850nm 14mw SM Fiber Coupled Laser diode with Single mode fiber

840nm~850nm Coaxial Pigtail Laser Diode with SMF

WSLP-850-014m-4-PD

850nm Pigtailed Diode Laser 14mW/SM Fiber Wavespectrum Laser, Inc

PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	-10~+40	℃
Storage Temperature	T_{stg}	-15 ~ +85	℃
Lead soldering temperature (10 sec.)	T_{ls}	260	℃

Features:

- 850nm
- SM Fiber
- Coaxial package
- Built-in PD

Applications:

- Medical laser treatment
- Printing

Specifications	WSLP-850-014m-4-PD		
	Min	Type	Max
Center Wavelength@25℃	830nm	850nm	855nm
Spectral Width (FWHM)	----	2.0nm	----
Output Power	----	14mW	----
Fiber Core	4um SMF		
Slope Efficiency	0.7mW/mA	0.9mW/mA	----
Monitor Current	----	0.1mA	----
PD Reverse Voltage	----	30V	----
Fiber Connector	FC/ST/SMA905		
Fiber Length	----	80cm	100cm
Threshold Current (Typ.)	----	28mA	35mA
Operating Current (Typ.)	----	85mA	110mA
Operating Voltage	1.5V	1.8V	2.1V
Package Style	Coaxial		

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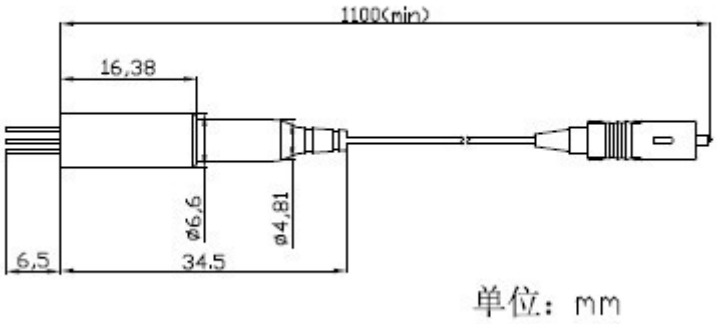
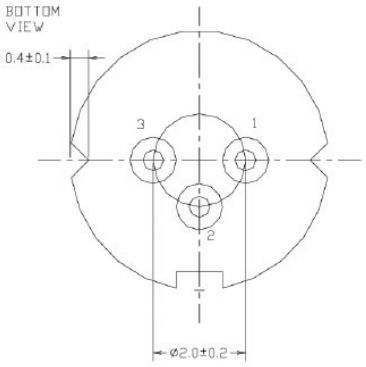
Coaxial Package View



PIN Bottom View:



1	**PD(+)**
2	**LD(+)&PD(-)**
3	**LD(-)**

Electrically shorten LD module and store in non-extreme conditions.
Suggest using the constant current power supply.

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