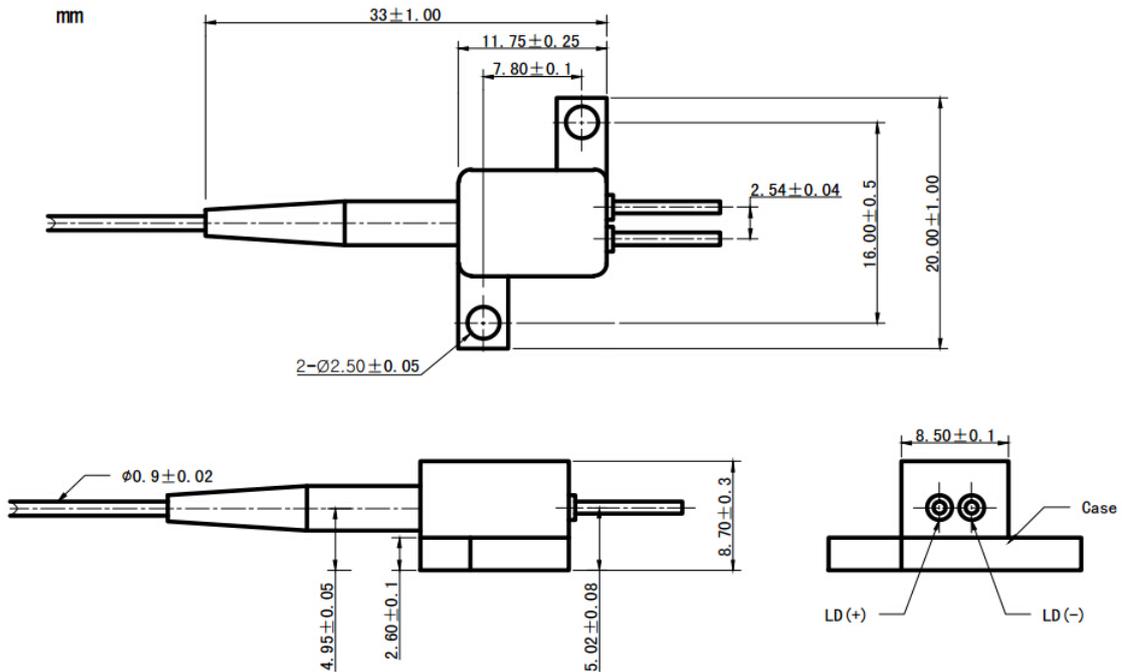
Specifications

WSLX-940-012-M-H2

	Min	Type	Max
Center Wavelength@25°C	±5nm	940nm	±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		
Recommended Operating Temperature	25°C		



2-Pin Package View



Wavespectrum offer **Customized 940nm Fiber Coupled LD.**

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional (such as 12w@940nm+350mw@635nm)

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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