

405nm 2mW~5mW Coaxial Pigtailed Laser Diode with 9um~10um UV Fiber | Built-in PD

405nm 2mW Fiber Coupled LD with 10um SM Fiber | Violet Laser Module with Photodiode


WSLP-405-002m-10-PD

Wavespectrum Laser Group

www.wavespectrum-laser.com

405nm Pigtailed Diode Laser	2mW/10um	en.wavespectrum-laser.com.cn
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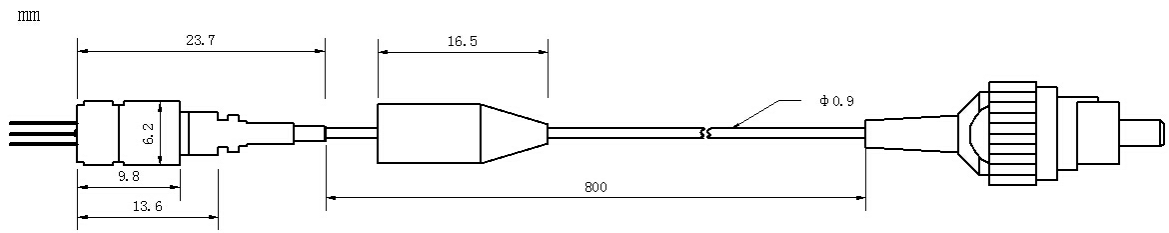
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	0~+75	°C
Storage Temperature	T_{stg}	-40~+85	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C

Features: <ul style="list-style-type: none"> 405nm 10um UV Fiber Coaxial Package Built-in Photodiode 	
Applications: <ul style="list-style-type: none"> Medical laser treatment Printing Others 	

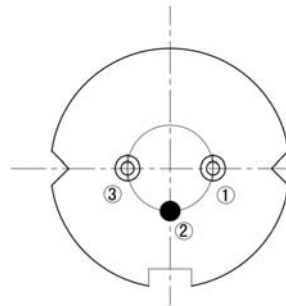
Specifications	WSLP-405-002m-10-PD		
	Min	Type	Max
Center Wavelength@25°C	±3nm	405nm	±10nm
Spectral Width (FWHM)	----	2.0nm	----
Output Power	----	2mW	----
Fiber Type	10um UV Fiber		
Recommend Operating Temperature	25°C		
Monitor Current	----	0.2mA	----
PD Reverse Voltage	----	30V	----
Fiber Connector	FC/SC/SMA905		
Fiber Length	----	80cm	100cm
Threshold Current (Typ.)	----	26mA	50mA
Operating Current (Typ.)	----	45mA	60mA
Operating Voltage	----	4.8V	5.6V
Package Style	Coaxial		
PD	Built-in		



Coaxial 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.

