

685nm 800mW Fiber Coupled Laser Diode Module with 105um Multi-mode Fiber| Infrared LD Module

680nm~695nm 800mW Pigtailed Diode Laser Module |2-Pin Package| 105um Fiber Core

WSLX-685-800m-M-H2

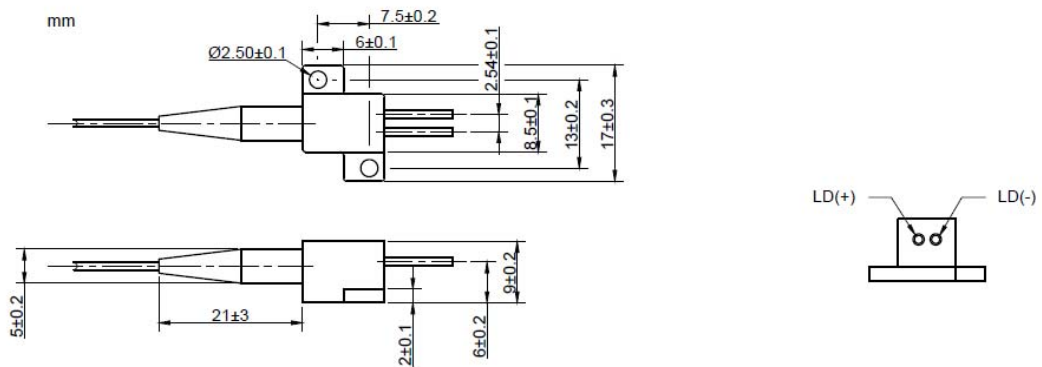
Wavespectrum Laser Group

en.wavespectrum-laser.com.cn

PARAMETER	SYMBOL	VALUE		UNIT
MAX 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: 685nm 105um Fiber Core 2-Pin Package - Long lifetime Applications: - Medical Laser Treatment - Pumping - Others				
Specifications		WSLX-685-800m-M-H2		
		Min	Type	Max
Center Wavelength@25°C		685nm±10nm		
Spectral Width (FWHM)		----	2nm	----
Output Power		700mW	800mW	----
Temperature Coefficient of Wavelength		0.2nm / °C		
Threshold Current (Typ.)		0.4A		
Operating Current (Typ.)		1.1A		
Operating Voltage		2.4V		
Slope Efficiency		1.0W / A		
Fiber Core Diameter		105um		
Fiber Numerical Aperture		0.22		
Fiber Length		>80cm		
Connector Type		FC (SMA905 Optional)		
Package Style		2-Pin-02		
Recommend Operating Temperature		25°C		



2-Pin-02 Package View



Wavespectrum offer **Customized 685nm Fiber Coupled LD.**

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional (such as 12w@808nm + 2w@685nm)

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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