

1550nm 10mW Output Power | Fiber Receptacle Laser Diode Module | Built-in Isolator

1550nm Fiber Detachable LD | Suitable for 9um Fiber | DFB Diode Laser Module

WSLR-1550-010m-9-DFB-ISO

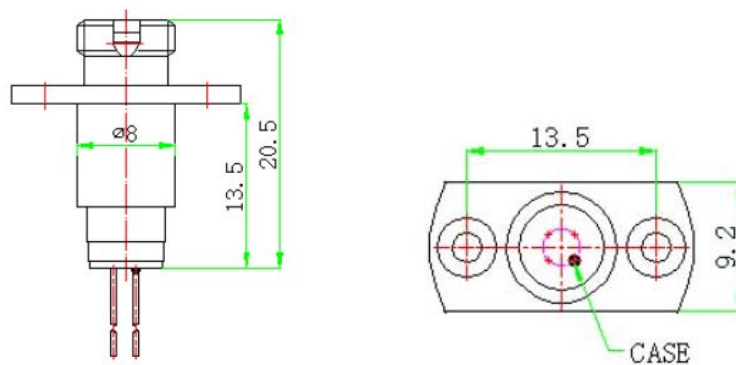
Wavespectrum Laser Group

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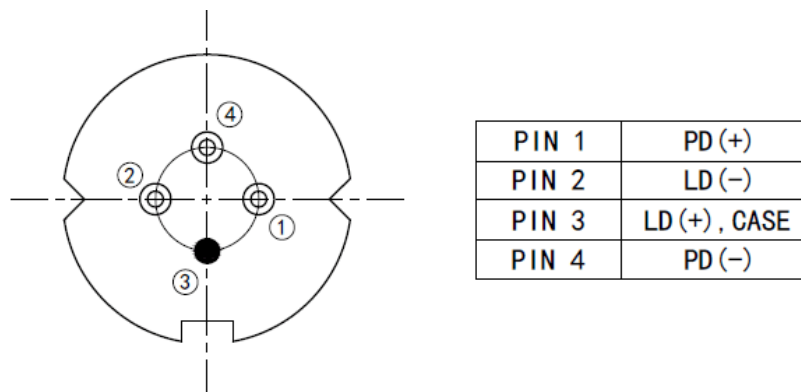
PARAMETER	SYMBOL	VALUE		UNIT
LD Reverse Voltage	V_r	2.0		V
PD Reverse Voltage	$V_{r(PD)}$	15		V
Operating Temperature	T_{op}	-20 ~ +50		°C
Storage Temperature	T_{stg}	-40 ~ +100		°C
Lead soldering temperature (10 sec.)	T_{is}	260		°C
Features: 1550nm - DFB Laser Diode - Built-in Photodiodes - Suit for 9um Fiber - Built-in Optical Isolator - Fiber Receptacle Package Applications: - Test Equipments - Optical Transmitter of Analog Signal - Optical Transmitter of Data Signal				
Specifications		WSLR-1550-010m-9-DFB-ISO		
		Min	Type	Max
Center Wavelength@25°C		1550nm±10nm		
Laser Type		DFB		
Output Power (After Fiber)		----	10mW	----
Testing Fiber Type		SMF-28		
Threshold Current (Typ.) I_{th}		----	5mA	15mA
Operating Current		----	90mA	100mA
Operating Voltage		----	1.4V	1.7V
Spectral Width		----	----	2nm
SMSR		----	35dB	----
Monitor Current		0.1mA	----	----
PD Capacitance		----	10pF	20pF
PD Dark Current		----	----	0.1uA
Optical Isolation		----	30dB	----
Package Style		Fiber Receptacle		
Connector		FC		
Recommended Operation Temperature		25°C		



FC Receptacle Package View:



Pin Bottom View: (A-Type)



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

Suggest using the constant current power supply.



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