

1625nm DFB 1mw~2mw Coaxial Pigtailed Laser Diode with SMF
1625nm Fiber Coupled LD with Single Mode Fiber (SM Fiber)
WSLP-1625-001m-9-DFB

PARAMETER	SYMBOL	VALUE	UNIT
LD Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	-40~+85	°C
Storage Temperature	T_{stg}	-40 ~ +100	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C

Features:

- 1625nm
- DFB Laser Diode
- Built-in Photodiode
- 9um SM Fiber
- Isolator Optional
- Coaxial Package

Applications:

- Test Equipments
- Optical Transmitter of Analog Signal
- Optical Transmitter of Data Signal

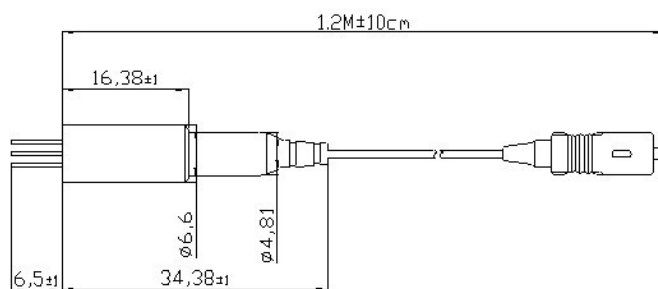


Specifications

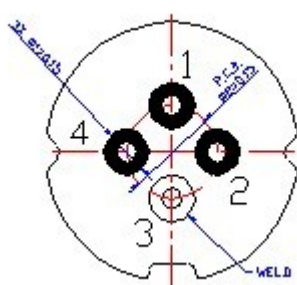
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	Min	Type	Max
Center Wavelength@25°C	+/-2nm	1625nm	+/-3nm
Laser Type	DFB		
Output Power	----	1mW	----
Fiber Core	9um		
Threshold Current (Typ.) I_{th}	----	6.5mA	15mA
Operating Current		30mA	35mA
Forward Voltage		1.1V	1.6V
Monitor Current	0.1mA	----	0.9mA
PD Capacitance	----	10pF	15pF
PD Dark Current	----	----	0.1uA
Side Mode Suppression Ration	30dB	35dB	----
Package Style	Coaxial		
Isolator	Optional		
Fiber Connector	FC		

Coaxial Package View



Bottom View



TYPE A
PIN ASSIGNMENT:

1	PD Cathode
2	PD Anode
3	LD Anode, GND
4	LD Cathode

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

