

808nm~810nm 50mW SM Coaxial Pigtailed Laser Diode with PMF | Built-in Photodiode

808nm 50mW SM Fiber Coupled LD with Polarization Maintaining Fiber (PM Fiber) | With PD

WSLP-808-050m-PM-PD

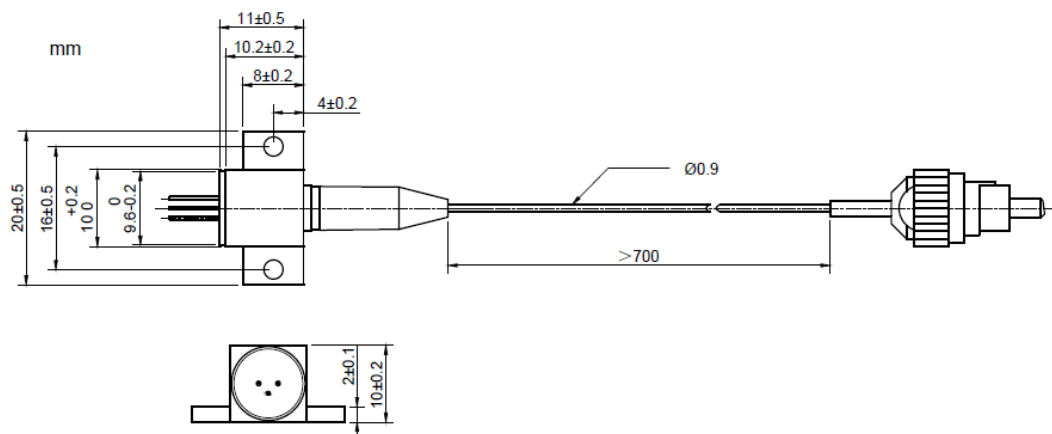
Wavespectrum Laser Group

www.wavespectrum-laser.com

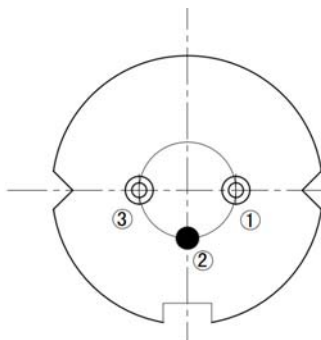
808nm Pigtailed Diode Laser		50mW/PM Fiber	Wavespectrum Laser Group	
PARAMETER	SYMBOL	VALUE		UNIT
Reverse Voltage	V _r	2.0		V
Operating Temperature	T _{op}	-10 ~ +50		°C
Storage Temperature	T _{stg}	-40 ~ +85		°C
Lead soldering temperature (10 sec.)	T _{is}	260		°C
Features: 808nm - With PM Fiber - B15 Package - Built-in PD				
Applications: - Medical Laser Treatment - Others				
Specifications		WSLP-808-050m-PM-PD		
	Min	Type	Max	
Center Wavelength@25℃	±5nm	808nm	±10nm	
Recommended Operating Temperature	25℃			
Output Power	----	50mW	----	
Fiber Type	Polarization Maintaining Fiber			
Fiber Core	5um			
Polarization Extinction Ratio	13dB	15dB	----	
Monitor Current	----	0.1mA	----	
Fiber Connector	FC / APC			
Fiber Length	----	80cm	100cm	
Threshold Current (Typ.)	----	30mA	70mA	
Operating Current (Typ.)	----	160mA	180mA	
Operating Voltage	----	2.3V	2.8V	
Package Style	B15			
High Polarization Extinction Ratio (PER) Version Laser Module is also available, please contact us.				



B15 Package View:



PIN Bottom View:



1	LD(-)
2	LD(+) & PD(-)
3	PD(+)

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

