
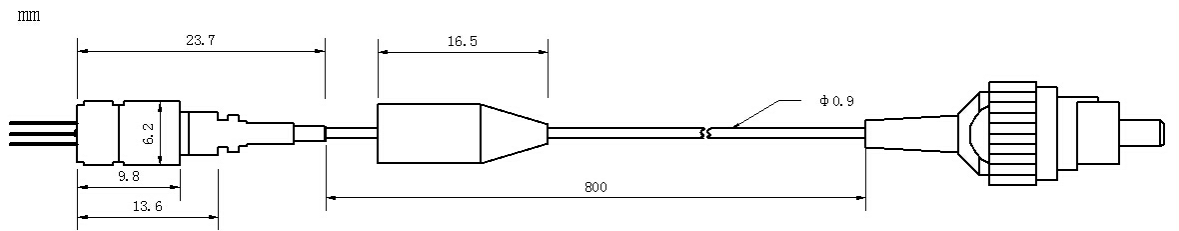


405nm 40mW~50mW Coaxial Fiber Coupled Laser Diode with 10um UV Fiber
405nm~410nm 50mW Pigtailed Violet LD with 10um UV Fiber| Built-in PD optional
WSLP-405-050m-10 **Wavespectrum Laser Group** **www.wavespectrum-laser.com**

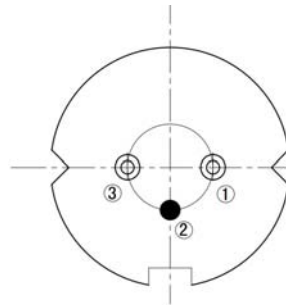
405nm Pigtailed Diode Laser		50mW/10um Fiber		Wavespectrum Laser Group	
PARAMETER	SYMBOL	VALUE	UNIT		
Reverse Voltage	V_r	2.0		V	
Operating Temperature	T_{op}	0~+70		°C	
Storage Temperature	T_{stg}	-40~+85		°C	
Lead soldering temperature (10 sec.)	T_{is}	260		°C	
Features: <ul style="list-style-type: none"> ● 405nm ● 10um UV Fiber ● Coaxial Package ● TEC Cooler Optional 					
Applications: <ul style="list-style-type: none"> ● Medical laser treatment ● Others 					
Specifications	WSLP-405-050m-10				
	Min	Type	Max		
Center Wavelength@25°C	400nm	405nm	410nm		
Spectral Width (FWHM)	----	2.0nm	----		
Output Power	40mW	50mW	----		
Fiber Type	10um UV Fiber				
Fiber Numerical Aperture	0.12				
Recommend Operating Temperature	25°C				
Fiber Connector	FC/SC/SMA905				
Fiber Length	----	80cm	100cm		
Threshold Current (Typ.)	----	35mA	55mA		
Operating Current (Typ.)	----	140mA	160mA		
Operating Voltage	----	4.6V	5.5V		
Package Style	Coaxial				



Coaxial Package View



PIN Bottom View:



1	LD(+)
2	GND
3	LD(-)

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

