

635nm 1.8W High Power Fiber Coupled Laser Diode Module With 200um or 400um multi-mode Fiber

635nm~638nm Pigtailed Diode Laser Module | High Power Red LD Module

WSLP-635-1800m-200M

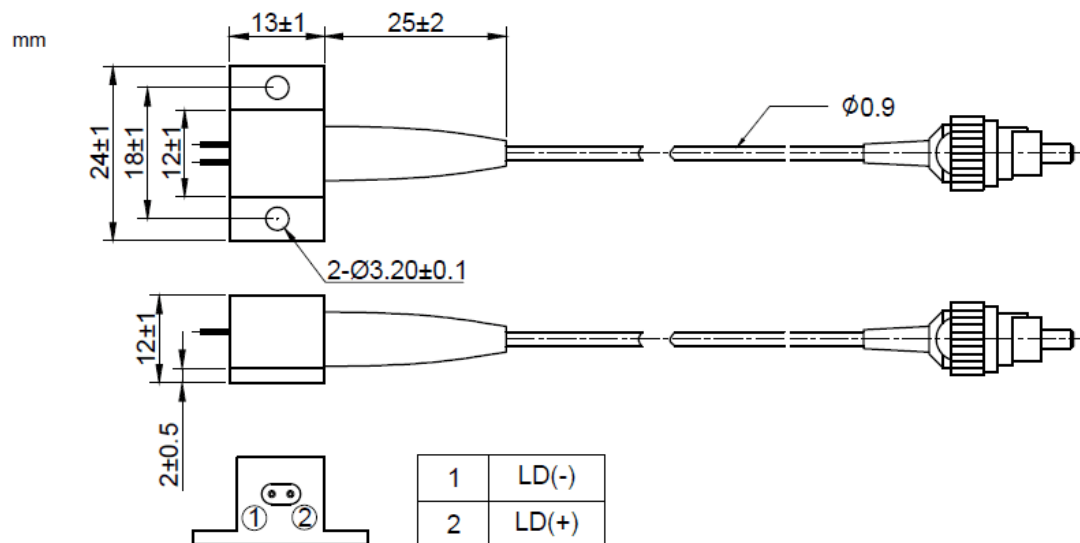
Wavespectrum Laser Group

www.wavespectrum-laser.com

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:			
638nm 1.8W Output Power - Compact Size - Built-in PD Optional			
Applications:			
- Medical Laser Treatment - Laser Show - Others			
Specifications		WSLP-635-1800m-200M	
	Min	Type	Max
Center Wavelength@25℃	630nm	638nm	645nm
Spectral Width (FWHM)	----	2.0nm	----
Temperature Coefficient of Wavelength	----	0.2nm / °C	----
Output Power	----	1.8W	----
Recommended Case Temperature	25℃		
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)		
N.A.	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.

