

930nm~940nm 10W Fiber Coupled Laser Diode Module | Medical Cure
940nm 10W Pigtailed Diode Laser | 2-Pin Package| 105um 200um Fiber optional | High Power LD
WSLX-940-010-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
- 10W Output Power
- 2-Pin Package
- Long Lifetime
- High Stability

Applications:

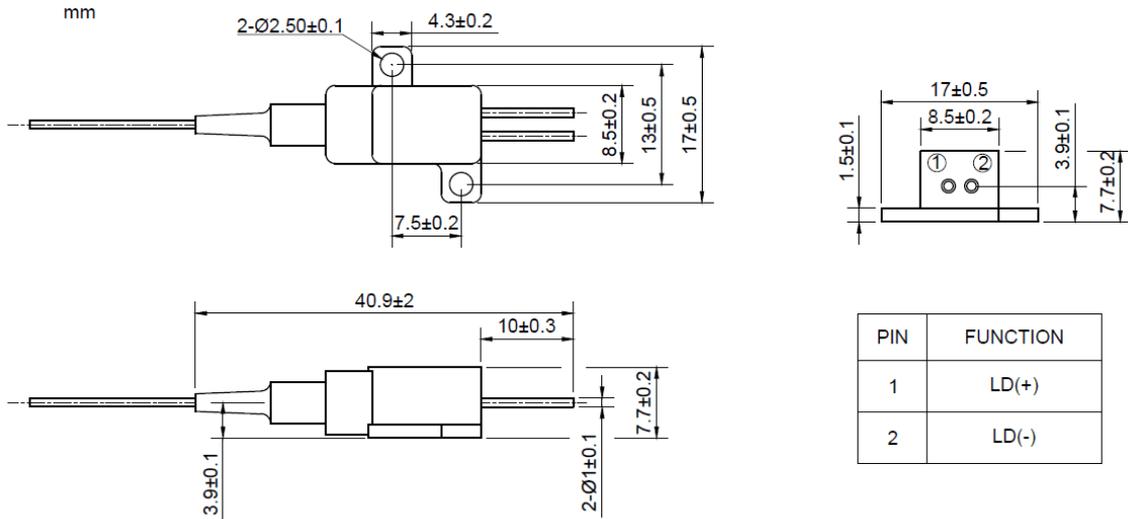
- Medical Laser Treatment
- Night Vision
- Others


Specifications
WSLX-940-010-M-H2

	Min	Type	Max
Center Wavelength@25°C	940nm ± 10nm		
Output Power	----	10W	----
Spectral Width (FWHM)	----	4nm	----
Recommended Case Temperature	25°C		
Temperature Coefficient of Wavelength		0.3nm / °C	
Threshold Current (Typ.)		0.5A	1.0A
Operating Current (Typ.)		11.5A	12.5A
Operating Voltage		1.8V	2.3V
Fiber Core Diameter	105um (200um optional)		
Fiber Numerical Aperture	0.22 N.A.		
Fiber Length	>80cm		
Connector Type	SMA905/ST/FC/SC		
Package Style	2-Pin		



2-Pin Package View



Electrically shorten LD module and store in non-extreme conditions.
Suggest using the constant current power supply.

