
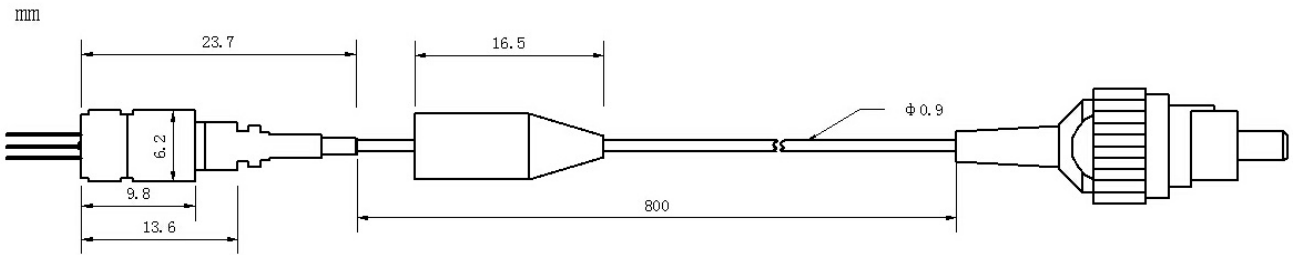


445nm-450nm 20mw Coaxial Pigtailed Laser Diode with SMF | Blue Laser Module
445nm | Blue Laser Diode | SM Fiber Coupled LD | 3um Single Mode Fiber (SM Fiber)
 WSLP-445-020m-4 Wavespectrum Laser Group www.wavespectrum-laser.com

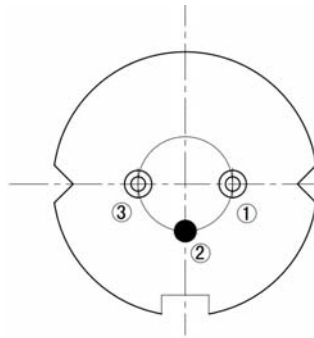
445nm Pigtailed Diode Laser 20mw		Wavespectrum Laser Group	
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	+10 ~ +70	°C
Storage Temperature	T_{stg}	-40 ~ +85	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C
Features: <ul style="list-style-type: none"> ● 445nm ● UV 3um SM Fiber ● Coaxial Package 			
Applications: <ul style="list-style-type: none"> ● Medical Laser Treatment ● Printing ● Others 			
Specifications	WSLP-445-020m-4		
	Min	Type	Max
Center Wavelength@25°C	440nm	445nm	460nm
Spectral Width (FWHM)	----	2.0nm	----
Output Power	----	20mW	----
Fiber Core	3um		
Recommend Operating Temperature	25°C		
Monitor Current	----	----	----
PD Reverse Voltage	----	----	----
Fiber Connector	FC		
Fiber Length	----	80cm	100cm
Threshold Current (Typ.)	----	35mA	55mA
Operating Current (Typ.)	----	140mA	160mA
Operating Voltage	----	5.8V	6.5V
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.

