

520nm~525nm 1W Fiber Coupled Diode Laser Module| Green Laser Diode

515nm~520nm 1000mW Pigtailed Laser Diode| With 50um Multi-mode Fiber |PD Optional

WSLP-520-001-50M

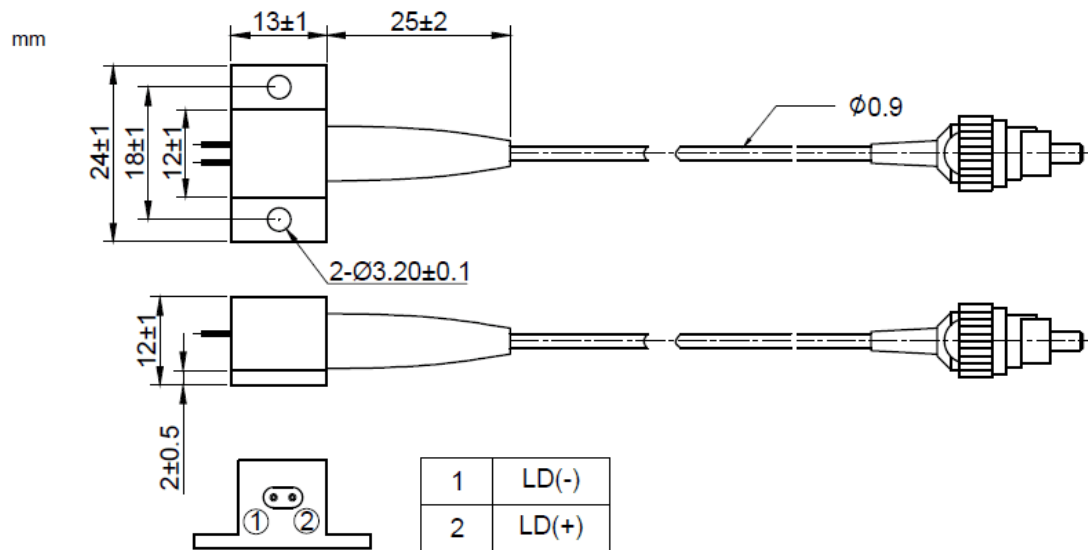
Wavespectrum Laser Group

www.wavespectrum-laser.com

520nm Pigtailed Diode Laser		1W/MM Fiber	Wavespectrum Laser Group	
PARAMETER	SYMBOL	VALUE		UNIT
MAX Reverse Current	I _r	80		mA
Operating Temperature	T _{op}	0 ~ +60		°C
Storage Temperature	T _{stg}	-40 ~ +85		°C
Lead soldering temperature (10 sec.)	T _{is}	260		°C
Features: 520nm 50um Multi-mode Fiber TEC Cooling Optional Photodiodes Optional				
Applications: Medical Laser Treatment Laser Show Others				
Specifications	WSLP-520-001-50M			
	Min	Type	Max	
Center Wavelength@25°C	510nm	520nm	535nm	
Spectral Width (FWHM)	----	3.0nm	----	
Output Power	----	1W	----	
Recommended Operating Temperature	25°C			
Threshold Current (Typ.)	----	0.2A	0.6A	
Operating Current (Typ.)	----	2.1A	2.3A	
Operating Voltage	----	5.0V	6.0V	
Fiber Core	50um			
Numerical Aperture	0.22			
Fiber Length	>80cm			
Fiber Connector	FC/ST/SMA905			
Package Style	B7			
Built-in Photodiode	Optional			
Built-in TEC Cooling	Optional			



B7 Package View:



Electrically shorten LD module and store in non-extreme conditions.

Suggest using the constant current power supply.

