
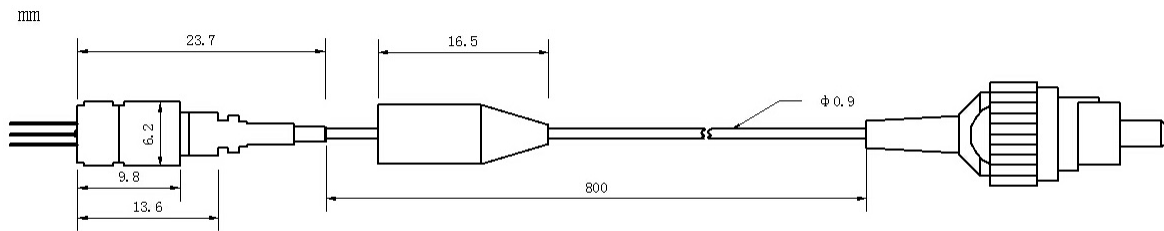


450nm 500mW~600mW Fiber Coupled LD with Coaxial Package| Blue Laser Diode
445nm~450nm 500mW Pigtailed Laser Diode| 50um 60um 105um MM Fiber| PD Optional
WSLP-445-500m-M Wavespectrum Laser Group www.wavespectrum-laser.com

445nm Pigtailed Diode Laser		500mW/MM Fiber		Wavespectrum Laser Group	
PARAMETER	SYMBOL	VALUE	UNIT		
Reverse Voltage	V_r	5.0	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"> 445nm Coaxial Package TEC Cooling Optional 					
Applications: <ul style="list-style-type: none"> Medical laser treatment Printing Others 					
Specifications	WSLP-445-500m-M				
	Min	Type	Max		
Center Wavelength@25°C	440nm	445nm	460nm		
Spectral Width (FWHM)	----	3.0nm	----		
Output Power	----	500mW	----		
Fiber Type	MM Fiber				
Fiber Core	105um				
Recommended Operating Temperature	25°C				
Fiber Connector	FC/ST/SMA905				
Fiber Length	----	80cm	100cm		
Threshold Current (Typ.)	----	250mA	600mA		
Operating Current (Typ.)	----	1.2A	1.5A		
Operating Voltage	----	5.5V	6.5V		
Package Style	Coaxial				
Built-in TE Cooling	Optional				

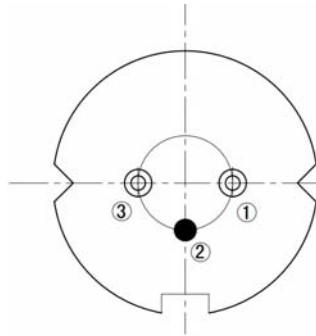


Package View



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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.



More information please contact us:

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