
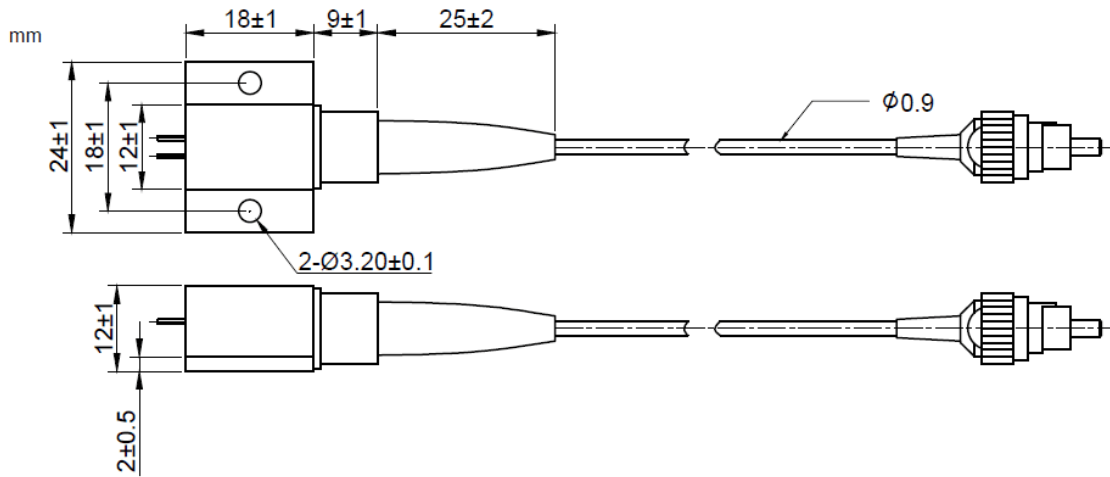


450nm 3.5W Fiber Coupled Diode Laser Module | TEC Cooling Optional | Blue Laser Diode
445nm~450nm Pigtailed Laser Diode | 105um, 200um, 400um MM Fiber | Built-in PD Optional
WSLP-445-3500m-M **Wavespectrum Laser Group** **www.wavespectrum-laser.com**

445nm Pigtailed Diode Laser		3.5W/MM Fiber		www.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: <ul style="list-style-type: none"> ● 445nm ● B9 Package ● TEC Cooling Optional ● Photodiodes Optional 					
Applications: <ul style="list-style-type: none"> ● Medical Laser Treatment ● Laser Show ● Others 					
Specifications		WSLP-445-3500m-M			
		Min	Type	Max	
Center Wavelength@25°C		±5nm	450nm	±15nm	
Spectral Width (FWHM)		----	3.0nm	----	
Output Power		----	3.5W	----	
Fiber Type	Multi-mode Fiber				
Fiber Core	200um (105um, 400um Optional)				
Recommended Operating Temperature	25°C				
Fiber Connector	FC/ST/SMA905				
Fiber Length		----	80cm	----	
Threshold Current (Typ.)		----	0.3A	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.

