

1550nm 2mW~3mW Output Power | Fiber Receptacle Laser Diode Module

1550nm 2mW Fiber Detachable LD | Suit for 9um Fiber | DFB Diode Laser Module

WSLR-1550-002m-9-PD

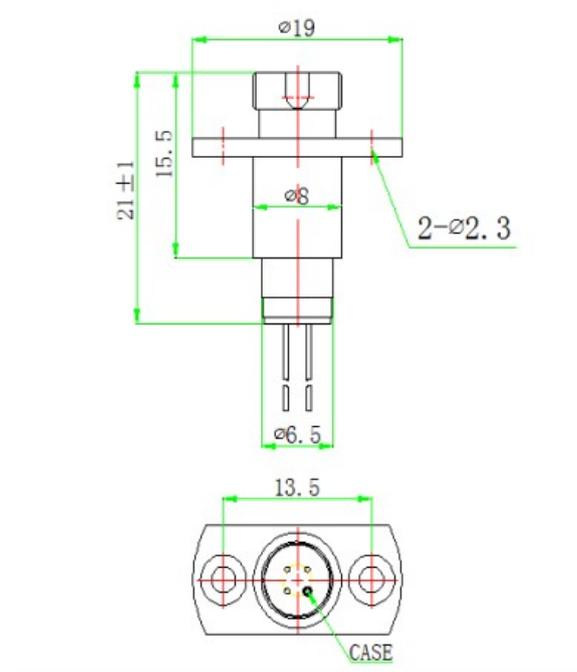
Wavespectrum Laser Group

www.wavespectrum-laser.com

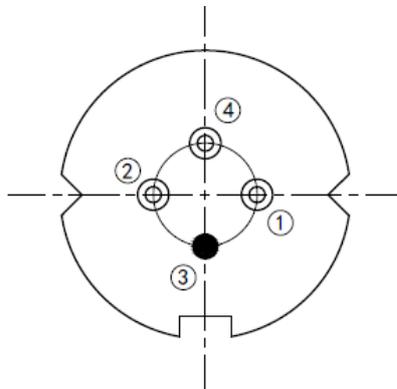
PARAMETER	SYMBOL	VALUE	UNIT	
LD Reverse Voltage	V_r	2.0	V	
PD Reverse Voltage	$V_{r(PD)}$	15	V	
Operating Temperature	T_{op}	-10~+60	°C	
Storage Temperature	T_{stg}	-40~+100	°C	
Lead soldering temperature (10 sec.)	T_{is}	260	°C	
Features: <ul style="list-style-type: none"> • 1550nm • DFB Laser Diode • Built-in Photodiodes • Suit for 9um Fiber • Built-in Isolator Optional • Fiber Receptacle Package 				
Applications: <ul style="list-style-type: none"> • Test Equipments • Optical Transmitter of Analog Signal • Optical Transmitter of Data Signal 				
Specifications		WSLR-1550-002m-9-PD		
		Min	Type	Max
Center Wavelength@25°C		±3nm	1550nm	±10nm
Laser Type		DFB		
Output Power (After Fiber)		----	2mW	----
Used Fiber Type		SMF-28		
Threshold Current (Typ.) I_{th}		----	5mA	15mA
Operating Current		----	35mA	45mA
Operating Voltage		----	1.3V	1.6V
Spectral Width		----	----	2nm
SMSR		----	35dB	----
Monitor Current		0.1mA	----	----
PD Capacitance		----	10pF	20pF
PD Dark Current		----	----	0.1uA
Package Style		Fiber Receptacle		
Connector		FC		
Recommended Operation Temperature		25°C		



FC Receptacle Package View:



Pin Bottom View: (A-Type)



PIN 1	PD (+)
PIN 2	LD (-)
PIN 3	LD (+), CASE
PIN 4	PD (-)

Electrically shorten LD module and store in non-extreme conditions.

Suggest using the constant current power supply.

