
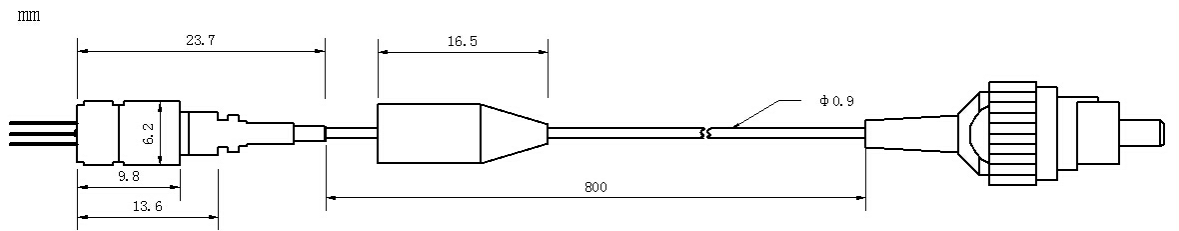


850nm 100mW~120mW Coaxial Fiber coupled Laser Diode| Built-in PD
840nm~850nm |120mw Pigtailed Diode Laser Module |60um 105um MM Fiber
WSLP-850-120m-M-PD Wavespectrum laser Group www.wavespectrum-laser.com

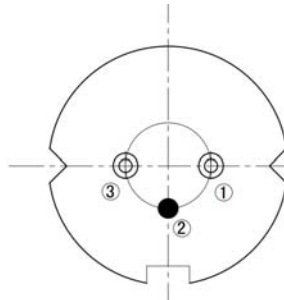
850nm Pigtailed Diode Laser		120mW/MM Fiber		Wavespectrum Laser Group	
PARAMETER	SYMBOL	VALUE	UNIT		
Reverse Voltage	V_r	2.0	V		
Operating Temperature	T_{op}	-10~+40	°C		
Storage Temperature	T_{stg}	-40 ~ +85	°C		
Lead soldering temperature (10 sec.)	T_{is}	260	°C		
Features: <ul style="list-style-type: none"> ● 850nm ● MM Fiber ● Coaxial package ● Built-in PD 					
Applications: <ul style="list-style-type: none"> ● Medical laser treatment ● Printing 					
Specifications		WSLP-850-120m-M-PD			
	Min	Type	Max		
Center Wavelength@25°C	840nm	850nm	860nm		
Spectral Width (FWHM)	----	2.0nm	----		
Output Power	----	120mW	----		
Fiber Core	105um				
Recommended Operating Temperature	25°C				
Monitor Current	----	1mA	----		
PD Reverse Voltage	----	30V	----		
Fiber Connector	FC/SC/SMA905				
Fiber Length	----	80cm	100cm		
Threshold Current (Typ.)	----	100mA	130mA		
Operating Current (Typ.)	----	400mA	450mA		
Operating Voltage	----	1.8V	2.3V		
Package Style	Coaxial				



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.

