

645nm 1.8W High Power Fiber Coupled Laser Diode Module With 200um or 400um multi-mode Fiber

640nm~645nm Pigtailed Diode Laser Module | High Power Red LD Module

WSLP-645-1800m-200M

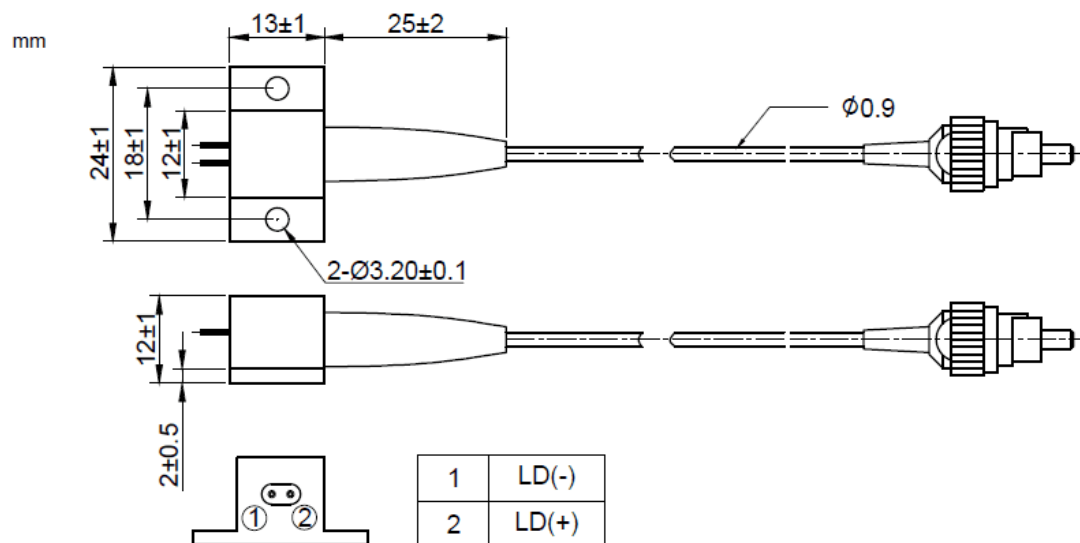
Wavespectrum Laser Group

en.wavespectrum-laser.com.cn

PARAMETER	SYMBOL	VALUE	UNIT	
MAX Reverse Voltage	V _r	2.0	V	
Operating Temperature	T _{op}	0 ~ +50	°C	
Storage Temperature	T _{stg}	-40 ~ +85	°C	
Lead soldering temperature (10 sec.)	T _{is}	260	°C	
Features: 645nm 1.8W Output Power - Compact Size - Built-in PD Optional				
Applications: - Medical Laser Treatment - Laser Show - Others				
Specifications		WSLP-645-1800m-200M		
		Min	Type	Max
Center Wavelength@25°C		645nm±10nm		
Spectral Width (FWHM)		----	2.0nm	----
Temperature Coefficient of Wavelength		----	0.2nm / °C	----
Output Power		1.5W	1.8W	----
Recommended Case Temperature		25°C		
Threshold Current (Typ.)		----	0.5A	0.8A
Operating Current (Typ.)		----	2.5A	2.8A
Operating Voltage		----	2.4V	2.8V
Fiber Core Diameter		200um (400um Optional)		
Fiber Numerical Aperture		0.22		
Fiber Length		>80cm		
Connector Type		FC(SMA905 Optional)		
Package Style		B7 Package		



B7 Package View:



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

