
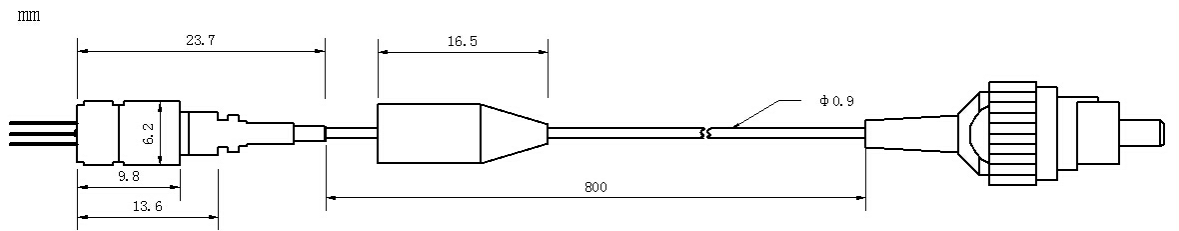


850nm 50mW Coaxial Fiber coupled Laser Diode Module| LD with MMF| Built-in Photodiode
840nm~850nm 50mW Pigtailed LD| Built-in PD|50um 62.5um 105um MM Fiber | With PD
WSLP-850-050m-M-PD **Wavespectrum Laser Group** **www.wavespectrum-laser.com**

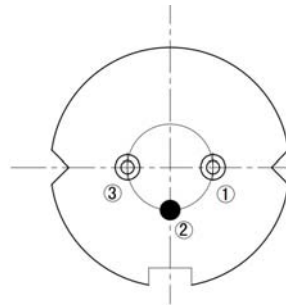
850nm Pigtailed Diode Laser		Wavespectrum Laser Group	
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	-10~+50	°C
Storage Temperature	T_{stg}	-40~+85	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C
Features: <ul style="list-style-type: none"> ● 850nm ● MM Fiber ● Coaxial Package ● Built-in PD 			
Applications: <ul style="list-style-type: none"> ● Medical Laser Treatment ● Others 			
Specifications	WSLP-850-050m-M-PD		
	Min	Type	Max
Center Wavelength@25°C	840nm	850nm	860nm
Spectral Width (FWHM)	----	2.0nm	----
Output Power	----	50mW	----
Fiber Core	62.5um (50um, 105um Optional)		
Recommended Operating Temperature	25°C		
Monitor Current	----	1mA	----
PD Reverse Voltage	----	30V	----
Fiber Connector	FC/SC/SMA905		
Fiber Length	----	80cm	100cm
Threshold Current (Typ.)	----	20mA	25mA
Operating Current (Typ.)	----	120mA	140mA
Operating Voltage	----	2.4V	2.8V
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.



More information please contact us:

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