

830nm 1W Fiber Coupled Laser Diode Module For CTP Application

830nm| 2-Pin Package| 50um, 60um Fiber | High Power LD

WSLX-830-001-H

Wavespectrum Laser Group

www.wavespectrum-laser.com

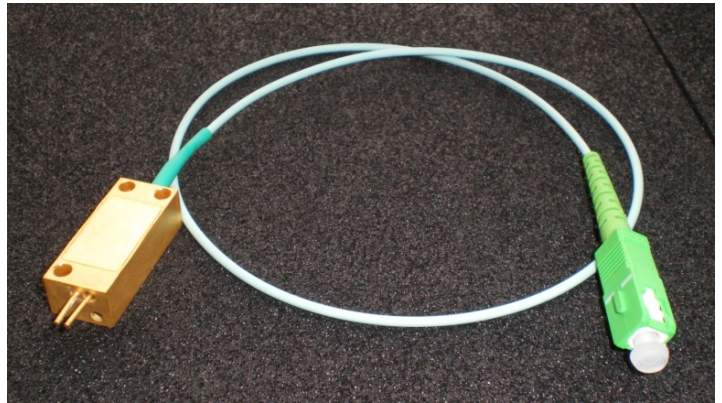
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	-10 ~ +30	°C
Storage Temperature	T_{stg}	-40 ~ +80	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C

Features:

- 830 nm
- 50um or 60um Fiber Core
- 2-pin Package
- Long Lifetime
- High Stability

Applications:

- Printing
- Medical laser treatment
- Others



Specifications

WSLX-830-001-H

Center Wavelength@25°C	±3nm	830nm	±10nm
Spectral Width (FWHM)	----	1nm	2.5nm
Output Power	----	1W	----
Temperature Coefficient of Wavelength	0.3nm / °C		
Threshold Current (Typ.)	180mA		
Operating Current (Typ.)	1.5A		
Operating Voltage	2.0V		
Recommended Case Temperature	25°C		
Fiber Core Diameter	50um (60um Optional)		
Fiber Numerical Aperture	0.12 or 0.22 N.A. Optional		
Fiber Length	50cm		
Connector Type	SMA905 / ST / FC / SC		
Package Style	2-pin		
Photodiodes	Optional		



