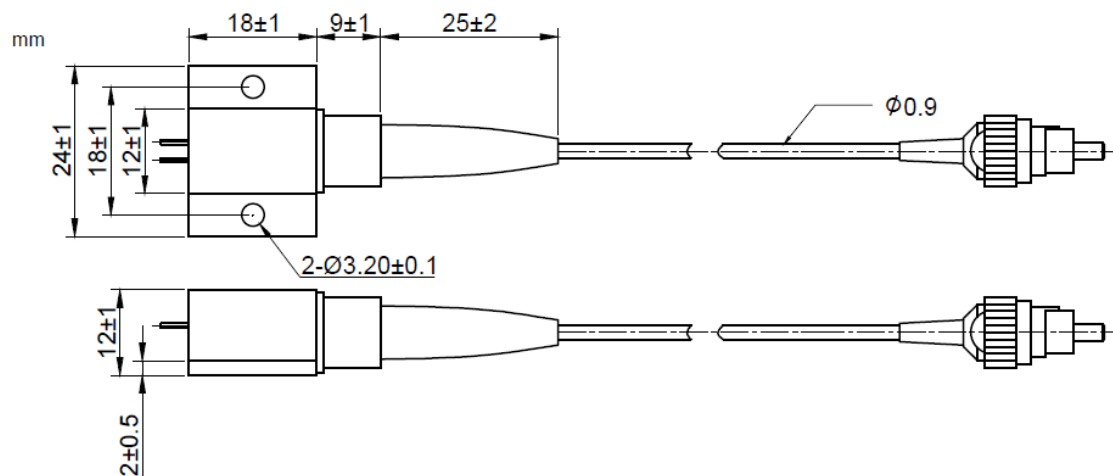


450nm 4W Fiber Coupled Diode Laser Module| TEC Cooling Optional | Blue Laser Diode
445nm~450nm 4W Pigtailed Laser Diode| 200um, 400um MM Fiber| Built-in PD Optional
WSLP-445-004-200M **Wavespectrum Laser Group** **www.wavespectrum-laser.com**

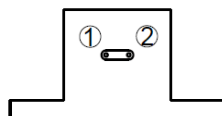
445nm Pigtailed Diode Laser		4W/MM Fiber		en.wavespectrum-laser.com.cn	
PARAMETER		SYMBOL	VALUE		UNIT
MAX Reverse Current		V _r	80		mA
Operating Temperature		T _{op}	0 ~ +60		°C
Storage Temperature		T _{stg}	-40 ~ +85		°C
Lead soldering temperature (10 sec.)		T _{is}	260		°C
Features: 450nm B9 Package TEC Cooling Optional Photodiodes Optional					
Applications: Medical Laser Treatment Laser Show Others					
Specifications		WSLP-445-004-200M			
		Min	Type	Max	
Center Wavelength@25°C		450nm±15nm			
Spectral Width (FWHM)		----	3.0nm	----	
Output Power		----	4W	----	
Fiber Type		Multi-mode Fiber			
Fiber Core		200um (400um Optional)			
Recommended Operating Temperature		25°C			
Fiber Connector		FC/ST/SMA905			
Fiber Length		>80cm			
Threshold Current (Typ.)		----	0.2A	0.6A	
Operating Current (Typ.)		----	3.2A	3.5A	
Operating Voltage		----	4.5V	5.5V	
Package Style		B9			
Built-in Photodiode		Optional			
Built-in TEC Cooling		Optional			



B9 Package View:



PIN Bottom View:



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

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

