405nm 15mw SM Coaxial Pigtailed Laser Diode LD
405nm Fiber Coupled LD with Single Mode Fiber
WSLP-405-015m-4 Wavespectrum Laser, Inc. www.wavespectrum-laser.com

PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	0~+70	℃
Storage Temperature	T_{stg}	-35 ~ +85	℃
Lead soldering temperature (10 sec.)	T_{ls}	260	℃

Features:

- 405nm
- 4um SM Fiber
- Coaxial package

Applications:

- Medical laser treatment
- Printing

Specifications	WSLP-405-015m-4		
	Min	Type	Max
Center Wavelength@25℃	400nm	405nm	410nm
Spectral Width (FWHM)	----	2.0nm	----
Output Power	----	15mw	----
Fiber Type	UV Single Mode Fiber		
Fiber Core	3um		
Slope Efficiency	1.2mW/mA	1.4mW/mA	1.9mW/mA
Monitor Current	----	----	----
PD Reverse Voltage	----	----	----
Fiber Connector	FC/ST/SMA905		
Fiber Length	----	80cm	100cm
Threshold Current (Typ.)	----	35mA	50mA
Operating Current (Typ.)	----	100mA	130mA
Operating Voltage	----	4.6V	5.5V
Package Style	Coaxial		
PD(optional)	Side-face Photodiode Optional		

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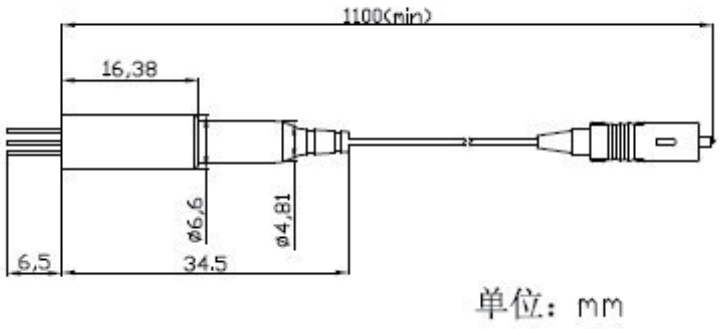
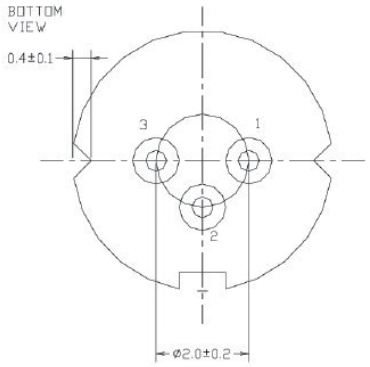
〒815-0041 福岡市南区野間1-10-18 TEL(092)554-6800 FAX(092)554-6802

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.

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