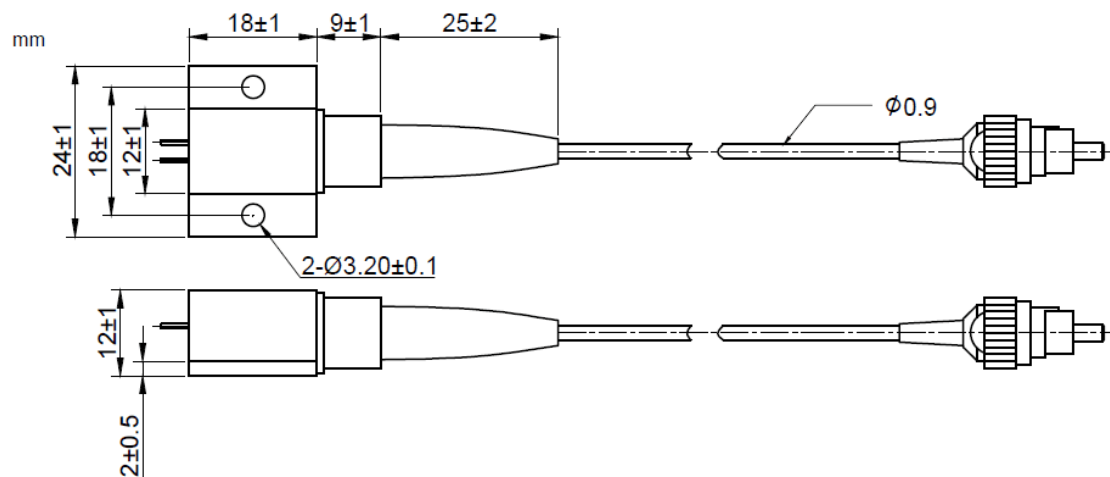


450nm 3.5W~4W Fiber Coupled LD| TEC Cooling Optional| Blue Laser Diode| Coaxial Package
445nm~450nm Pigtailed Laser Diode| 105um 200um MM Fiber| Built-in PD Optional
WSLP-445-3500m-M **Wavespectrum Laser Group** **www.wavespectrum-laser.com**

445nm Pigtailed Diode Laser		3.5W/MM Fiber	Wavespectrum Laser Group	
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: ● 445nm ● B9 Package ● TEC Cooling Optional ● Photodiodes Optional				
Applications: ● Medical Laser Treatment ● Laser Show ● Others				
Specifications	WSLP-445-3500m-M			
	Min	Type	Max	
Center Wavelength@25℃	±5nm	450nm	±15nm	
Spectral Width (FWHM)	----	3.0nm	----	
Output Power	----	3.5W	----	
Fiber Type	Multi-mode Fiber			
Fiber Core	105um (200um Optional)			
Recommended Operating Temperature	25℃			
Fiber Connector	FC/ST/SMA905			
Fiber Length	----	80cm	----	
Threshold Current (Typ.)	----	0.2A	0.5A	
Operating Current (Typ.)	----	3.0A	3.3A	
Operating Voltage	----	4.5V	5.5V	
Package Style	B9			
Built-in Photodiode	Optional			
Built-in TEC Cooling	Optional			



B9 Package View:



PIN Bottom View:



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

Suggest using the constant current power supply.

