

### 1310nm 5mw DFB SM Pigtailed LD with 9um SM Fiber| Coaxial or Receptacle Package

### 1310nm Fiber Coupled Laser Diode with Single Mode Fiber (SMF)

WSLP-1310-005m-9-DFB

Wavespectrum laser Group

www.wavespectrum-laser.com

PARAMETER	SYMBOL	VALUE	UNIT
LD Reverse Voltage	$V_r$	2.0	V
PD Operating Current	$I_{r(PD)}$	2.0	mA
PD Reverse Voltage	$V_{r(PD)}$	15	V
Operating Temperature	$T_{op}$	-10 ~ +85	°C
Storage Temperature	$T_{stg}$	-40 ~ +85	°C
Lead soldering temperature (10 sec.)	$T_{is}$	260	°C

#### Features:

- 1310nm
- DFB Laser Diode
- Built-in Photodiodes
- 9um SM Fiber
- Isolation Optional
- Coaxial or Receptacle Package Optional

#### Applications:

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



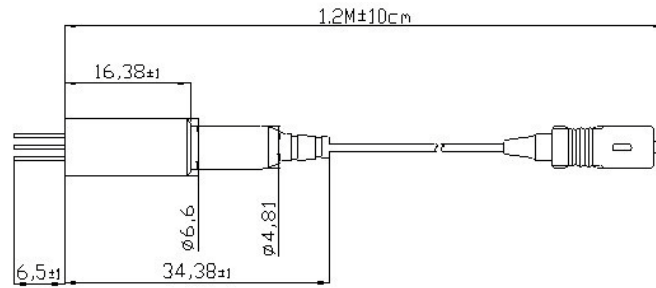
#### Specifications

#### WSLP-1310-005m-9-DFB

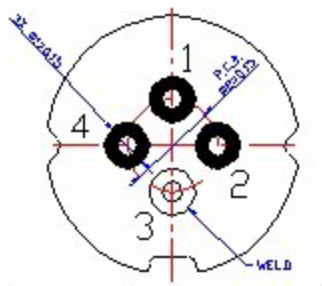
	Min	Type	Max
Center Wavelength@25°C	1290nm	1310nm	1330nm
Laser Type	DFB		
Output Power	----	5mw	----
Fiber Core	9um		
Threshold Current (Typ.) $I_{th}$	5mA	----	15mA
Operating Current	----	38mA	----
Forward Voltage			1.6V
Monitor Current	0.1mA	----	----
PD Capacitance	----	10pF	15pF
PD Dark Current	----	----	0.1uA
Side Mode Suppression Ration	30dB	35dB	----
Built-in Isolator	Optional		
Connector Pin	A-type (B-type Optional)		
Fiber Connector	FC (SC/ST/LC Optional)		
Package	Coaxial (Receptacle Optional)		



## 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.



Wavespectrum Laser, Inc.  
www.wavespectrum-laser.com  
wavespectrumlaser@gmail.com

