

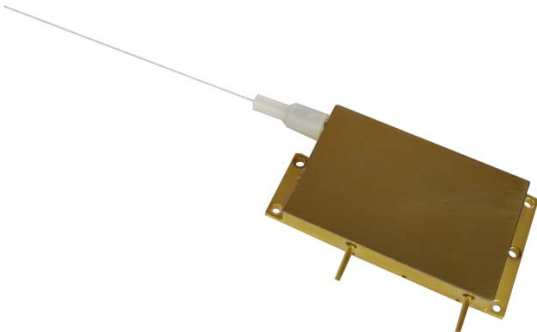
808nm~810nm 50W Fiber Coupled LD With 200um Multi-mode Fiber | TEC Cooling Optional | PD Optional

808nm | T13 Package | 200um Fiber Core | High Power Laser Diode

WSLX-808-050-200M-T13

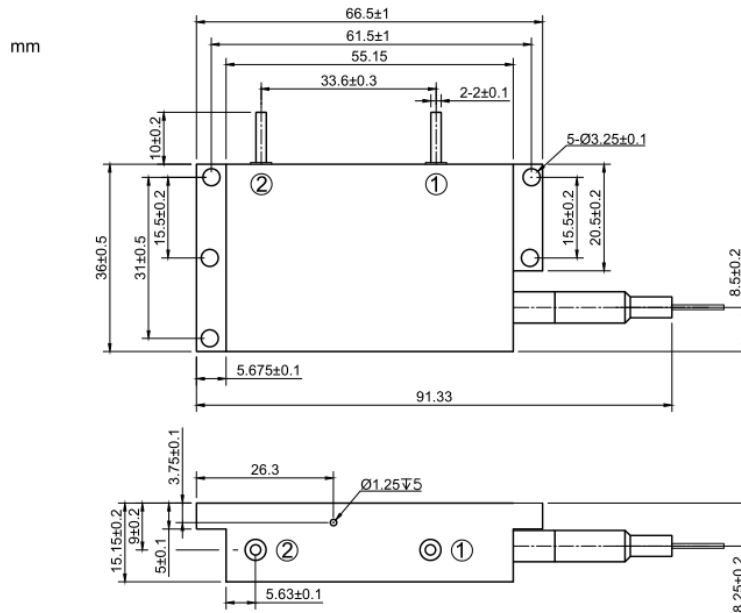
Wavespectrum Laser Group.

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: 808nm - T13 Package - Long lifetime				
Applications: - Medical Laser Treatment - Night Vision - Others				
Specifications		WSLX-808-050-200M-T13		
		Min	Type	Max
Center Wavelength@25℃		808nm±10nm		
Spectral Width (FWHM)		----	5nm	----
Output Power		45W	50W	----
Temperature Coefficient of Wavelength		0.3nm / °C		
Threshold Current (Typ.)		----	0.5A	1.5A
Operating Current (Typ.)		----	10.0A	12.0A
Operating Voltage		----	10.8V	12.6V
Recommended Case Temperature		25℃		
Fiber Core		200um		
Numerical aperture		0.22		
Fiber Length		>80cm		
Connector Type		SMA905 / ST / FC		
Package Style		T13		



T13 Package View:



PIN	FUNCTION
1	LD(+)
2	LD(-)

Wavespectrum offer Customized 808nm Fiber Coupled LD.

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional
(such as 2W@808nm+2W@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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