

830nm 2W 50um Fiber Coupled Laser Diode with 14-PIN Butterfly Package | Built-in PD

830nm | 14-Pin (BTF) Package | TEC Cooling | 50um Fiber Core | High Power LD

WSLX-830-002-50M-H14-T-PD

Wavespectrum Laser Group

en.wavespectrum-laser.com.cn

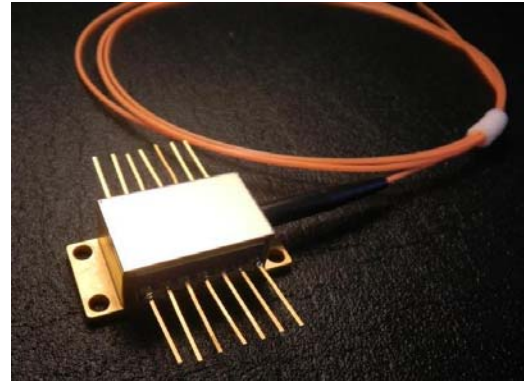
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	+10 ~ +30	°C
Storage Temperature	T_{stg}	-20 ~ +80	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C

Features:

- 830nm
- 14-Pin HHL Package
- Built-in TEC Cooler
- Built-in Photodiode

Applications:

- Medical Laser Treatment
- Pumping
- Others



Specifications

WSLX-830-002-50M-H14-T-PD

	Min	Type	Max
Center Wavelength@25°C	820nm	830nm	840nm
Spectral Width (FWHM)		3nm	
Output Power		2W	
Temperature Coefficient of Wavelength		0.3nm / °C	
Threshold Current (Typ.)	0.3A		
Operating Current (Typ.)	3.2A		
Operating Voltage	2.0V		
Recommended Case Temperature	25°C		
TEC Max. Current	2A		
TEC Max. Voltage	8V		
Thermistor	10K		
Fiber Core Diameter	50um		
Fiber Numerical Aperture	0.22		
Package	14-Pin-01		
Fiber Length	>80cm		
Connector Type	FC (SMA905 Optional)		

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