


520nm 5mw~10mW SM Coaxial Fiber Coupled Laser Diode with SMF | Green LD Module
515nm~520nm~530nm SM Pigtailed LD with Single Mode Fiber (SM Fiber)

WSLP-520-005m-4

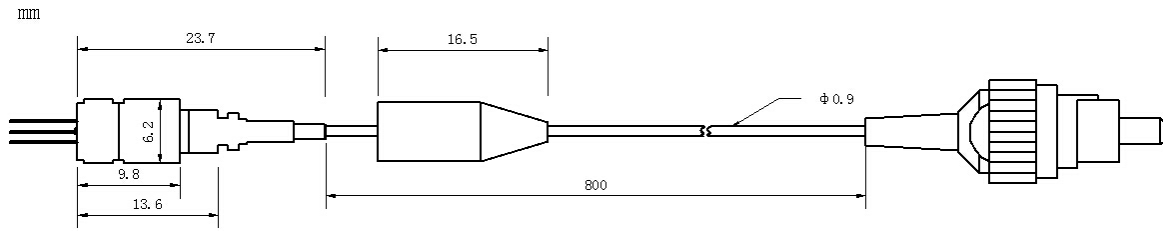
Wavespectrum Laser Group

www.wavespectrum-laser.com

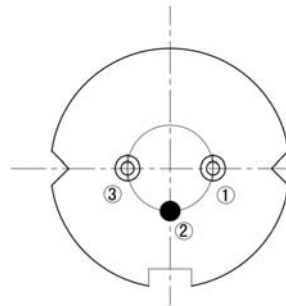
520nm Pigtailed Diode Laser		5mW/SM Fiber		Wavespectrum Laser Group	
PARAMETER	SYMBOL	VALUE	UNIT		
Reverse Voltage	V_r	2.0	V		
Operating Temperature	T_{op}	-10~+60	°C		
Storage Temperature	T_{stg}	-40 ~ +85	°C		
Lead soldering temperature (10 sec.)	T_{is}	260	°C		
Features: <ul style="list-style-type: none"> 520nm Green Diode Laser 3um SM Fiber Coaxial package 					
Applications: <ul style="list-style-type: none"> Medical laser treatment Others 					
Specifications	WSLP-520-005m-4				
	Min	Type	Max		
Center Wavelength@25°C	+/-5nm	520nm	+/-10nm		
Spectral Width (FWHM)	----	2.0nm	----		
Output Power	----	5mW	----		
Fiber Type	Single Mode Fiber				
Fiber Core	3um				
Recommend Operating Temperature	25°C				
Fiber Connector	FC				
Fiber Length	----	80cm	100cm		
Threshold Current (Typ.)	----	50mA	80mA		
Operating Current (Typ.)	----	160mA	180mA		
Operating Voltage	----	7.5V	8.0V		
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.

